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Episode 4- Zone Streaming Preamplifier

Welcome to the Episode 4- Zone Streaming Preamplifier Installation Guide

Easily create 4 independent streaming zones of audio from the Ryff app or a Control4 system . This product ties in directly with the recent launch of the Ryff standalone app. The Pre- 4 pairs beautifully with the Episode Dynamic 8 channel amp , Response Series DSP 8 channel amp , and the MoIP 12 channel amplifier.

Features

- 4 streaming outputs
- 1 streaming input (digitized for streaming playback only)
- Up to 192 kHz hi- res audio playback
- 1U form factor
- 4 12V trigger outputs



The Episode Pre4 streaming amplifier can be used in either a Ryff system being controlled by the Ryff app, without a full Control4 system , or as part of a larger Control4 home automation system .

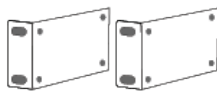
Episode EA- STREAM- PRE- 4 4- Zone Ryff Streaming PreAmplifier

EA- STREAM- PRE- 4

Introduction

The Episode ES- STREAM- PRE- 4 is a 1U, rack mountable, four zone streaming preamplifier utilizing the award- winning Ryff streaming platform from Control4 and best- in- class audio design for exception listening experiences in any home or business. The Pre- 4 delivers rich, high res audio experiences in every space. Designed for integrators by integrators, this Preamp offers seam less integration and effortless control through the Ryff streaming platform . Featuring interoperability with MoIP, Control 4, and OvrC, Episode's 4- Zone Preamp sets a new bench mark for multi- zone audio perform ance.

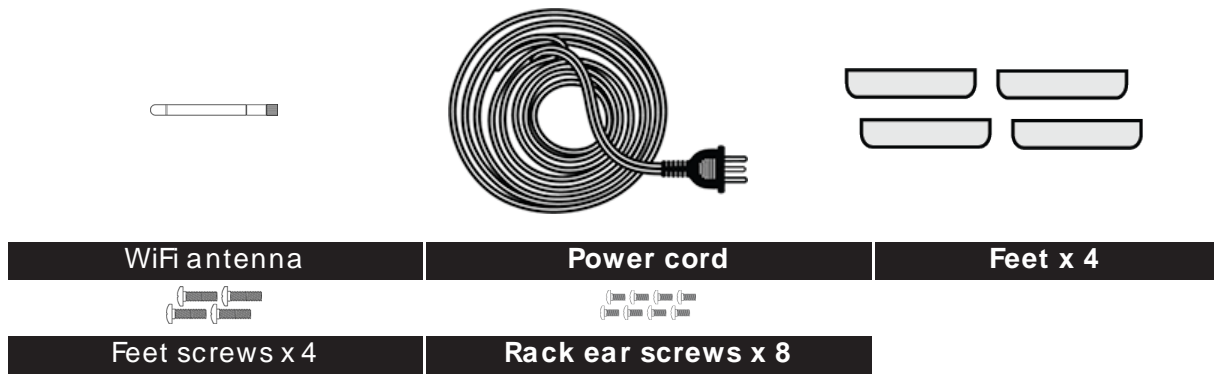
Box contents



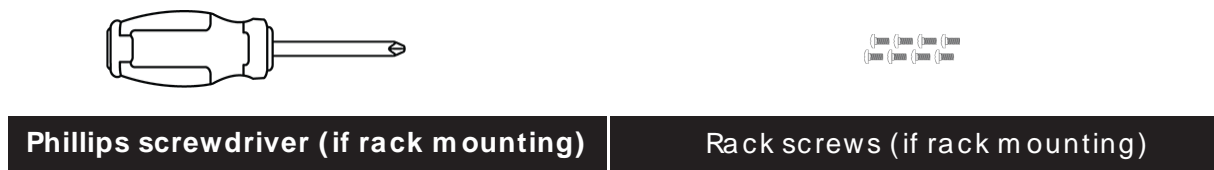
EA- STREAM- PRE- 4

Rack ears x 2

QR card



Required tools



Cables

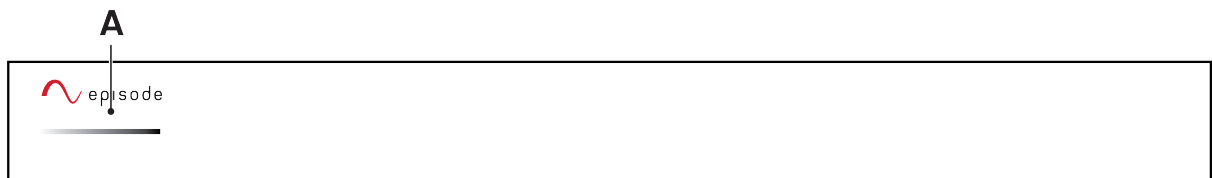
Not all listed cables are required, but may be needed depending on system configuration.

- Ethernet cable
- RCA audio cables
- Coaxial digital audio cables
- Optical (Toslink) digital audio cables
- 3.5 mm mono trigger cables

- 3.5 mm mono IR cables (Future use)
- USB A external drive/ cable

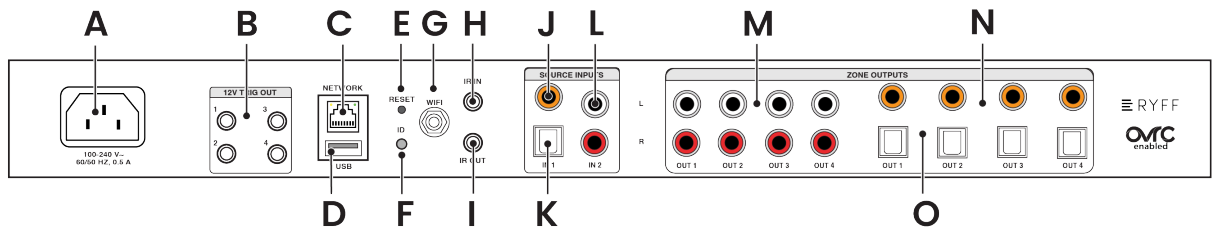
EA- STREAM- PRE- 4

Front Panel



- A.** Power indicator
- Solid Blue - Unit is powered on.
- Off - Standby mode or switched off.

Rear Panel



- A. **Power input** - Connect included IEC power cord - 100-240V 60/50 Hz, 0.5A.
- B. **12V trigger outputs** - Four independent zone-specific 12V trigger outputs send signals to amplifiers and other devices. Use 3.5mm mono cables.
- C. **Network LAN input** - Use CAT5 or CAT6 cable (RJ45 connector) to connect preamp to a 10/100/1000 BaseT ethernet connection. Network connection is required for content streaming, app control, and initial configuration and setup.



Pro Tip: Wired connection is required for initial network setup. If WiFi connection is preferred, the wired connection can be removed only after WiFi is configured in OvrC. As with all network connected devices, a wired connection is recommended for stability and speed of the network connection.

- D. **USB Port** - Connect an external USB drive for audio file playback using a USB A cable. This feature works with Control4 systems only. The USB playback function is not available on Ryff application systems.
- E. **Reset Button**- A recessed micro-controlled push button.
 - Quick momentary press - Reboot.
 - Hold RESET button for 5 seconds - Returns network settings to DHCP default.
 - Hold RESET button for 10+ seconds - Returns the device to its factory default configuration.

- F. **ID Button** - Used to identify the device within Control4/Composer Pro configuration. This function is not supported in OvrC.
- G. **WiFi antenna connector** - Attach included WiFi antenna for wireless network access.
- H. **IR input** - FUTURE USE
- I. **IR Output** - FUTURE USE

Source audio inputs

Choose between two source inputs; Digital (Coax or Optical) or analog.

J. Coaxial digital audio input - Connect a digital audio source using a coaxial digital cable.

K. Optical digital audio input - Connect a digital audio source using a Toslink optical cable.

L Analog audio inputs - Connect unbalanced analog audio sources using RCA cables.



Pro Tip: The Source Input connections support a single audio source that is available for playback on any of the four outputs. **Do not use for video sources** as the content's audio will not sync with the video.

Zone audio outputs

Use OvrC to select one of the connection types for each zone. A zone may only have one type of output active, although each zone can have a different output type.

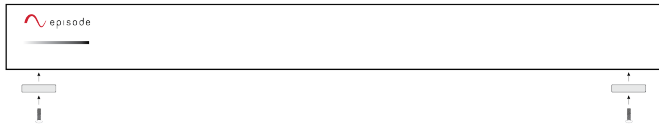
M. Analog Zone audio outputs - Connect to an amplifier, preamp, AV receiver or audio distribution system using RCA cables.

N. Coaxial digital audio outputs - Connect to an amplifier, preamp, AV receiver or audio distribution system using coaxial digital cables.

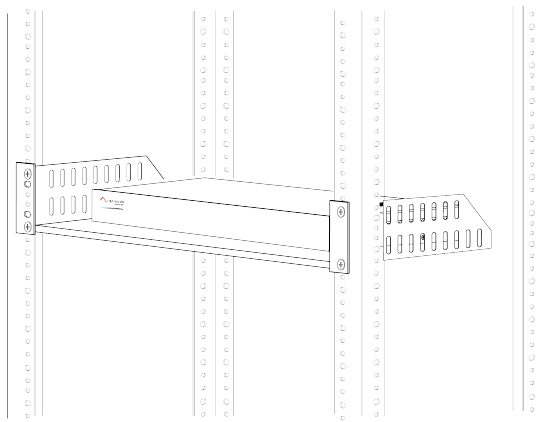
O. Optical digital audio outputs - Connect to an amplifier, preamp, AV receiver or audio distribution system using Toslink optical cables.

Physical Installation

Shelf Mounting



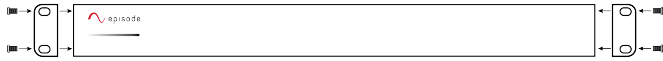
Install the feet by inserting the feet screws through the feet and into the bottom of the unit.



Place the unit in a well-ventilated area with adequate cooling. Create ventilation in areas without proper airflow to allow outside air into the space.

Rack Mounting

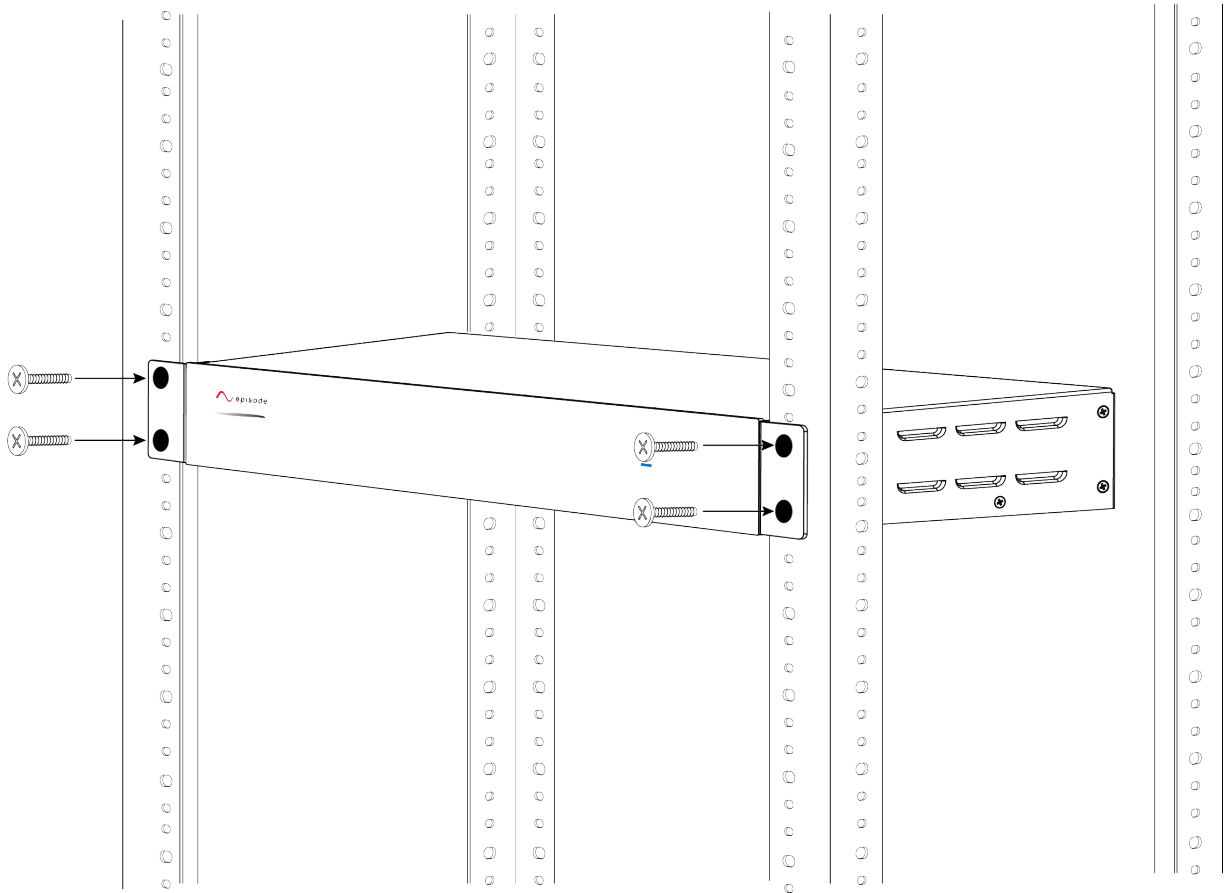
Attach ears



Locate the unit in a well-ventilated area that provides adequate cooling. The Pre-4 occupies 1U of rack space.

