



# Sony Receiver IP Driver Integration Release Notes

## Content

Introduction...	1
Installation...	2
Configuring the device in Fusion...	3
Contact information...	9

**Last modified:** 11/02/15

## Introduction

The release of the Sony Receiver IP driver allows you to integrate Sony receivers (models listed below) with Clare Home over IP. This integration supports up to three separate entertainment zones.

No software installation or download is necessary. Simply install the Sony receiver, set a static IP address, enable several functions in the receiver, and then select the Sony STR Series 2011 and up template in Fusion.

### **This release supports the following models:**

**Note:** The following models are supported, additional models may be compatible but have not been tested

#### **2012 Models**

- STR-DN1030
- STR-DA2800
- STR-DA1800

#### **2013 Models**

- STR-DN1040
- STR-DA2800ES

#### **2014 Models**

- STR-ZA1000ES
- STR-ZA2000ES
- STR-ZA3000ES
- STR-DN850
- STR-DN-860
- STR-DN1050

## Installation

Only qualified technicians should install or connect any devices used with Clare Controls products. Refer to the installation instructions that came with your Sony receiver. Clare Controls does not assume any responsibility for damages caused by improper installation or connection to the network.

Before configuring the Sony receiver in Fusion, you must set a static IP address, enable Network Standby, Remote Start, and External Control.

**Note:** Menu options may vary by model.

### To set a Static IP address:

1. Access the receiver and press the **Home** button on the remote.  
The menu displays.
2. Browse to **Internet Settings**.  
**Setup > Network Settings > Internet Settings**
3. Select the wired connection method.  
An IPV6 dialog displays.
4. Select **No**, and then the IPV4 configuration displays.
5. Select **Custom**, and then configure the IP address information.
6. Press the right directional arrow on the remote.  
A proxy server dialog displays.
7. Select **No**.  
An IP summary displays.
8. Press the right arrow on the remote, and then select Save and Connect.  
An IP confirmation screen displays.
9. Click **Ok**.  
You are returned to the Network Settings menu.

### To enable Network Standby:

1. Press the **Home** button on the remote to return to the main menu.
2. Browse to **Network Standby**.  
**Setup > System Settings > Quick Start/Network Standby**
3. Toggle the Quick Start/Network Standby option to **On**.
4. Return to the main menu.

### To enable Remote Start and External Control:


1. Press the **Home** button on the remote to return to the main menu.
2. Browse to **Enable External Control**.  
**Setup > Network Settings > External Control**
3. Toggle Enable External Control to **On**.
4. Press the arrow keys on the remote up/down to view Remote Start.
5. Toggle Remote Start to **On**.

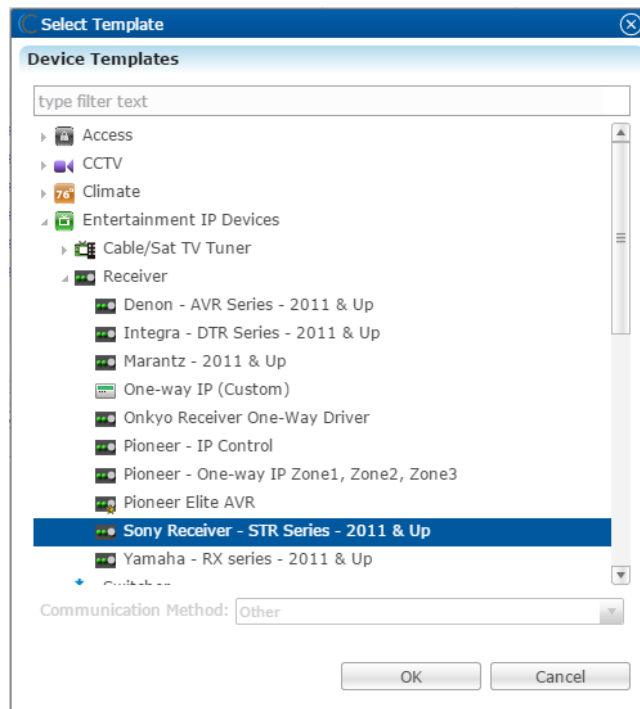
Exit the menu and add the Sony receiver in Fusion.

