

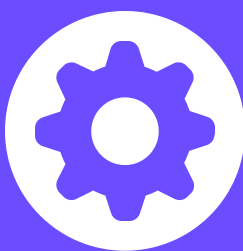
Harmony A3

Auracast Audio Transmitter
& Speaker Receiver Kit



Interactive User Guide

Version 2.4



Start Setup



Activate Free
24-Month Warranty

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1. Start Here

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- Broadcast Name & Password
- Join Auracast with Hearing Aids
- Use as a Bluetooth Audio Receiver

8. Troubleshooting

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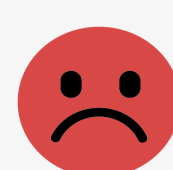
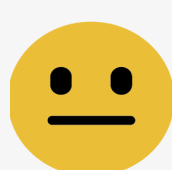
1. Start Here

Harmony A3 is a **one-to-many Auracast broadcast** system:

Designed for:

- Wireless audio to multiple powered speakers
- Speech, announcements, background music
- Classrooms, venues, shared listening spaces

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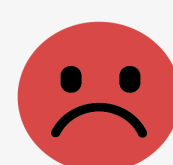
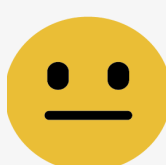
2. How Harmony A3 Works

- One transmitter broadcasts audio
- Multiple receivers **automatically join the same broadcast**
*(up to **100 m / 328 ft** in open areas, line of sight))*
- All speakers play **the same audio**

With **different speaker models**, minor timing differences may be noticeable.

 i

Results can vary depending on speaker design and installation environment.

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3. Connect Your Audio Source

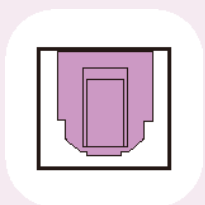
- 1 Place the transmitter near your audio source. Keep it away from walls or metal objects
- 2 Plug into a USB-C power source.
- 3 Choose a connection method:



AUX (3.5mm)
Mixer



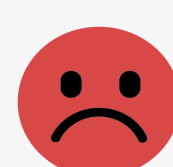
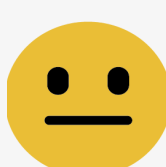
Bluetooth
Phone




Optical
TV



[Contact us](#) if you need a power adapter.