Attach the included rack-mount ears to the front sides of the chassis using supplied screws (four on each side).

Attach device

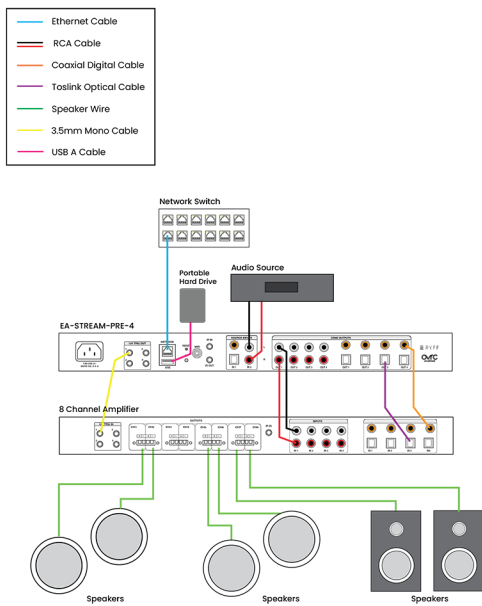


Securely mount the unit into an equipment rack using rack screws (not included).

Connections

Overview

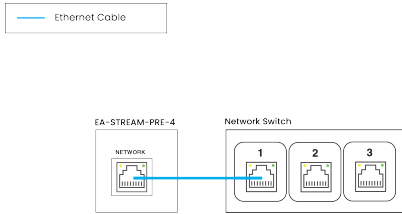
The Episode Pre-4 has a variety of system connections available to provide flexible options for custom system configuration.



Connection types include:

Network

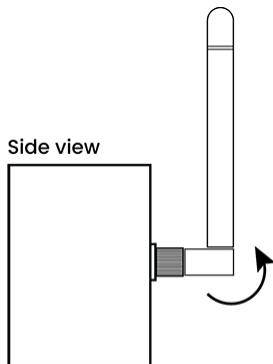
Network - connect to a network switch or modem/router.



- RJ45 Ethernet cable



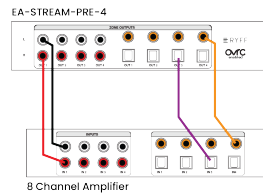
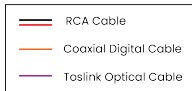
WiFi - attach the included antenna for wireless connectivity if a hard-wired Ethernet connection is not available.




Pro Tip: Use a hard-wired Ethernet connection whenever possible to improve reliability and system performance.

Audio

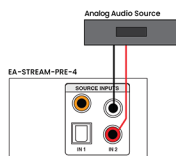
Zone Outputs x 4 - connect to an AV receiver, amplifier, etc. to send independent audio streams to up to four separate areas.



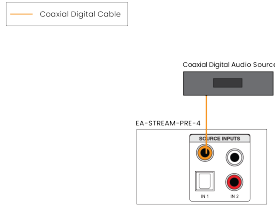
- Analog RCA
- Digital coaxial
- Optical audio (Toslink)
-  **Pro Tip:** Only one audio output type can be active in each zone. Different audio outputs types can be used independently for each zone.

Source Inputs x 1- connect an audio source that can be selected in any zone.

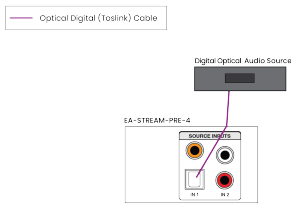
- Analog RCA




- Digital coaxial



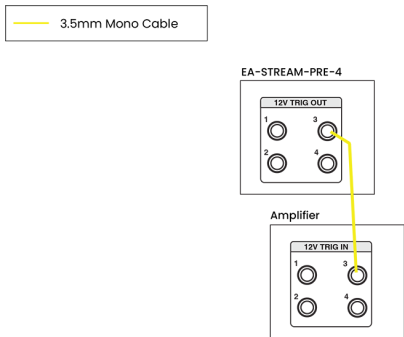
- Optical audio (Toslink)



 **Pro Tip:** Do not use the Source Inputs for video sources. This input is for audio sources only and will not sync correctly with an accompanying video source/stream/output.

Control

12V Trigger Out x 4 - programmable 12 Volt trigger outputs connect to amplifiers, AV Receivers, etc. when a specific zone is active.



- 3.5mm mono connector

IR In - FUTURE USE

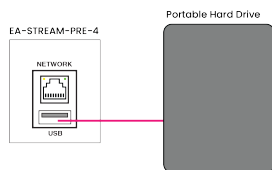
- 3.5mm mono connector

IR Out - FUTURE USE


- 3.5mm mono connector

USB

USB - Connect an external USB drive for audio file playback



- USB A cable or thumb drive

 **Note:** The USB playback function is only available in Control4 systems.


Power input

100-240 V_~ 60/50 HZ, 0.5 A

- Connect included IEC power cord

USB Playback

You can store and access media from an external storage device, for example, a network hard drive or USB memory device, by connecting the USB drive to the USB port and configuring or scanning the media in Composer Pro.

 **Note:** The Ryff app (for standalone configurations) does not support USB playback.

Supported media formats

Most popular media formats are supported.

Specifications

General	
Model number	EA- STREAM- PRE4
Power input	100 to 240VAC, 50/60 Hz, 20W
Wired Ethernet	RJ45 jack, 10/ 100/ 1000 BaseT
Wi- Fi	External antenna, 2.4GHz and 5GHz (802.11b/g/n/ac) Encryption: 64/ 128 WEP, TKIP/ AES Authentication: WEP, WPA, WPA2
Power cord length	2m
OvrC	OvrC- enabled
Streaming services	Apple Music, Spotify Connect, Tidal, Pandora, iHeart Radio, TuneIn, SiriusXM, and more

Connections	
Audio inputs	2 inputs—1 analog stereo and 1 digital (S/PDIF coax or TOSLINK optical)
Audio outputs	4 outputs—stereo analog or digital (S/PDIF coax or TOSLINK optical)
12V trigger	4 ports, 12V 200mA, output only
IR	Not used
USB	1 USB 2.0 port, supports playback of media stored on USB
Audio	
Analog input frequency response	48- 192 kHz sampling 20 Hz- 22 kHz, +/- 0.5 dB
Digital input frequency response	48 kHz sampling 20 Hz- 20 kHz +/- 0.5 dB 96 kHz sampling 20 Hz- 20 kHz +/- 0.5 dB 192 kHz sampling 20 Hz- 20 kHz +/- 0.5 dB
Phase response	+/- 0.5 deg 20 Hz - 20 kHz
SNR (A-weighted)	117 dB
DNR (A-weighted)	118 dB
Input sensitivity	2 VRMS
IMD- SMPTE	< - 105 dB @ 1VRMS
Crosstalk	> 108 dB
THD+N (20- 20 kHz)	0.002%
Physical	
Dimensions	17 x 17 x 9.6 in. (4.3 x 43 x 24.3 cm)
Weight	8 lbs
Operating temperature	32 to 102 °F (0 to 40 °C)
Storage temperature	- 4 to 158 °F (- 20 to 70 °C)
Cooling method	Fanless

Frequently Asked Questions

What is the maximum audio resolution of the Pre- 4 ?

Up to two streams of 192k/24 bit, all outputs 48k/24 bit by default

Are the audio inputs to the Pre- 4 essentially an audio matrix?

No. They are the same as a Control4 controller, in that they are streaming inputs, so this adds up to one second of audio latency to any source.

Can I connect video's audio to the Pre- 4 audio inputs?

While this is possible, it is strongly recommended NOT to do this. It adds up to one second of audio latency. So, video and audio lip syncing will be off. There is no "direct" mode for the Pre- 4 at this time.

Can I set up the Pre- 4 using only Wi- Fi?

No. Like the SA- 1, you must initially set up the Pre- 4 with a hardwired Ethernet connection. Then, you can enable Wi- Fi.


Pre- 4 LED status indicators

There are two LED indicators on the Pre- 4: one on the front panel by the Episode logo and one on the rear in the ID button. Both LEDs behave identically.

State	LED behavior
Device has just been energized with power	off
Started booting	solid red
Normal boot	blue blinking at 1Hz
Reset check (while ID button is held)	solid orange
Steady state, boot complete	solid green
Connected to director	solid blue (dims after 5 minutes of inactivity)
Playing audio	solid white
No system IP address fault	orange blinking at 1/2 Hz
Software update	blue blinking at 1/2 Hz
Software update error	red blinking at 1/2 Hz
Factory restore in progress	orange blinking at 2 Hz


Resetting the Pre-4

Reset to factory settings

 **Caution:** Caution! The factory restore process will remove the Composer project.

To restore the controller to the factory default image:

1. Insert one end of a paper clip into the small hole on the back of the controller labeled **RESET**.
2. Press and hold the **RESET** button. The controller resets and the ID button changes to solid red.
3. Hold the button until the ID flashes double orange. This should take five to seven seconds. The ID button flashes orange while the factory restore is running. When complete, the ID button turns off and the device power cycles one more time to complete the factory restore process.

 **Note:** Note: During the reset process, the ID button provides the same feedback as the Caution LED on the front of the controller.


Power cycle the controller

Press and hold the **ID** button for five seconds. The controller turns off and back on.