## Configuring the device in Fusion

Configure the device in Fusion to enable the Sony STR Series receiver to function with the Clare Controls UI.

### To add the Sony STR receiver:

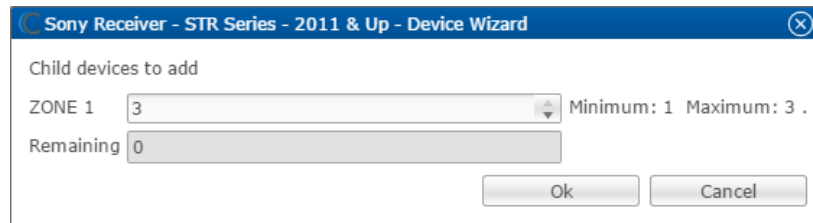
1. Open your Fusion project.
2. Click the **Devices** tab, and then click the **New Device** button .  
The Select Template dialog displays.



3. Browse to Sony Receiver – STR Series – 2011 & UP.
4. **Entertainment IP Devices > Receiver > Sony Receiver – STR Series – 2011 & UP**

5. Click **OK**.

The Sony Receiver – STR Series 2011 and Up – Device Wizard displays.

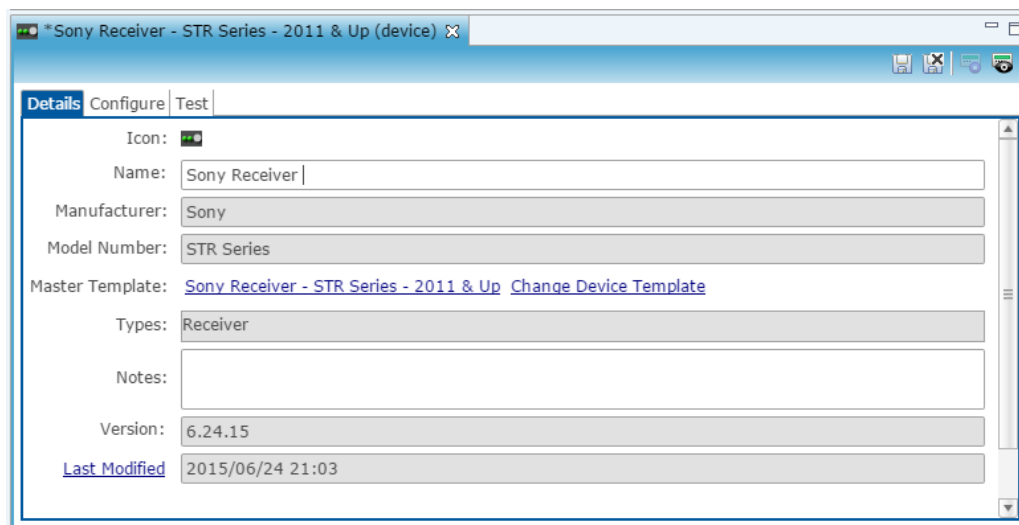


The dialog box is titled "Sony Receiver - STR Series - 2011 & Up - Device Wizard". It contains a section "Child devices to add" with a "ZONE 1" dropdown menu set to "3" and a "Remaining" field set to "0". To the right of the dropdown, it says "Minimum: 1 Maximum: 3". At the bottom right are "Ok" and "Cancel" buttons.

6. Select the number of zones, and then click **OK**.

**Note:** There is a maximum of 3 zones.

7. The **Devices** tab displays. If desired, enter a name and notes for the device.



The window is titled "\*Sony Receiver - STR Series - 2011 & Up (device)". It has three tabs: "Details", "Configure", and "Test". The "Details" tab is active. It contains the following fields:

- Icon:
- Name: Sony Receiver
- Manufacturer: Sony
- Model Number: STR Series
- Master Template: [Sony Receiver - STR Series - 2011 & Up](#) [Change Device Template](#)
- Types: Receiver
- Notes: (empty text area)
- Version: 6.24.15
- Last Modified: 2015/06/24 21:03