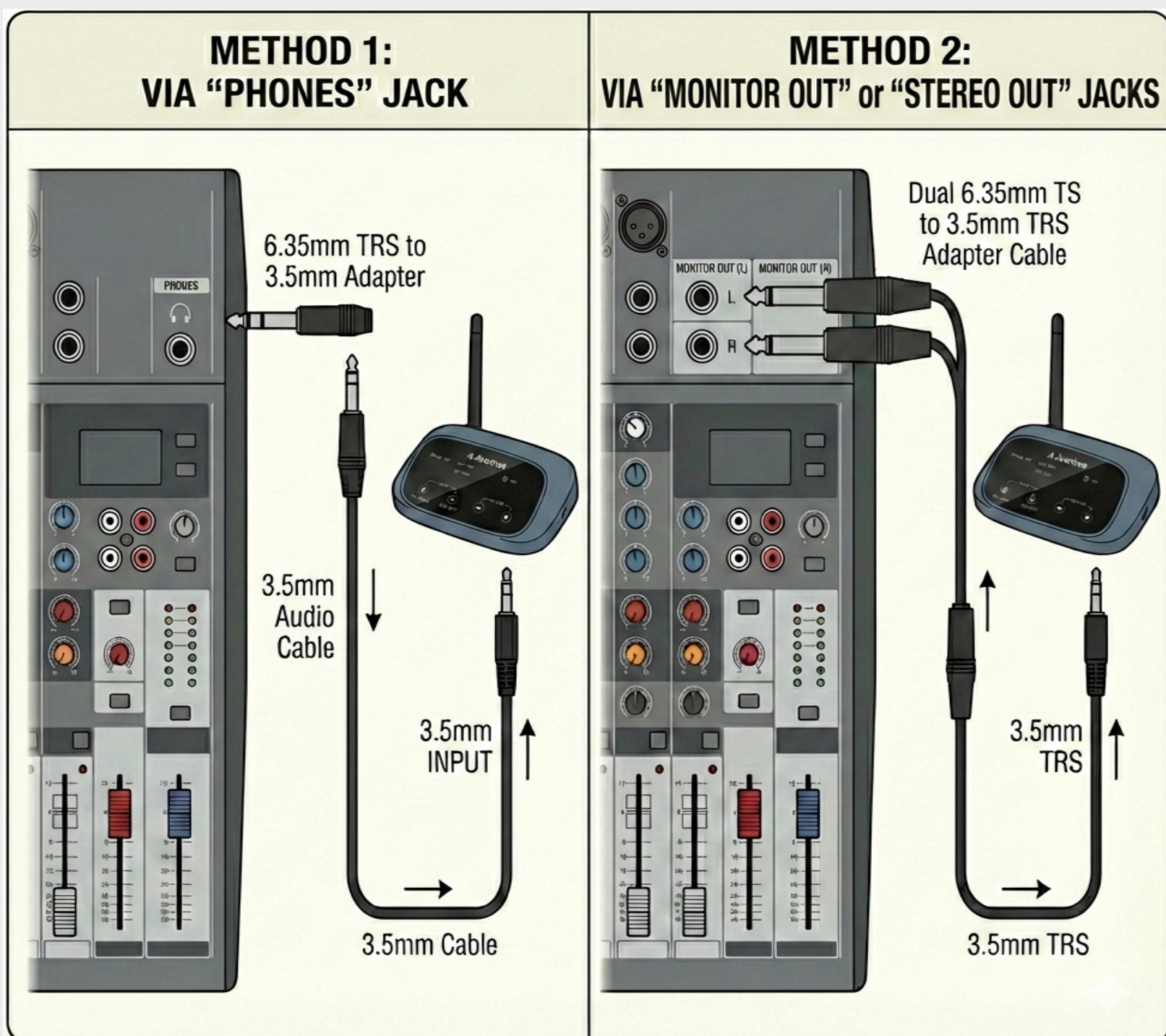


A. Connect Using AUX

- 1 Turn on the transmitter. → LED "AUX" blinks red. (If not, press )
- 2 Plug in the AUX cable.

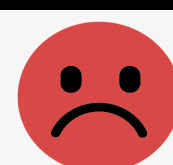
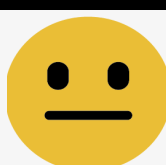
Example: mixer

Use a dual 6.35mm TS to 3.5mm TRS adapter. [Contact us](#) for a free one.





 Adjust mixer settings/volume if audio does not sound right.

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B. Connect Using Bluetooth

Keep your phone near the transmitter.

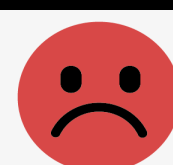
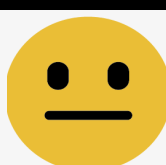
- 1 Turn on transmitter and press  → LED "**Phone**" blinks **red** & **blue**.
(If not, hold  for 3s.)
- 2 Pair with your device.
- 3 Play audio.



Better Experience



- Use wired audio input for best stability
- Bluetooth range: **10-15 m (30-50 ft)**

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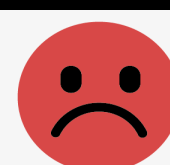
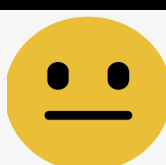




C.1 Connect Using Optical

- 1 Turn on transmitter and press 
→ LED "**OPT**" blinks **red**.
(If not, press  again.)
- 2 Plug in the optical cable.

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C.2 Set TV Audio to PCM



Use your **TV remote**



On your TV:

1  Press Settings

2  Go to Sound / Audio

3 Select:

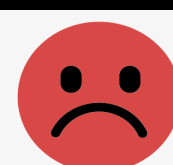
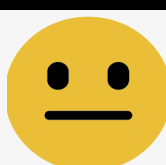
 Audio Output: **Optical**

 Digital Format: **PCM (Must Use)**



- Not set to PCM? → NO SOUND
- Need help setting PCM?
→ [Choose your TV brand](#)

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Menu

Select your TV to see exact steps

Samsung



LG



Sony



TCL



Hisense



VIZIO



Panasonic



Philips



Roku



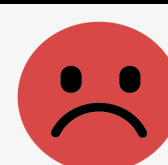
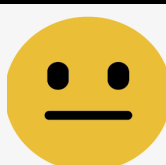
Sharp



Not seeing your TV brand?

*Search or ask AI: TV brand+ model set
PCM*

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4. Join Broadcast

4.1 Set Up Speakers

❶ Turn on receivers. → Auto-join.

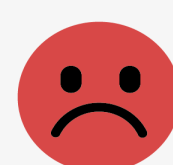
✅ LED  turns **solid orange**.

❷ Connect **powered (*active*)** speakers via AUX (*or RCA to AUX*) cables.

All speakers will play the **same** audio.