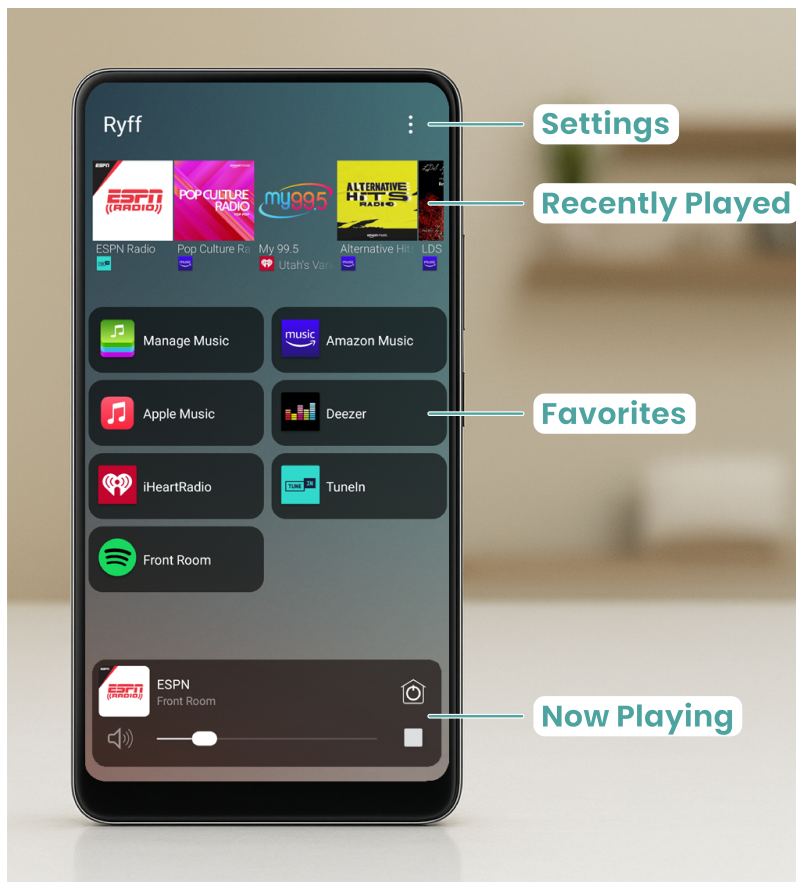
Reset the network settings

To reset the controller network settings to the default:

1. Disconnect power to the controller.
2. While pressing and holding the **ID** button on the back of the controller, power on the controller.
3. Hold the **ID** button until it turns solid orange and the Link and Power LEDs are solid blue, and then immediately release the button.

 **Note:** Note: During the reset process, the ID button provides the same feedback as the Caution LED on the front of the controller.

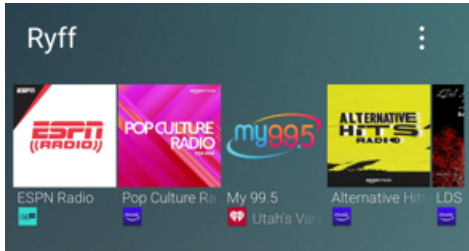
Ryff Home Screen



On the Ryff Home Screen, you can choose from Recently Played sources, Favorite sources, playlists, and devices, and control the music in the Now Playing section.

- **Press and hold** on a favorite to reorder, add, or remove them .

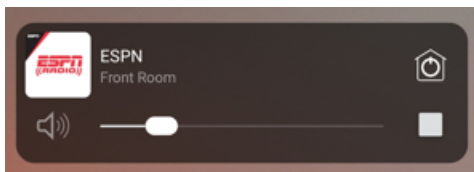
Ryff Recently Played



Scroll to the left and right to browse through recently played stations, albums, or other media.

- **Press** on an item to play it.
- You can add/remove the Recently Played section if you press and hold on a **Favorite**, select **Add Widgets**, and toggle on/off **Recently Played Music**.

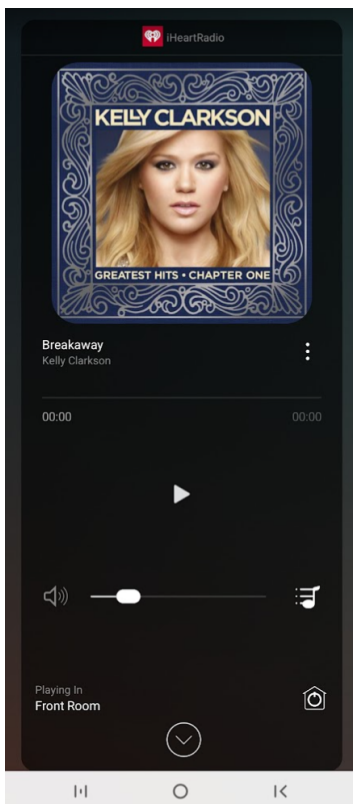
Ryff Now Playing



The Now Playing bar shows up when audio is playing. From the Now Playing bar you can:

- Adjust volume with the slider
- Play/Stop the music
- Turn off the room (end session)

If you press on the cover art or media name, the Now Playing section expands to full screen.



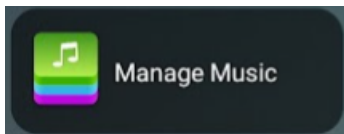
In the full screen view, you can press on the menu icon to view:

- **Track details**
- **EQ** - Adjust EQ details and save as a preset if desired.

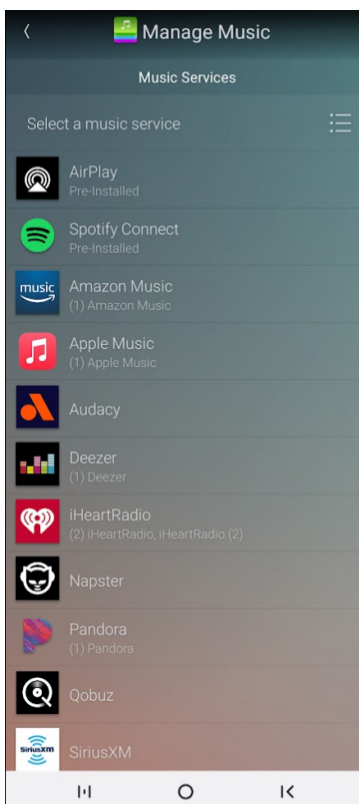
Press on the queue/playlist icon to view:

- **Queue** - View the next tracks (if applicable)

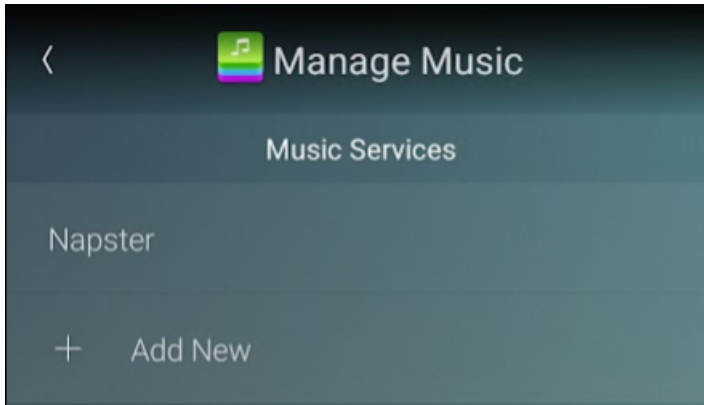
Ryff Manage Music



Manage Music allows you to add or remove music services for your Ryff system. Select **Manage Music** on the Home Screen to see the available music services:

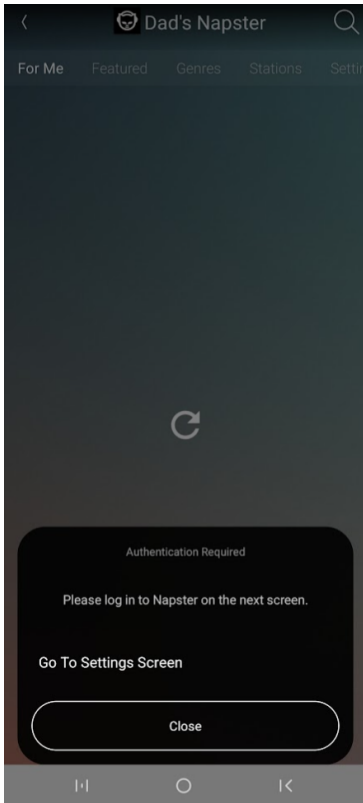


Select the music service and press on **Add New** to add it to your Ryff System.



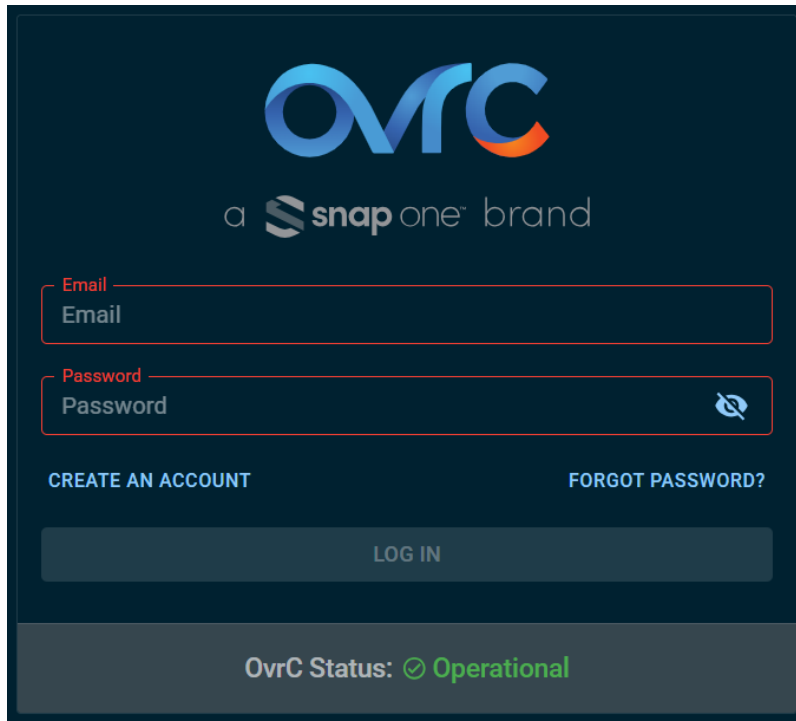
Name the music service if you want (example, "**Dad's Napster**") and press **Done** to add it.

Return to the home screen, select the music service you just added, and follow the instructions to log in (if required).

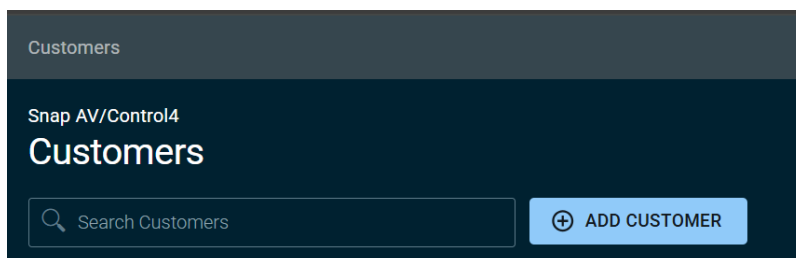



Creating the customer in OvrC

1. Log in to OvrC by opening a browser to app.ovrc.com.

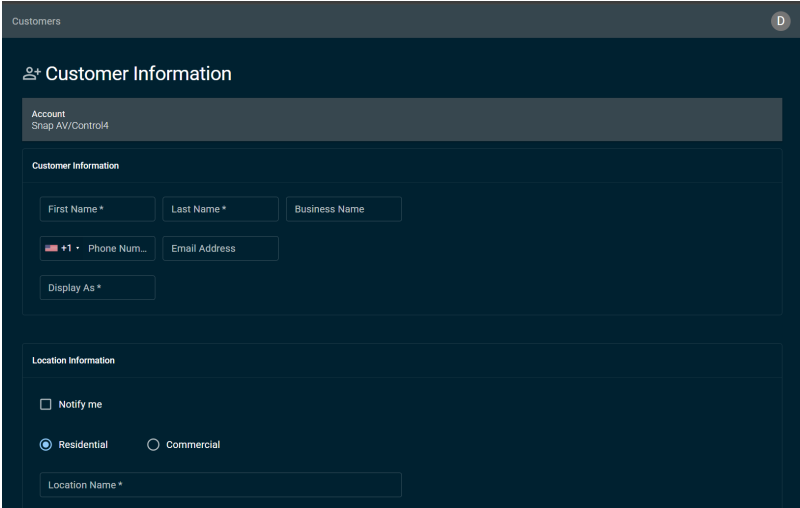


2. Add a customer and/or location. If this is a new customer, click the **ADD CUSTOMER** button. If this a different location under an existing customer, click on the **Add Location** button.

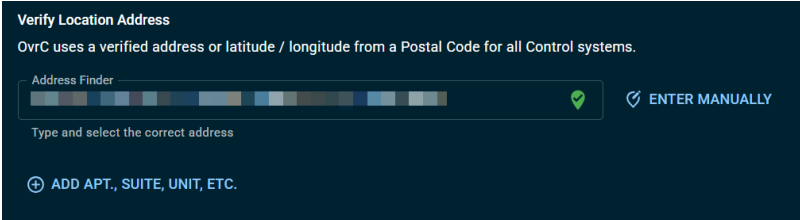



 **Note:** If the customer location in OvrC already has a Control4 project, create a new location for the Ryff project.

3. Fill out the customer (if new customer) and location fields.



Begin typing your address, and you are presented with the option to select a verified address with a drop down. Select the appropriate address to verify the address. A verified address shows a green checkmark.