8. Click the **Configure** tab, and then enter the Network Address and verify that the Network Port is set to 33335.



The window is titled "\*Sony Receiver". It has three tabs: "Details", "Configure", and "Test". The "Configure" tab is active. It shows a "Configuration Properties" table with the following data:

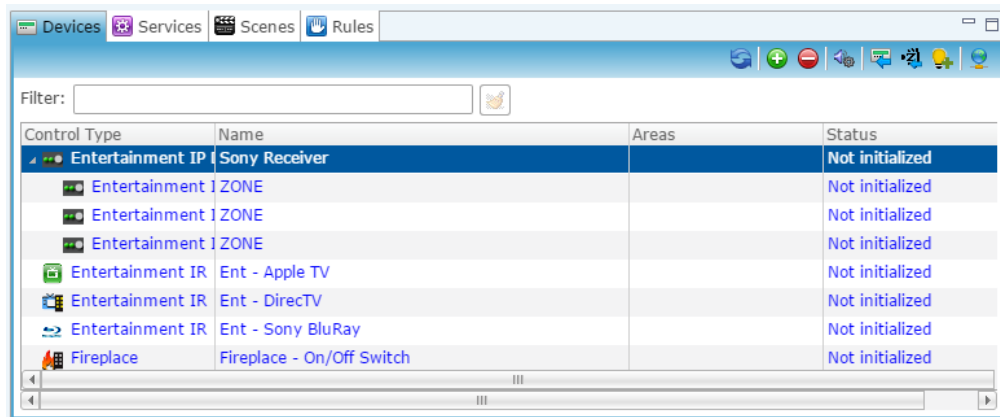
Name	Value	Mandatory	Description
<b>General</b>			
Network Address	10.100.30.39	no	This is a device configuration property used by ALL HDM ada
Network Port	33335	no	This is a device configuration property used by ALL HDM ada
Custom/Additional Pr			

9. Click the **Save** button .

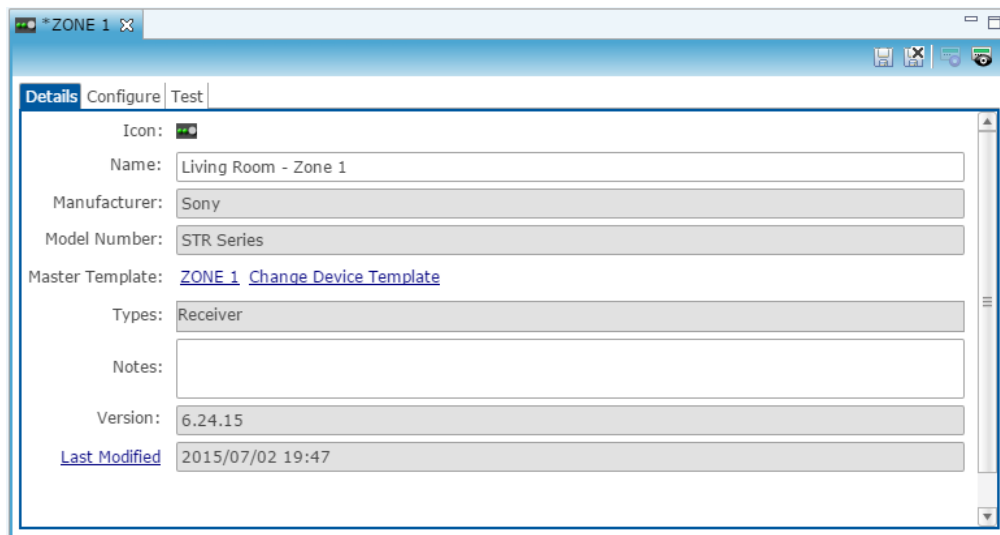
## To configure the entertainment zones:

1. Return to the **Devices** tab and expand the Sony IP receiver to view the zones.

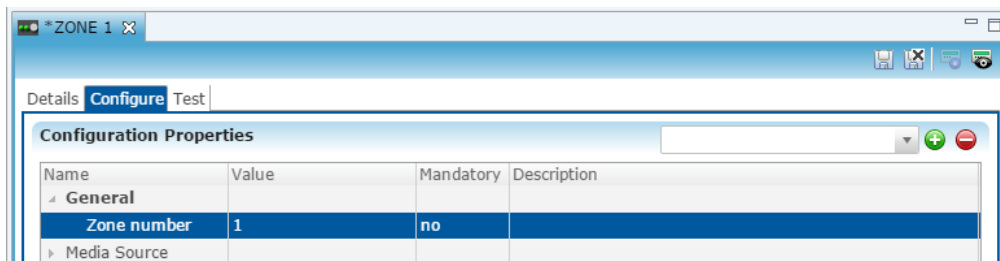
**Note:** All zones are labeled as ZONE by default.




2. Double-click a zone to configure it. The **Details** tab displays, enter a name and notes for that zone.




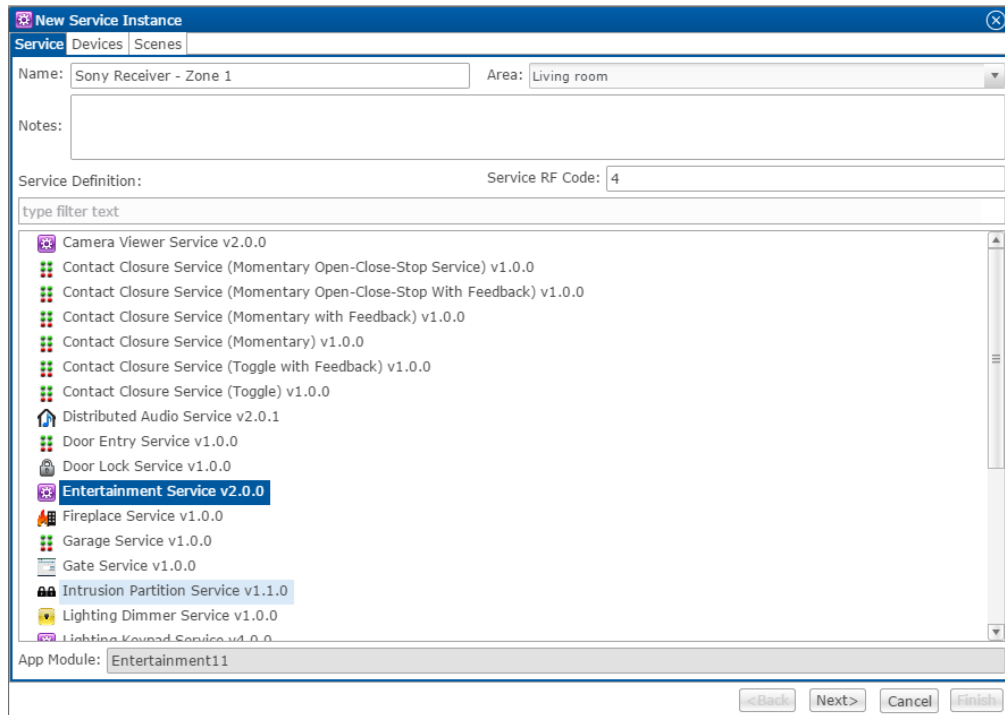
3. Click the **Configure** tab, and then enter the zone number in the **Value** field.



4. Click the **Save and Close** button .
5. Repeat steps 1 through 4 for each zone.

## To create a service for the Sony receiver:

1. Click the **Services** tab, and then click the **New Service Instance** button . The New Service Instance dialog displays.



The **New Service Instance** dialog box is shown with the **Service** tab selected. The **Name** field contains "Sony Receiver - Zone 1" and the **Area** dropdown is set to "Living room". The **Notes** field is empty. The **Service Definition** field is empty, and the **Service RF Code** is set to "4". A list of services is displayed below, with "Entertainment Service v2.0.0" selected. The **App Module** is set to "Entertainment11".