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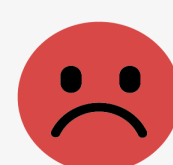


4.2 Adjust Volume

Volume can be controlled from:

- Audio source (TV / phone / PC)
- Oasis Aura transmitter
- The speaker's own volume control

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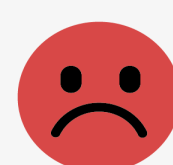




4.3 Speaker Notes

- If needed, switch the speaker to AUX after connecting the cable.
- *Passive speakers are **not** supported.*
- *Use the included 3M adhesive to attach the receiver to a speaker.*

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5. Power & Charging

Transmitter

- Requires a power connection to operate (*not run on battery*)

Receiver

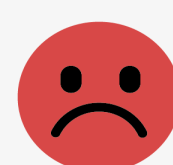
- Use USB-C (5V, 1–2.4A) for charging
- Low battery: LED blinks **red**
- Charging: LED stays **solid red**
- Fully charged: LED turns off (~2 hrs)
- Playtime: Up to 20 hrs
- Can be used while charging

- ***Auto powers off*** after 15 minutes of no audio, even while charging.

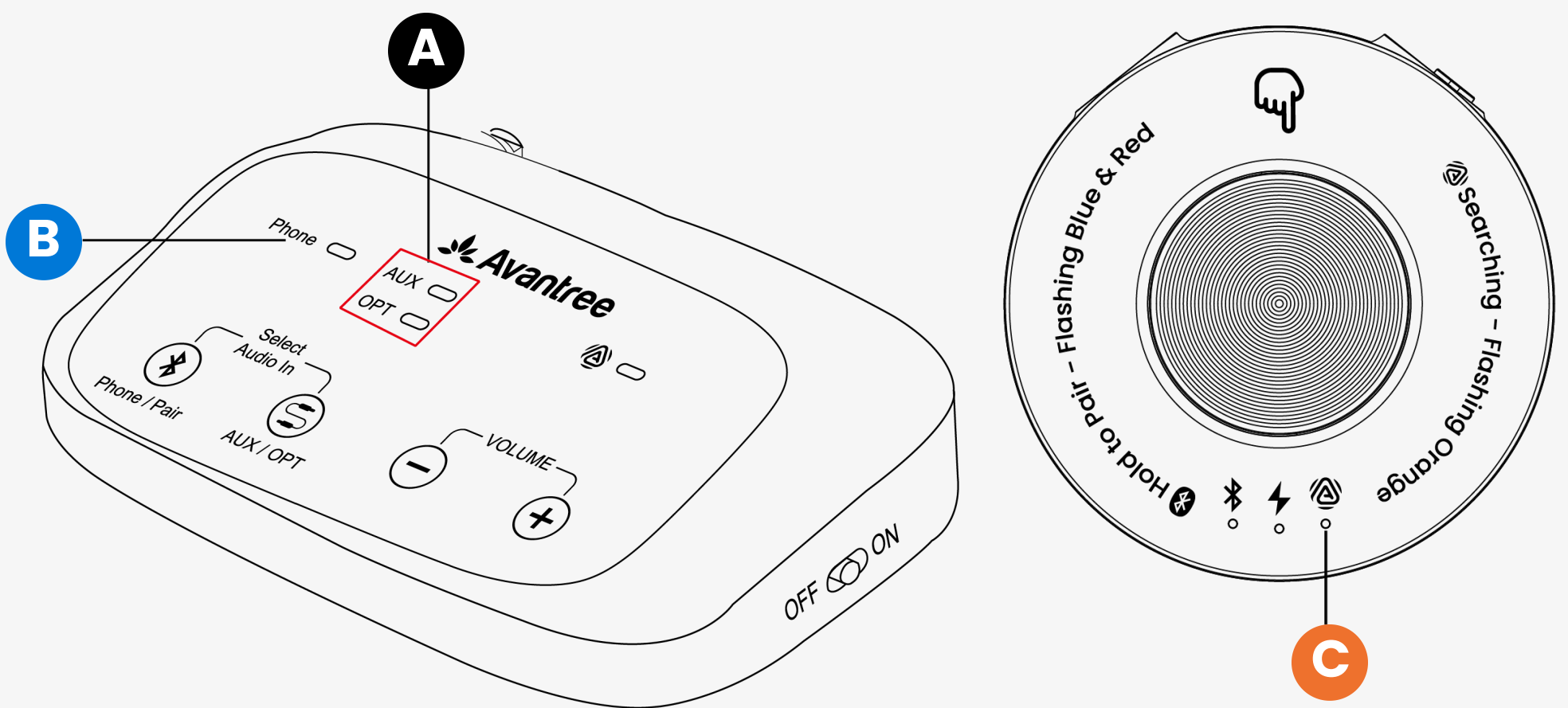
→ [Update firmware to keep it on while plugged in.](#)

- [Contact us](#) if you need a power adapter.