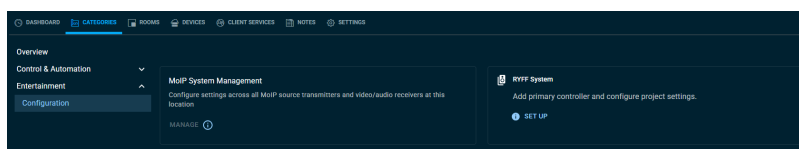



 **Note:** It is mandatory to have an address filled out and verified.

Adding a Ryff streaming device in OvrC

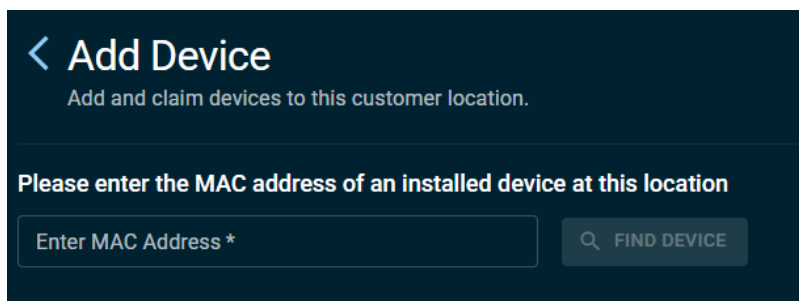
Ryff-compatible devices need to be updated to the latest software with OvrC. Begin by ensuring the Ryff devices are powered on and connected to the network.


1. In OvrC, select the account for the Ryff customer in your Customer List.
2. In **Categories > Entertainment > Configuration**, click on **SET UP** under Ryff System .



 **Note:** If you have an existing Ryff system, OvrC has a link to **MANAGE** your system instead of **SET UP**.

3. On the Add Device screen, enter the MAC address of your Ryff-compatible device and click **FIND DEVICE**.



 **Note:** The Triad SA1 may require a patch that is automatically applied to the shipping manufacturing image when the device is plugged into ethernet and comes online. This takes on average about 3-5 minutes. If this patch isn't applied you will get an error that it can't find the device when trying to add the MAC to OvrC. If you have waited at least 5 minutes and it still isn't being seen by OvrC, do a factory reset on the SA1 and try again.

4. Validate the device by either pressing the ID button on the back of the SA1 Pre-4 or putting in the service tag (ST number) found on the QR code of the device. You also have the option of changing the device name if desired. Then click on **ADD DEVICE**.

< Add Device

Add and claim devices to this customer location.

Please enter the MAC address of an installed device at this location

Enter MAC Address *
00:0F:FF:9F:BE:DF

FIND DEVICE

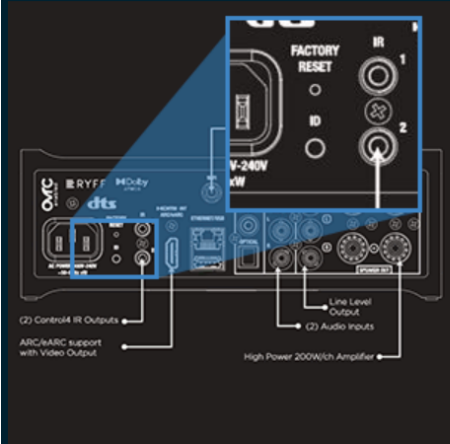
SA1

MAC ADDRESS	MODEL NUMBER
00:0F:FF:9F:BE:DF	sa1
MANUFACTURER	
Triad	

Select a method to identify your device

Push ID Button
Press the "ID" button on the back of your device in the next 3 minutes.

Service Tag
Enter service tag on the [box/device].



Device information

Device Name *
sa1

< Add Device

Add and claim devices to this customer location.

Please enter the MAC address of an installed device at this location

Enter MAC Address *
[Redacted]

FIND DEVICE

EASTRMPRE4

MAC ADDRESS	MODEL NUMBER
[Redacted]	eastmpre4
MANUFACTURER	
Episode	

Select a method to identify your device

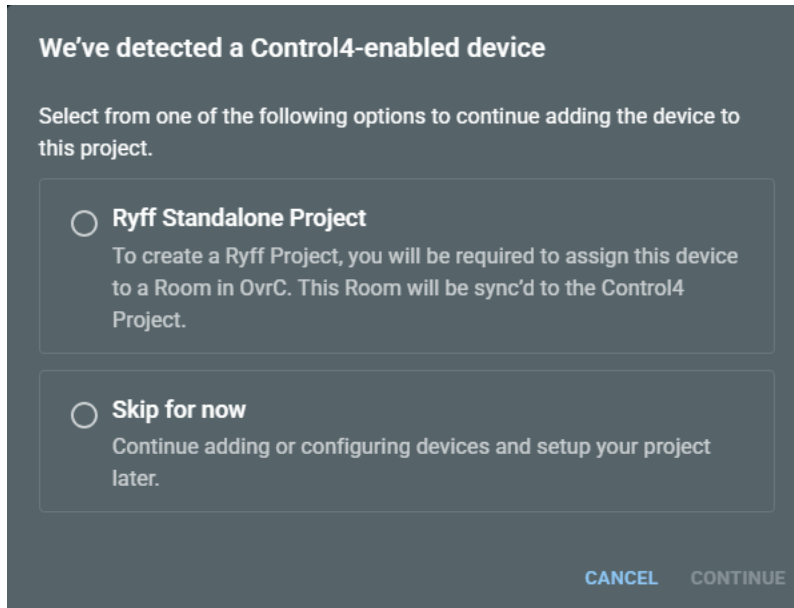
Service Tag
Enter service tag on the [box/device].

Service Tag *
[Redacted] ✓ Verified

Device information

 **Note:** If you have more than one Ryff streaming device, give each device a unique name in the **Device Name** field.

5. The system gives you an option to create a **Ryff Standalone Project** or **Skip for Now** if you have a Ryff-compatible device. Choose the **Ryff Standalone Project** option and click **CONTINUE**.



We've detected a Control4-enabled device

Select from one of the following options to continue adding the device to this project.

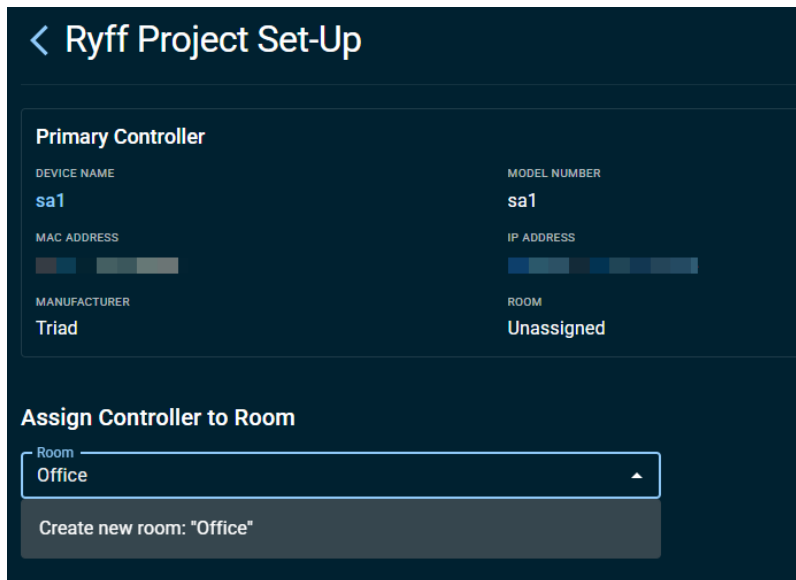
Ryff Standalone Project
To create a Ryff Project, you will be required to assign this device to a Room in OvrC. This Room will be sync'd to the Control4 Project.

Skip for now
Continue adding or configuring devices and setup your project later.

CANCEL **CONTINUE**

6. Assign this device to a room. Start typing in the room name and if it exists, you can choose it from the drop down. If it doesn't exist, you will be prompted to create it. In this example, the room does not yet exist; select the **Create new room** option and then click **SET UP**. During this process of room assignment, a Ryff standalone project is being created in the background

and this device is being assigned to that room .



The screenshot shows a dark-themed interface titled "Ryff Project Set-Up". Under the heading "Primary Controller", there are two columns of information:

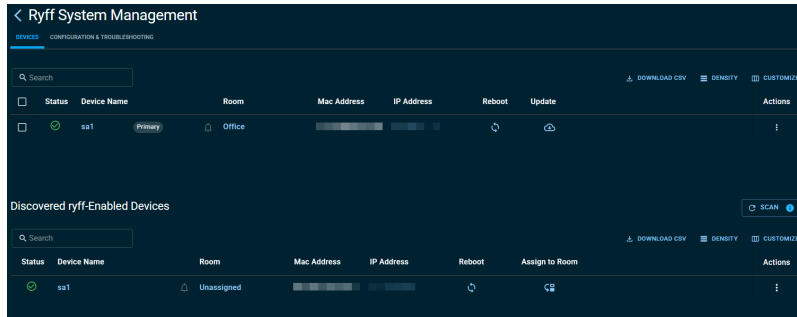
DEVICE NAME	MODEL NUMBER
sa1	sa1
MAC ADDRESS	IP ADDRESS
[Redacted]	[Redacted]
MANUFACTURER	ROOM
Triad	Unassigned

Below this, the section "Assign Controller to Room" features a dropdown menu labeled "Room" with "Office" selected. A button below the dropdown reads "Create new room: 'Office'".

Adding additional Ryff streaming devices

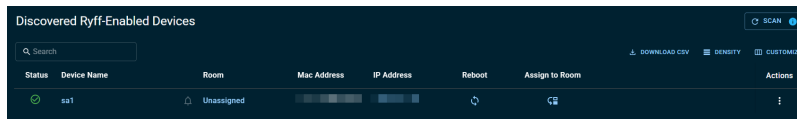
After the initial project setup, you can add additional streaming devices for other rooms in the project.

1. In **OvrC > Devices**, click on **ADD DEVICE** or **SCAN**. You can use **SCAN** to search the network for other Ryff streaming devices or **ADD DEVICE** to enter the device using the device MAC address.



It can take several minutes for the scan to complete depending on the network setup. The top section shows any devices that are already in the project. The bottom section shows discovered devices. If you only have one device, you can move on to ["Updating Ryff streaming devices"](#) below.

2. In the **Discovered Ryff- Enabled Devices** section, add any extra devices to the configuration by clicking on the **Assign to Room** option.

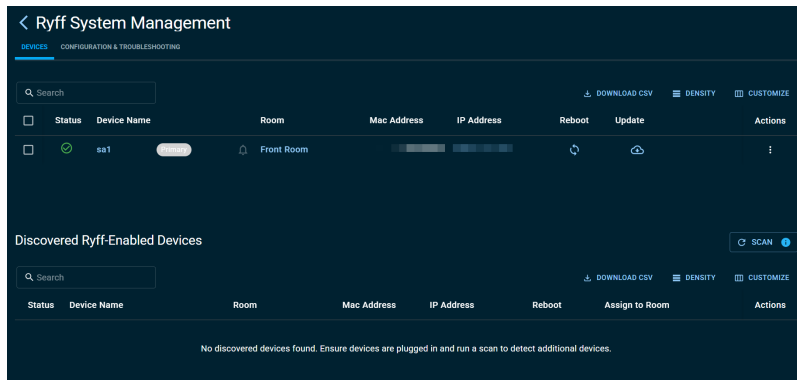


As with the first device, assign the device to a room. Start typing the name of the room to create or select a room and then click **CONTINUE**. Additional devices need to be in their own room - one Ryff streaming device per room.