Service Definition: Service RF Code: 4

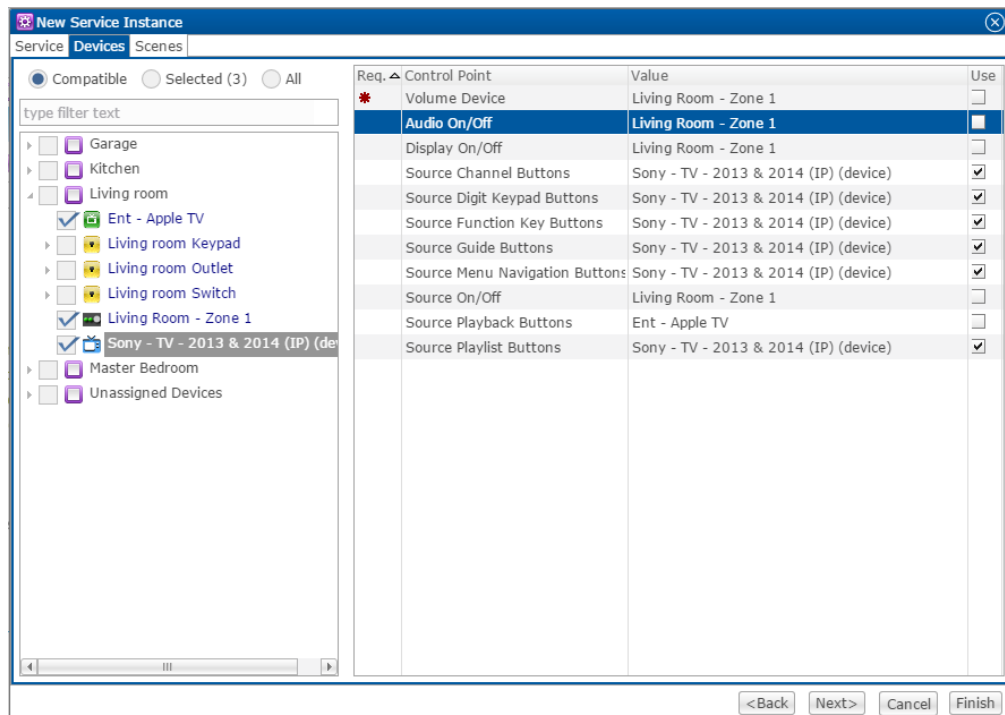
type filter text

- Camera Viewer Service v2.0.0
- Contact Closure Service (Momentary Open-Close-Stop Service) v1.0.0
- Contact Closure Service (Momentary Open-Close-Stop With Feedback) v1.0.0
- Contact Closure Service (Momentary with Feedback) v1.0.0
- Contact Closure Service (Momentary) v1.0.0
- Contact Closure Service (Toggle with Feedback) v1.0.0
- Contact Closure Service (Toggle) v1.0.0
- Distributed Audio Service v2.0.1
- Door Entry Service v1.0.0
- Door Lock Service v1.0.0
- Entertainment Service v2.0.0**
- Fireplace Service v1.0.0
- Garage Service v1.0.0
- Gate Service v1.0.0
- Intrusion Partition Service v1.1.0
- Lighting Dimmer Service v1.0.0
- Lighting Control Service v1.0.0

App Module: Entertainment11

< Back Next > Cancel Finish

2. Enter the name of the service in the **Name** field, select the area, and then click Entertainment Service.
3. Click **Next** to display the **Devices** tab.



The **New Service Instance** dialog box is shown with the **Devices** tab selected. The **Compatible** radio button is selected. The **Selected (3)** radio button is also selected. The **All** radio button is unselected. The **type filter text** field is empty. The **Living room** area is selected, and the **Ent - Apple TV** device is selected. The **Living room - Zone 1** device is also selected. The **Living room Outlet** device is also selected. The **Living room Switch** device is also selected. The **Living Room - Zone 1** device is also selected. The **Sony - TV - 2013 & 2014 (IP) (device)** device is also selected. The **Master Bedroom** area is unselected. The **Unassigned Devices** area is unselected.