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6. Buttons & Indicators



Transmitter Input LED

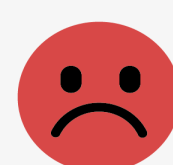
- A**
AUX / OPT
 - Solid → Valid signal
 - Blinking → Invalid signal
- B**
Phone
 - Solid → Connected to Bluetooth device
 - Blinking **red** & **blue** → Pairing mode

Input switching button:  / 

C Receiver Auracast LED

- Solid → Joined Auracast

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7. Advanced (optional)

7.1 Broadcast Name & Password

Customize your broadcast name and password to:



Manage Access

Add a password to control who can join your broadcast and prevent unwanted access.

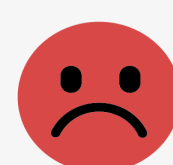
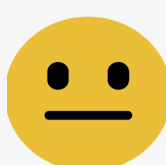


Organize Groups

Use unique names for different rooms, languages, or zones so listeners can easily find the right channel.

[Next up:](#) Set up in DFU tool

Next

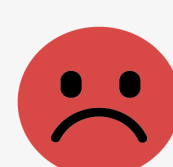
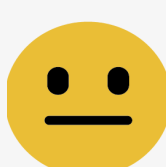


Set Up in DFU Tool:

- 1 Connect transmitter to your PC and power it on.
- 2 → [Download and install Avantree Updater](#) (Windows / Mac).
- 3 Open the updater and confirm:
Firmware version \geq 20.4.2
Note: [Reset transmitter](#) after update.
- 4 Open "Advanced" tab to set the name and password.



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7.2 Join Auracast with Hearing Aids



[Switch to Hearing Aid Compatible in the DFU tool before joining](#)

Select your brand to see how to join Auracast.

ReSound GN

danalogic GN

oticon

Jabra GN



NUEAR

WIDEX

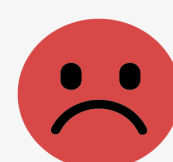


Beltone

Bernafon
THE SOUND EXPERIENCE


PHILIPS

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7.3 Use as a Bluetooth Audio Receiver

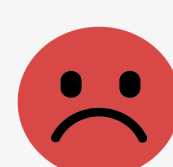
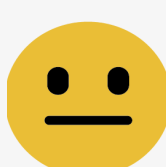
The receiver can connect to a phone or tablet via Bluetooth.

- 1 Hold the receiver button for 3s.
→ LED  blinks **red** & **blue** (Pairing).
- 2 Turn on Bluetooth on audio source (phone/tablet) and select **AuraLink**.



- *Bluetooth phone connections support audio playback only. **Phone calls are not supported.***
- *While joined to Auracast, the receiver can also connect to classic Bluetooth. **Bluetooth audio plays first.** Auracast audio resumes when Bluetooth audio stops.*

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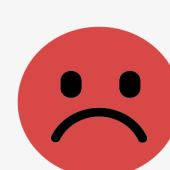
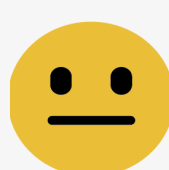
8. Troubleshooting

No Sound? Check these:

- Check speaker is powered
- Check input cable (AUX / OPT)
- Check transmitter input LED
- Check receiver LED

 [More Troubleshooting & FAQs](#) ↗

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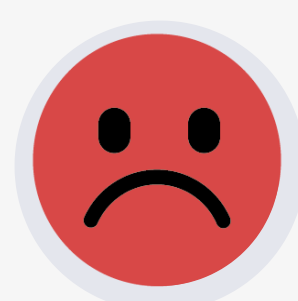
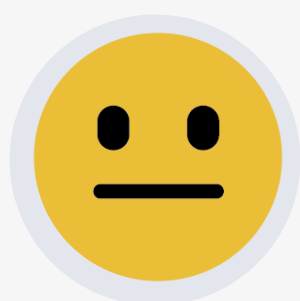


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Your feedback helps us improve this guide for everyone.

It only takes a moment.



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9. Register & Support

Register Your Product

Extended warranty & get updates.


[Get 24M Warranty](#)

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support@venucast.com >

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 USA (Toll Free)

[+1 888 464 0168](tel:+18884640168)

 Other Regions >

 Chat >