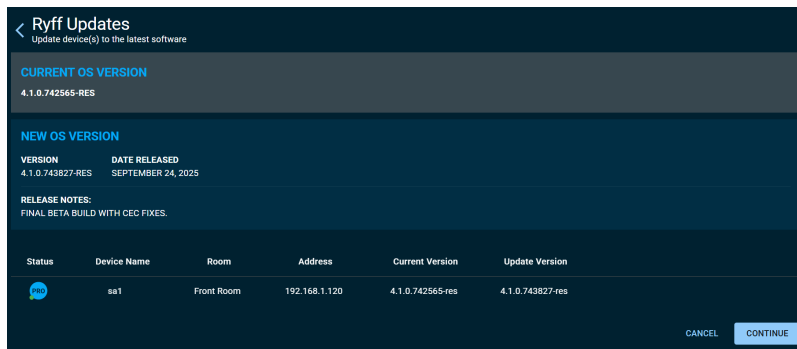
Updating Ryff streaming devices

After you have added the Ryff streaming devices to your project, update to the latest (4.2.0 or newer) version before you can configure these devices. If you have more than one device, make sure all of your devices are first moved to a room before beginning the update.

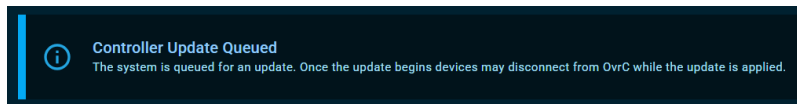
1. In **OvrC > CATEGORIES > Entertainment > Configuration > Ryff System > MANAGE**, click on the **update** icon.



2. The update can take from 30- 45 minutes depending on the number of devices you have in the project. Click on **CONTINUE** to start the update.



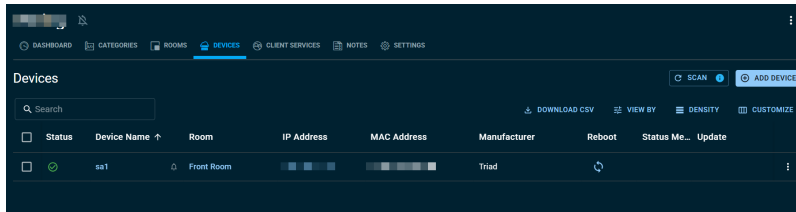
3. A banner on top of the OvrC page changes to show the update in progress.



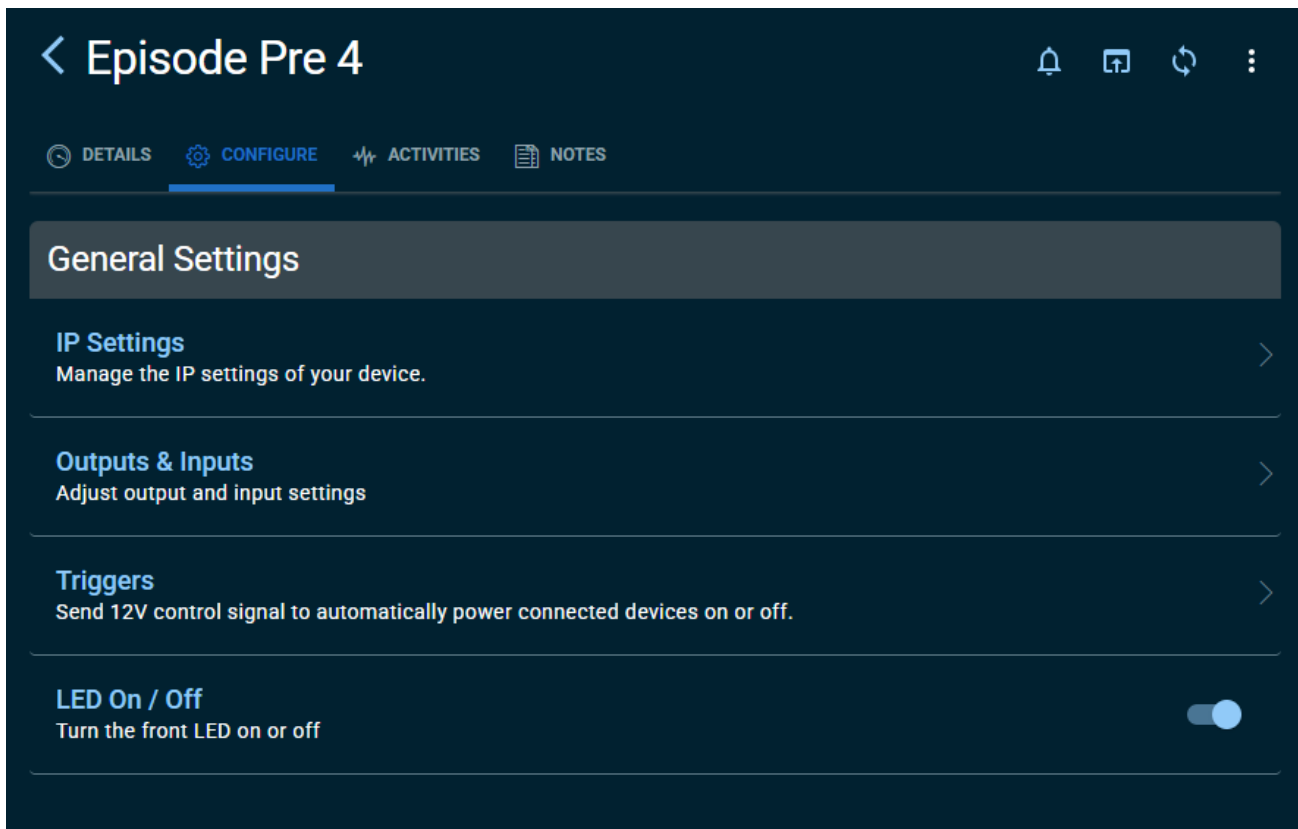
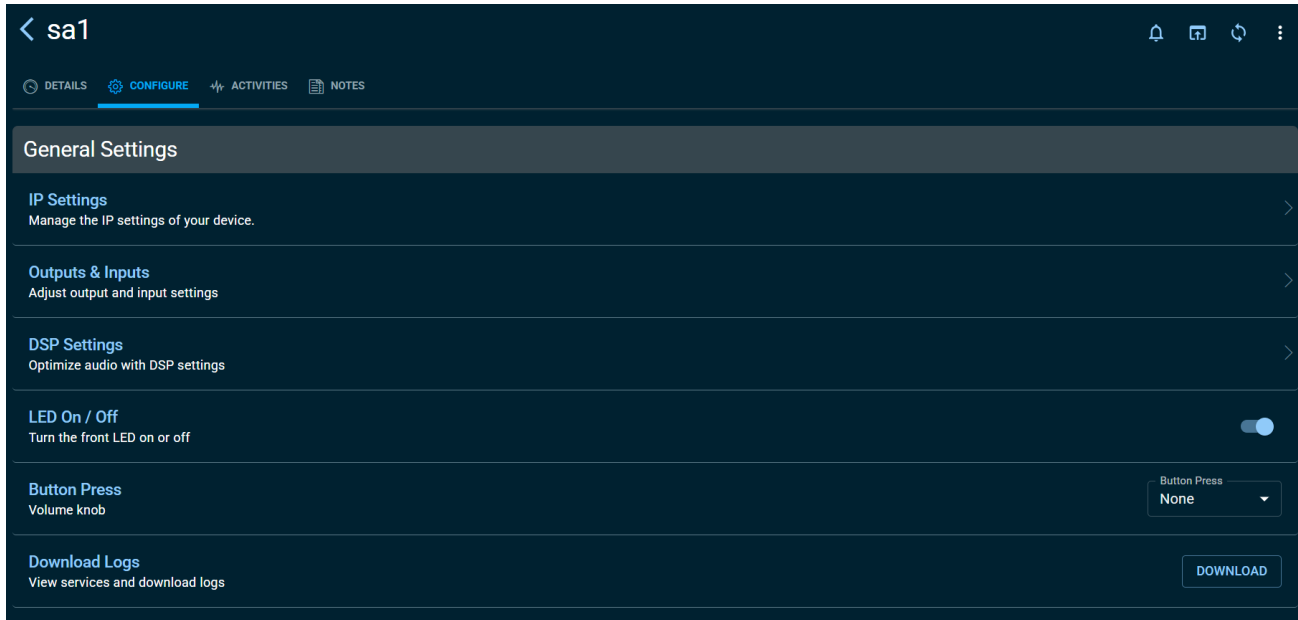
Ryff Audio Configuration

After all of your Ryff streaming devices have updated, you can move on to the audio configuration of the devices.

1. In **OvrC > Devices**, click on the name of your Ryff streaming device, for example, **sa1pre-4**.

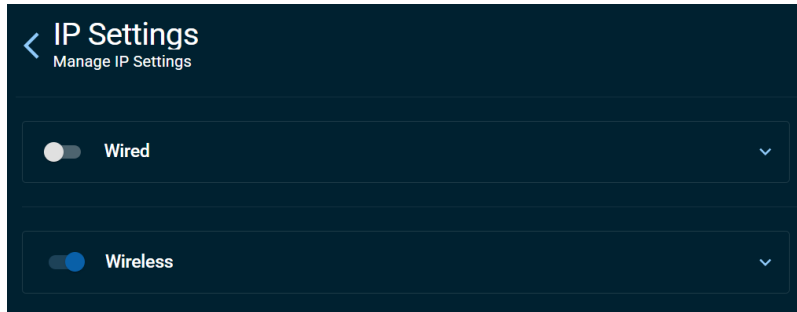


2. Click on the **CONFIGURE** tab.



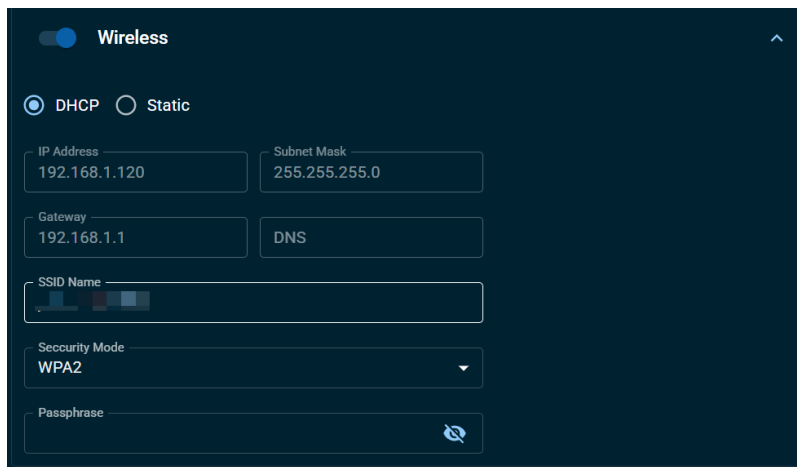
IP Settings

Manage the IP settings of your device and you can configure your device for Wireless.



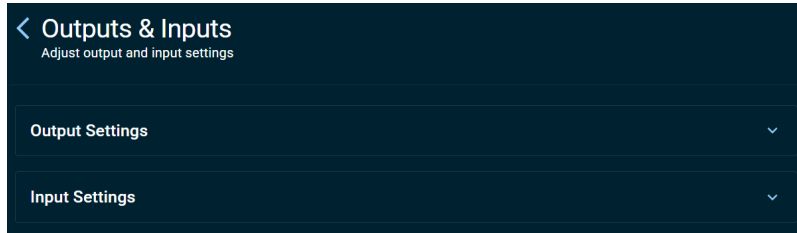
To configure your device for Wireless, toggle on **Wireless** and expand the section.

Enter your settings for **DHCP/Static**, **SSID Name**, **Security Mode**, and **Passphrase**. Test your settings and if they work, click **SAVE**.