Req.	Control Point	Value	Use
*	Volume Device	Living Room - Zone 1	<input type="checkbox"/>
	Audio On/Off	Living Room - Zone 1	<input checked="" type="checkbox"/>
	Display On/Off	Living Room - Zone 1	<input type="checkbox"/>
	Source Channel Buttons	Sony - TV - 2013 & 2014 (IP) (device)	<input checked="" type="checkbox"/>
	Source Digit Keypad Buttons	Sony - TV - 2013 & 2014 (IP) (device)	<input checked="" type="checkbox"/>
	Source Function Key Buttons	Sony - TV - 2013 & 2014 (IP) (device)	<input checked="" type="checkbox"/>
	Source Guide Buttons	Sony - TV - 2013 & 2014 (IP) (device)	<input checked="" type="checkbox"/>
	Source Menu Navigation Buttons	Sony - TV - 2013 & 2014 (IP) (device)	<input checked="" type="checkbox"/>
	Source On/Off	Living Room - Zone 1	<input type="checkbox"/>
	Source Playback Buttons	Ent - Apple TV	<input type="checkbox"/>
	Source Playlist Buttons	Sony - TV - 2013 & 2014 (IP) (device)	<input checked="" type="checkbox"/>

< Back Next > Cancel Finish

4. In the left panel, select the devices you want to use in the service.
5. In the right panel, set the values for each control point.  
Click the **Value** field to view the drop-down menu, and then select the device.
6. Click **Next** to display the **Scenes** tab.

**New Service Instance**

Service | Devices | **Scenes**

**Start Sequence**

☒ Uses Scene:

☐ Create new Scene: + - ↑ ↓

Device	Function	Operation	Delay (sec)

**Stop Sequence**

☒ Uses Scene:

☐ Create new Scene: + - ↑ ↓

Device	Function	Operation	Delay (sec)

<Back   Next>   Cancel   Finish

### To configure the scene:

1. In the **Start Sequence** field, select **Create new Scene**, and then click the **New Device Operation** button +.

**Edit Service Instance**

Service | Devices | **Scenes**

**Start Sequence**

☐ Uses Scene:

☒ Create new Scene: + - ↑ ↓

Device	Function	Operation	Delay (sec)

New Device Operation

2. Configure the Device, Function, and Operation drop-down menus with the following values.

**Device:** Select the desired receiver zone or device.

**Function:** Select the desired function to use for the receiver zone – for example, Switch.

**Operation:** The desired function state – for example, Turn On.

**New Service Instance**

Service | Devices | **Scenes**


▼ **Start Sequence**

☐ Uses Scene:

☒ Create new Scene:

Device	Function	Operation	Delay (sec)
Living Room Zone 1	Switch	Turn On ()	0.00

+ - ↑ ↓

- Repeat steps 1 and 2 for each being used.
- Go to the **Stop Sequence** field, select **Create new Scene**, and then click the **New Device Operation** button .

**Edit Service Instance**

Service | Devices | **Scenes**

▼ **Stop Sequence**

☐ Uses Scene:

☒ Create new Scene:

New Device Operation + - ↑ ↓

Device	Function	Operation	Delay (sec)
--------	----------	-----------	-------------

- Configure the Device, Function, and Operation drop-down menus with the desired values.

**New Service Instance**

Service | Devices | **Scenes**

▼ **Start Sequence**

☐ Uses Scene:

☒ Create new Scene:

Device	Function	Operation	Delay (sec)
Sony - TV - 2013 & 2014 (IP) (device)	Switch	Turn On ()	0.00
Living Room - Zone 1	Switch	Turn On ()	0.00
Ent - Apple TV	Menu Navigation	Title Menu ()	0.00

+ - ↑ ↓

▼ **Stop Sequence**

☐ Uses Scene:

☒ Create new Scene:

Device	Function	Operation	Delay (sec)
Sony - TV - 2013 & 2014 (IP) (device)	Switch	Turn Off ()	0.00

+ - ↑ ↓

< Back Next > Cancel Finish

- Repeat steps 4 and 5 for the other devices being used with the receiver.
- Click **Finish**.
- Deploy the project.



## Contact information

Clare Controls, Inc.  
7519 Pennsylvania Ave, Suite 104  
Sarasota, FL 34243  
Support: 941.404.1072  
Fax: 941.870.9646  
[claresupport@clarecontrols.com](mailto:claresupport@clarecontrols.com)  
[www.clarecontrols.com](http://www.clarecontrols.com)