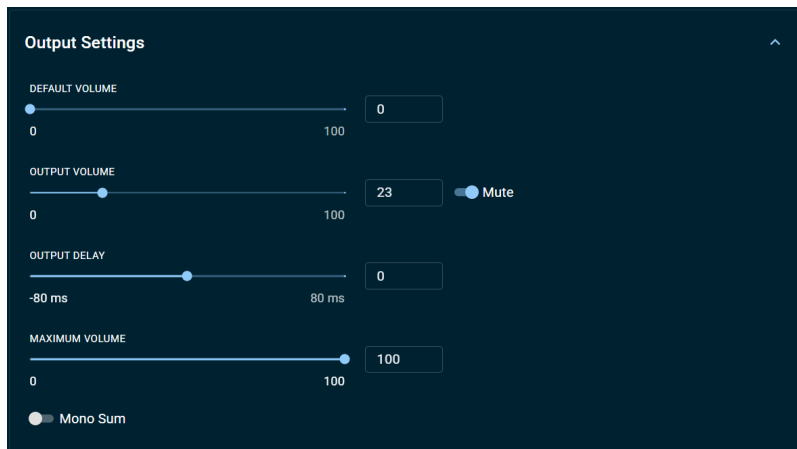


Outputs & Inputs

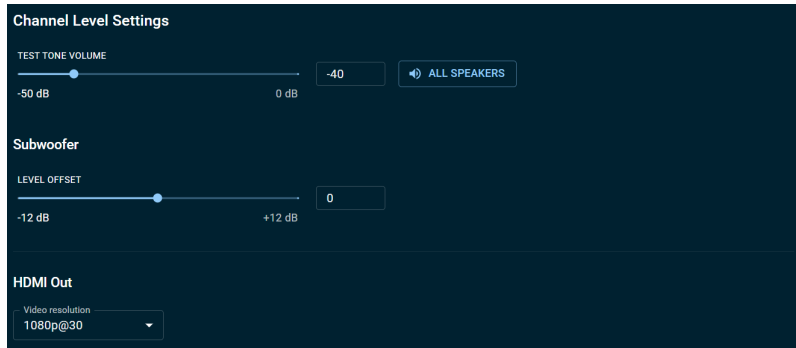
Adjust output and input settings



Expand the menu for Output Settings to adjust **DEFAULT VOLUME**, **OUTPUT VOLUME**, **Mute**, **OUTPUT DELAY**, **MAXIMUM VOLUME**, and toggle on/off **Mono Sum**.



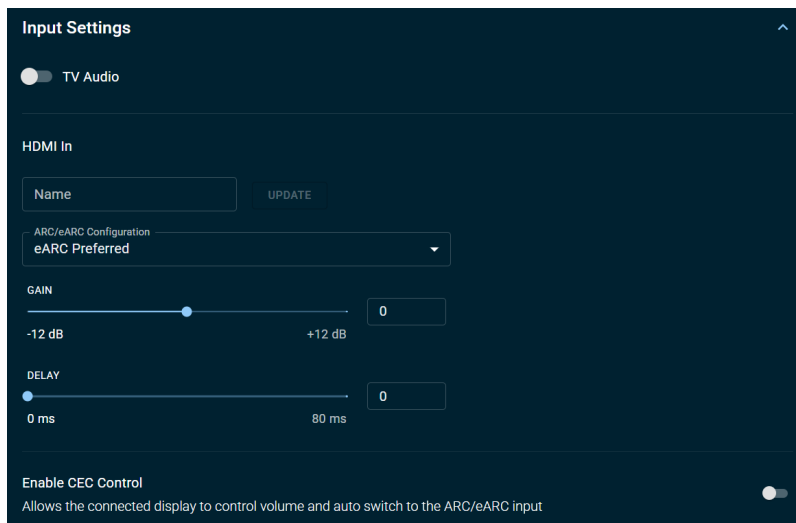
Channel Level Settings



- Set a **TEST TONE VOLUME** and click on **ALL SPEAKERS** to generate a test tone.
- Use the slider to set the Subwoofer **LEVEL OFFSET**.
- Select the HDMI Out video resolution: **1080p @ 30**, **1080p @ 24**, or **1010p @ 25**

Input Settings

Expand the menu for **Input Settings** to toggle **TV Audio** and adjust **HDMI In** settings.



- Enter a **Name** to show on the Ryff app, ex: "Living Room TV".
- Adjust ARC/eARC Configuration to choose between **Off**, **ARC only**, or **eARC preferred**.
- Adjust the GAIN and DELAY settings for the HDMI In.



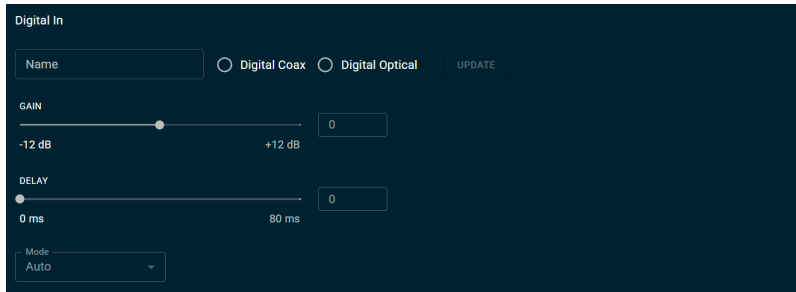
Pro Tip: You can use the DELAY settings to correct for lip sync issues.

- Turn on/off **Enable CEC Control** which allows the connected display to control volume and auto switch to the ARC/eARC input.

Analog In settings

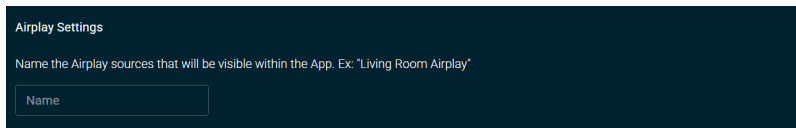
- Enter a **Name** to show on the Ryff app, ex: "Living Room Input".
- Adjust the **GAIN** and **DELAY** settings.
- Select the **Mode** setting, **Auto**, **Direct**, **Direct + Stream**. Direct means the audio can only be played on the speakers attached to the Ryff device. Direct + Stream means the audio can be shared to other Ryff devices.

Digital In settings



- Enter a **Name** to show on the Ryff app, ex: "Living Room TV", and select **Digital Coax** or **Digital Optical**.
- Adjust the **GAIN** and **DELAY** settings.
- Select the **Mode** setting, **Auto**, **Direct**, **Direct + Stream**. Direct means the audio can only be played on the speakers attached to the Ryff device. Direct + Stream means the audio can be shared to other Ryff devices in your Ryff system.

Airplay Settings

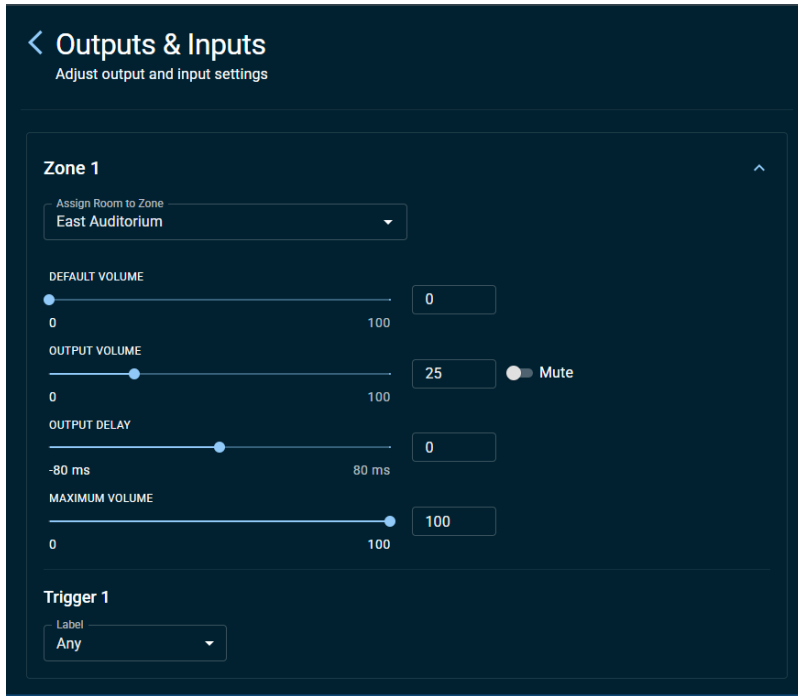


- Enter a **Name** to show on the Ryff app, ex: "Living Room Airplay".

Outputs & Inputs

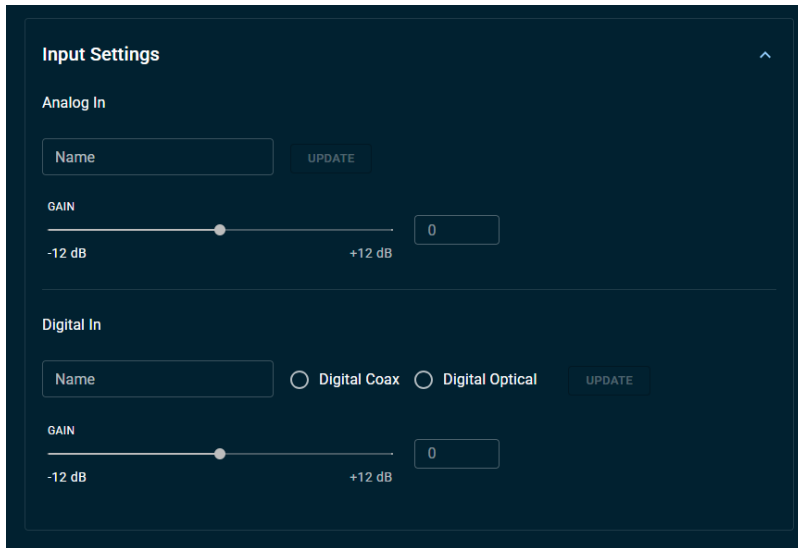
Adjust output and input settings.

Zone 1-4 output settings



Input settings

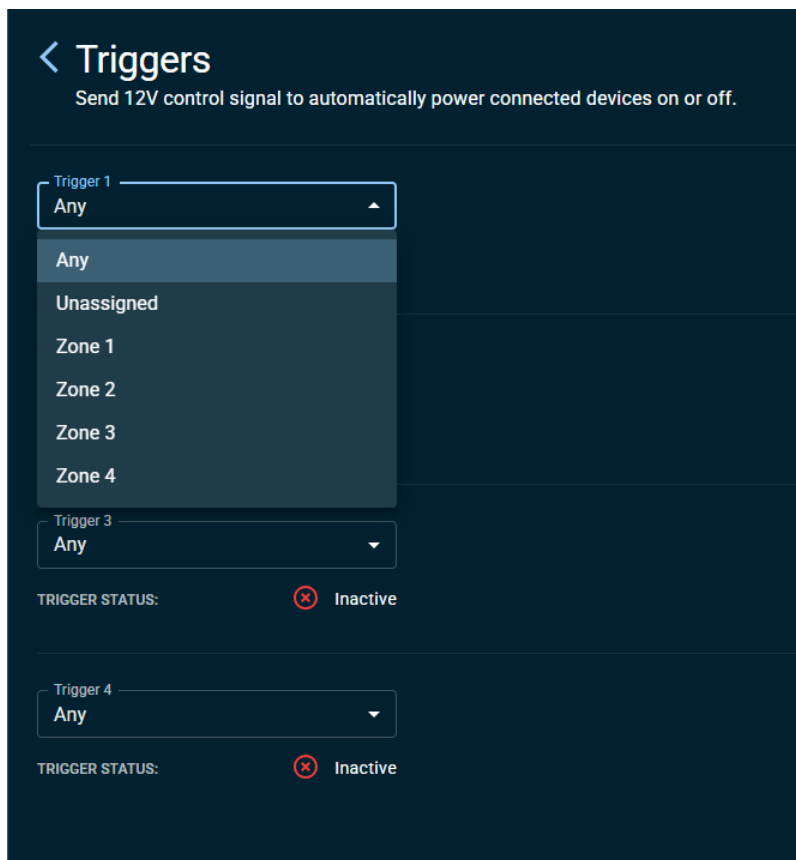
Expand the menu for **Input Settings** to name inputs and adjust gain.



- Enter a Name to show on the Ryff app, ex: "Living Room Input".
- Adjust the **GAIN** setting.
- For **Digital In**, select **Digital Coax** or **Digital Optical**.

Triggers

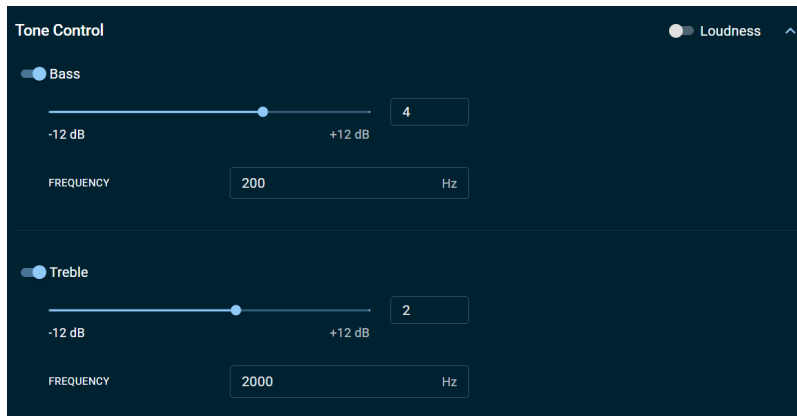
Assign Trigger 1-4 outputs to supply 12V when a specific zone (or any) is active.



DSP Settings

Optimize audio with DSP settings for the audio output from the Ryff device.

Tone Control



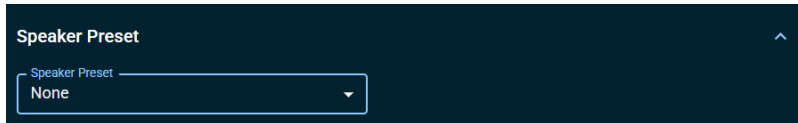
- Toggle on/off the **Loudness** setting.
- Toggle on/off the **Bass** setting. Use the slider to adjust the **dB** adjustment and set the **FREQUENCY** for the Bass crossover.
- Toggle on/off the **Treble** setting. Use the slider to adjust the **dB** adjustment and set the **FREQUENCY** for the Bass crossover.

Subwoofer Control



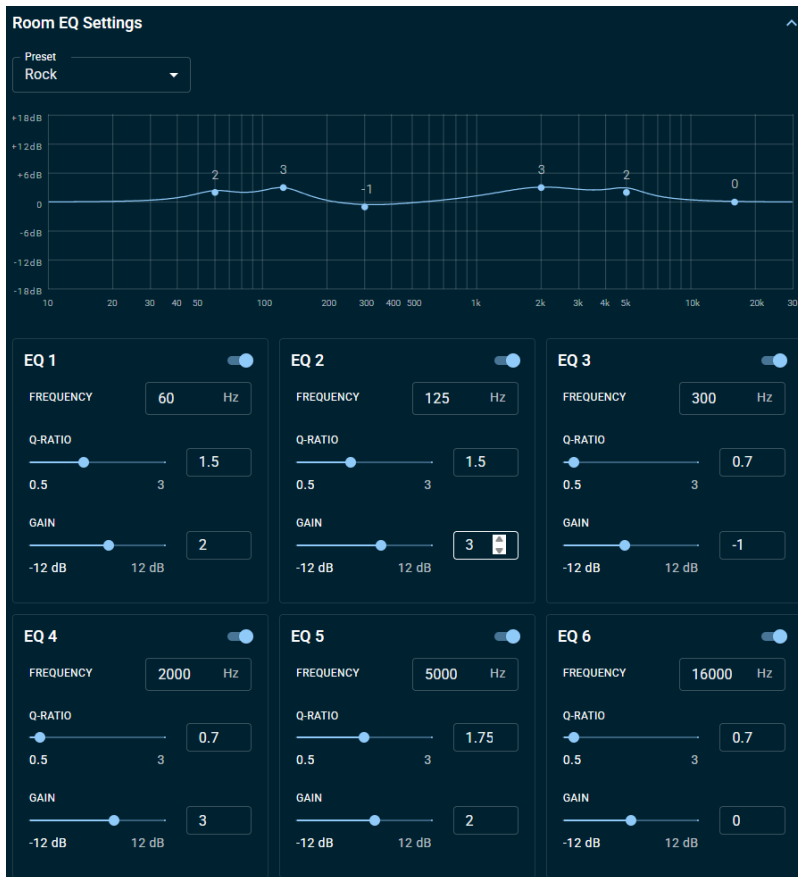
- Click on the toggle in the top right to enable the advanced subwoofer DSP control.
- Use the slider to adjust the **SUBWOOFER LEVEL**
- Select the **Crossover Type** from the menu, **Butterworth 12dB** or **Linkwitz- Riley 24dB**.
- Use the slider to adjust the **CROSSOVER FREQUENCY**.
- Enable **EQ 1**, **EQ 2**, and/or **EQ 3** to enable custom equalizer settings for the subwoofer to adjust **FREQUENCY**, **Q RATIO** and **GAIN**. These custom EQ settings show in the graph.

Speaker Preset



- Select a speaker preset designed for Triad and Episode speakers.

Room EQ Settings



- Select a **Preset** from standard EQ profiles like **Flat**, **Rock**, **Pop**, etc.
- Enable **EQ 1**, **EQ 2**, etc., and/or **EQ 6** to set custom equalizer settings for the speakers to adjust **FREQUENCY**, **Q RATIO** and **GAIN**. These custom EQ settings show in the graph.

LED On / Off

Turn the front LED on or off. The LED shows when music is playing and other troubleshooting message.



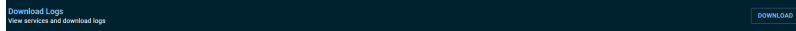
Button Press

Use the menu to select what action happens when the volume knob is pressed, **None**, **Mute Toggle**, or **Room Off**.



Download Logs

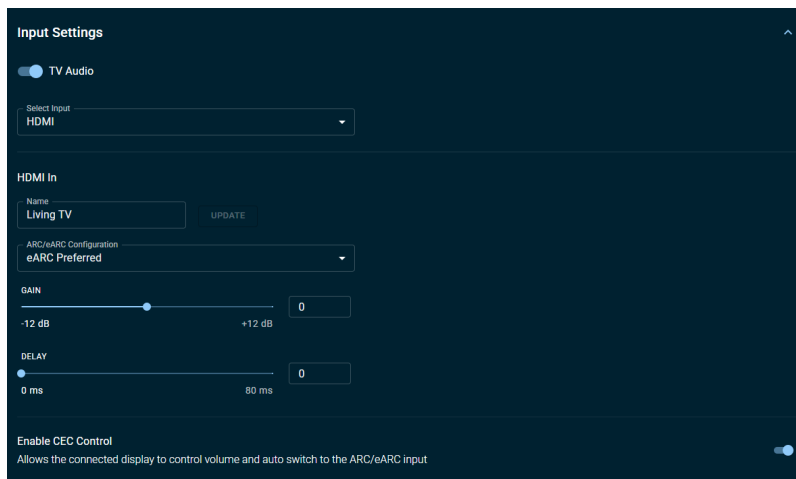
Click on **Download** to view services and download logs.



Connecting the Triad SA1 to a TV

The Triad SA1 can be used as a streaming device only or as an audio output against a television, while also being able to stream audio.


1. To set up this configuration, in OvrC, go to **Devices** > select the **SA1** > **Settings** > **Outputs & Inputs**. section of the settings.
2. In the **Input Settings** section and turn on **TV Audio**.



3. When you turn on TV Audio, OvrC enters a default name of Television. Change that name to something that will represent the actual TV, especially if you are going to be installing more than one SA1 into a location, and click

UPDATE

4. From the **Select Input** setting, choose **HDMI**.
5. In the **ARC/eARC Configuration**, choose the option that matches your TV, or you can leave it at **eARC Preferred**. If your TV is ARC, the SA1 negotiates down to ARC if left at eARC Preferred.
6. Turn on the **Enable CEC Control** to control the volume of your SA1 device with your TV remote.

 **Note:** The HDMI cable going from your SA1 to the TV needs to be using the HDMI port on the TV that is labeled to use ARC or eARC.

Setting up ARC on your TV


After setting up the configuration within OvrC, you need to set up ARC/eARC and CEC on the television. Each television is different in its configuration of these settings, but the ARC/eARC setting is typically under the Audio section and CEC is often under an Advanced setting section.

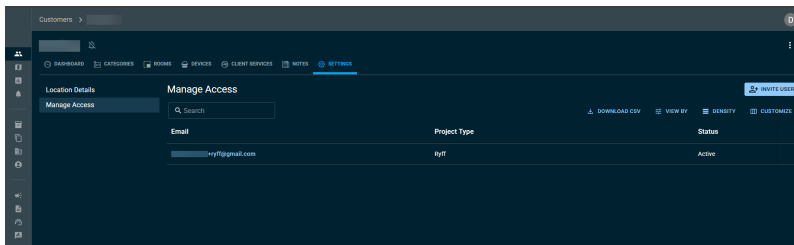
Also to note, with Ryff there are three things supported for CEC: power on/off, volume up/down, and mute/unmute. One common item to show up in a CEC configuration on a TV is syncing of the power. If this option is there, you want to enable it. If there are features available in the TV configuration outside of the three listed, the SA1 will not support those.

Handoff Ryff system to customer

Now that you have setup the configuration of your Ryff streaming devices, it is time to hand it off to your customer.

1. In OvrC, under the Location menu, go to **SETTINGS > Manage Access** and click on **INVITE USER**.
2. Enter the email for the customer. The email cannot be an email that has already been used for an existing Ryff or Control4 system.

 **Pro Tip:** For testing, you can use "<email>+ryff@<emailserver.com>" or another phrase in place of "ryff" and OvrC will strip those off for sending the email (as in this example) but you will need the whole "<email>+ryff@<emailserver.com>" for logging in.



The homeowner should then receives an email similar to the one below.

Welcome to Ryff

We are excited to help you make the most of your system. To get you started, [redacted] has invited you to log on to the Ryff app for account creation.

LET'S START

Download the Ryff app on your device if you haven't done so.



Here is your personalized invitation code.



1. Open your Ryff app.
2. Click "**Register**".
3. Enter your invitation code.
4. Enter the email address that received the invitation code.
5. Enter a password of your choosing following the guidelines.
6. Follow the guided setup to finalize your account creation.

Enjoy Your Experience.

Setting up the Ryff app

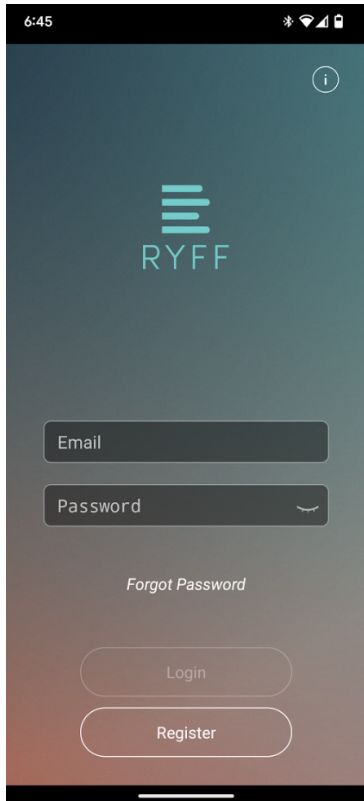
After you invite your customer through OvrC, and they receive the welcome email, they can download the app through the links in the email.

1. Download the app.

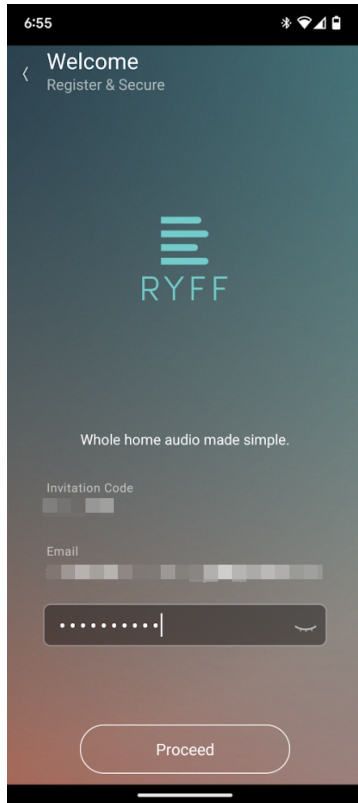




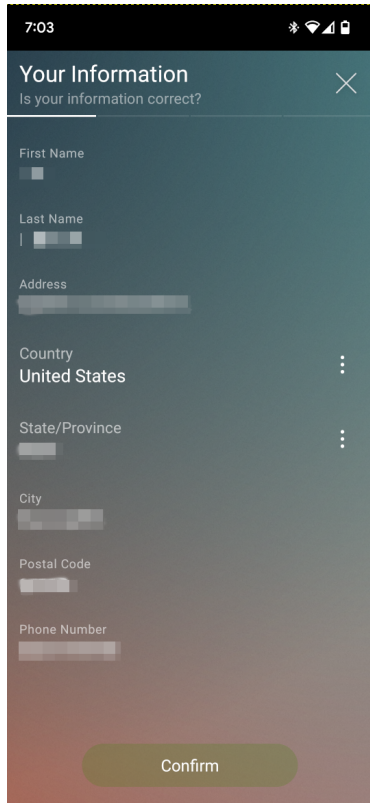
2. After the app is downloaded, start the app and click on the **Register** button.



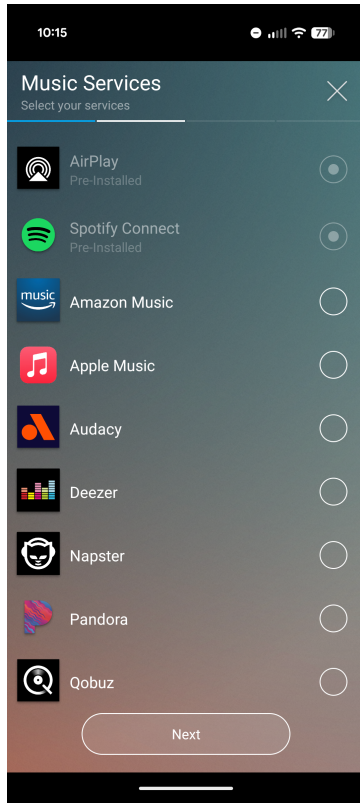
3. Enter the **Invitation Code** from the email the Email field should match the email that the notification was sent to and enter a new password into the **Password** field. Click on **Proceed**.



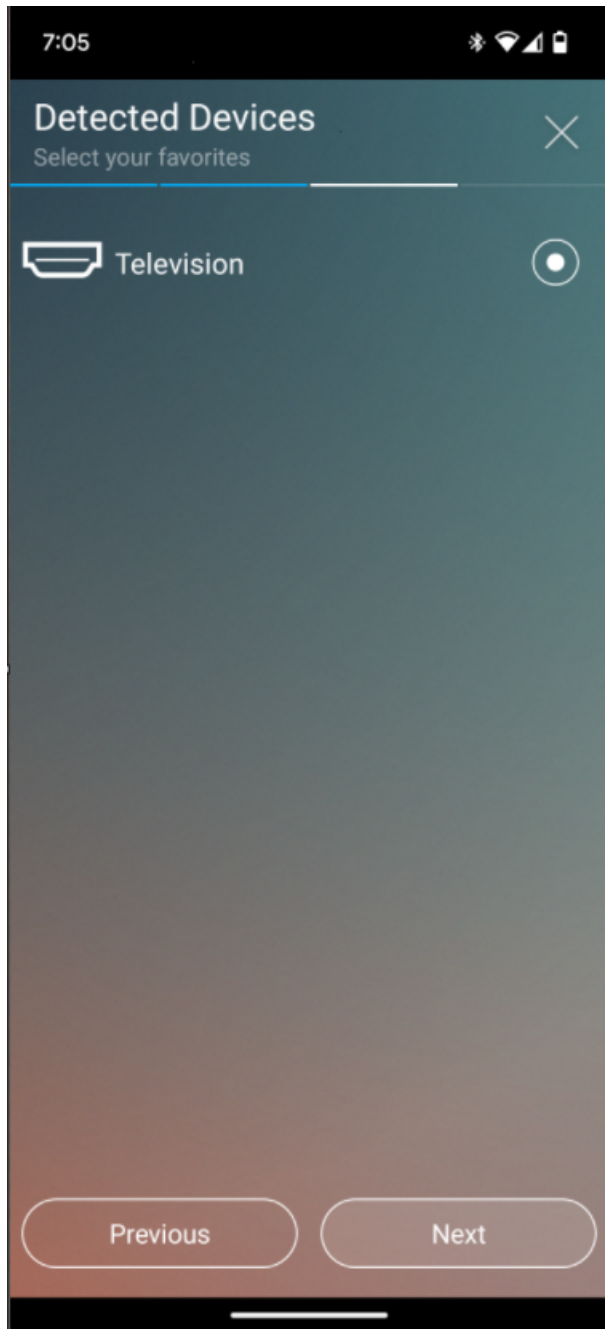
4. Confirm your information or click the button and edit the country or location.



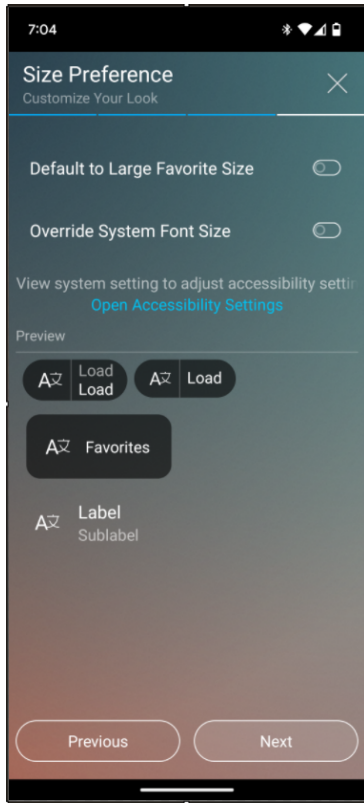
5. Select the music services you want installed on your system .



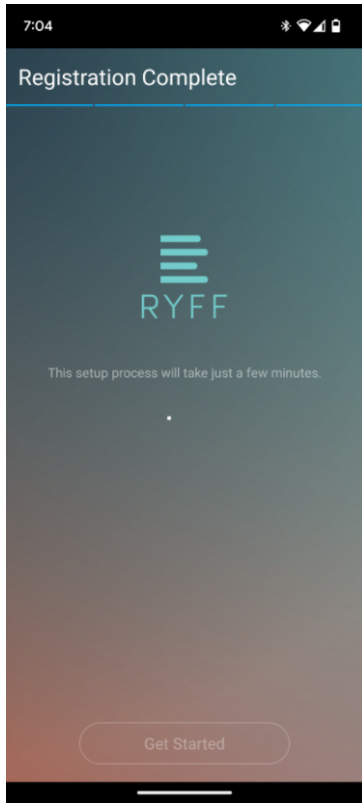
6. Select the configured devices you want to show on your app.



7. Choose the look and feel of your icons and font.



8. After the setup is complete, click on **Get Started** to go to your home page.



Smart Skills: Configuring a Ryff Project

Watch [this video](#) on the Education Portal for credit.

Smart Skills: Adding Zones to a Ryff Project

Watch [this video](#) on the Education Portal for credit.

Smart Skills: Configuring a Ryff Project for TV Audio

Watch [this video](#) on the Education Portal for credit.

Ryff Frequently Asked Questions



What is changing with Ryff and Control4?

Nothing, the Ryff platform you know and love today will continue to power the Listen Experience available within all Control4 projects. Additionally, the Ryff platform can now be used natively with the new Ryff app (for iOS or Android) on Ryff-enabled devices such as the Triad SA1 and Episode Pre-4, allowing you to give the optimal listening experience to more customers. Since the Ryff app has a similar interface as the Control4 Listen Experience, it will be easier for customers to upgrade into a full Control4 system later, if they wish, without the need to replace all their Ryff-enabled devices.

How can the Ryff platform be used?

The Ryff platform is used to power the Control4 Listen Experience. There are no changes to the Ryff streaming experience in Control4 with the launch of the new Ryff app.

For smaller projects that only require audio streaming, you can now use the Ryff platform natively with the new Ryff app and the Ryff-enabled Triad SA1 and Episode Pre-4. The Ryff platform is available to set up and configure through OvrC.

The Ryff app is available on iOS and Android devices and features similar functionality to the Control4 Listen Experience. The Ryff app can access a broad selection of music by integrating with popular streaming services including Apple Music®, Pandora™, Spotify®, TIDAL®, and more.

Can Ryff be used for multi-room audio projects?

Yes, Ryff can be used with multiple grouped Triad SA-1 streaming amplifiers or the Episode 4-Zone Streaming Pre-Amplifier for a seamless multiroom audio experience. This type of installation can support up to 10 zones of streaming audio, one per Triad SA-1 unit or 4 per Episode Pre-4 unit.

What products can the Ryff app be used with?

The Ryff app is used with the Triad SA1(TS- SA1- 200) and Episode Pre- 4 (ES- STREAM- PRE- 4). Additional products will leverage the Ryff app capability in the future.

How do I upgrade from a Ryff system to a Control4 system ?

While the new Ryff app is great for smaller, audio- only projects, upgrading to a Control4 system brings additional control experiences such as lighting, video, com fort, security, and surveillance into a seam less, award- winning app. To upgrade any Ryff project to a robust, whole- space control experience, simply create a new customer account in OvrC, add a Control4 controller, and use your existing Ryff- enabled devices to deliver the Control4 Listen experience.

Can I use Composer Pro or Composer Express with audio- only Ryff projects?

No, the Ryff platform is not compatible with Composer Pro or Express. All setup, configuration, and troubleshooting are done using OvrC.

If a customer has both a Control4 system and a Ryff system in their project, can they just control both with the Control4 app?

No, audio-only Ryff systems can only be controlled with the Ryff app. Control4 systems, even if they leverage Ryff streaming, are still controlled by Control4 interfaces.

Are there any changes to the Control4 Authorized Dealer Program with the launch of the new Ryff app?

No, ADI remains committed to keeping Control4 products only available to the Control4 Authorized Dealers.

Who do I contact for support if I need assistance troubleshooting the Ryff platform?

ADI's tech support team are available to support the Ryff platform just like any other product sold through ADI.com, SnapAV.com, or any of the local stores.

*Apple Music is a registered trademark of Apple Inc. in the U.S. and other countries and regions.

Ryff Release Notes

The new Ryff app for the Triad SA1 Streaming Amplifier delivers immersive streaming audio experiences that are perfect for smaller jobs with simpler listening needs, providing more flexibility for you and your customers.

The Ryff platform enables seamless integration of high-resolution audio on Ryff-enabled devices from popular streaming services, including Apple Music®, Pandora™, Spotify® and TIDAL®. In addition to delivering Ryff through Control4, you can now provide the same industry-leading experience on audio-only projects using the new Ryff app.

This is the initial release of the Ryff app (425.42.0.6).

Supported Hardware

- Triad SA1 Streaming Amplifier

Known Issues

- Some televisions require you to be on the HDMI input that the SA1 is plugged into in order to respond to a CEC power off command from the app.
- Frame televisions often don't support a power off CEC command so that they can stay on to show their art.

Software Product Release Versions

Ryff OS software releases		
Thursday, Oct 16, 2025	4.10.743827-res	Initial Release.

Ryff app releases		
Thursday, Oct 16, 2025	iOS - 425.410.916 Android - 425.42.0.6	Initial Release.

Technical Support

For chat and telephone, visit snp1.co/techsupport • Email:

TechSupport@SnapOne.com. Visit snp1.co/tc for discussions, instructional videos, news, and more.

Warranty and Legal Notices

Find details of the product's Limited Warranty and other resources such as regulatory notices and patent and safety information, at snapone.com/legal or request a paper copy from Customer Service at **866.424.4489**.

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Arena SKU- A