



DirecTV IP Driver Integration Release Notes

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Last modified: 05/04/18

Introduction

The release of the DirecTV IP driver lets you integrate DirecTV brand receiver models HR34 and HR44 with the Clare Controls Network. Customers can now control their DirecTV through IP using the ClareHome application (app). IR is no longer needed. No software installation or download is necessary. Simply connect the DirecTV unit to the home network, and then select the DirecTV template in Fusion.

Notes

- The customer must have an existing DirecTV account.
- Client boxes are supported in addition to the DirecTV Genie, but they cannot be powered on/off.

Installation

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

To connect the DirecTV receiver to home data network:

1. Attach one end of an Ethernet cable (not included) to the Ethernet port on the back of the DirecTV receiver.
2. Attach the other end of the cable to the Ethernet port on the router.


Note: We recommend setting a static IP for the DirecTV receiver.

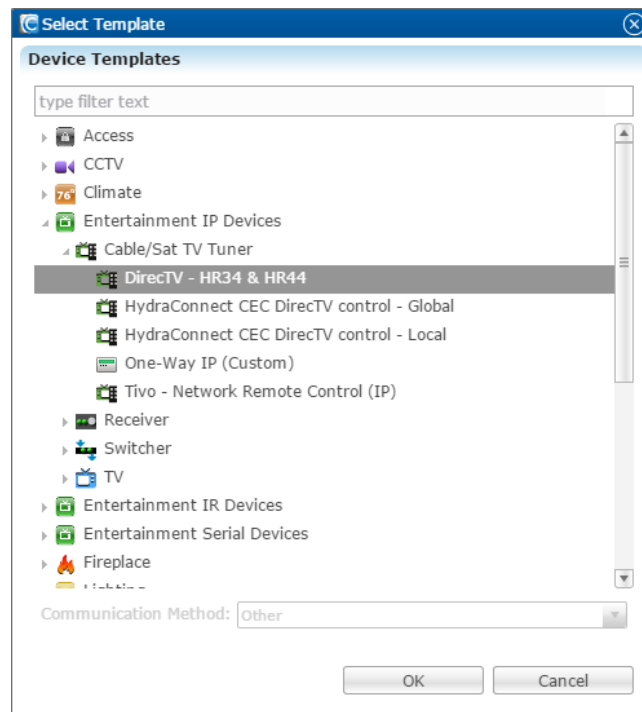
Configuring in Fusion

Configure the device in Fusion to enable the DirecTV receiver to function with the Clare Controls UI.

Note: Each DirecTV device must be added individually.

To add the DirecTV- IP Driver:

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

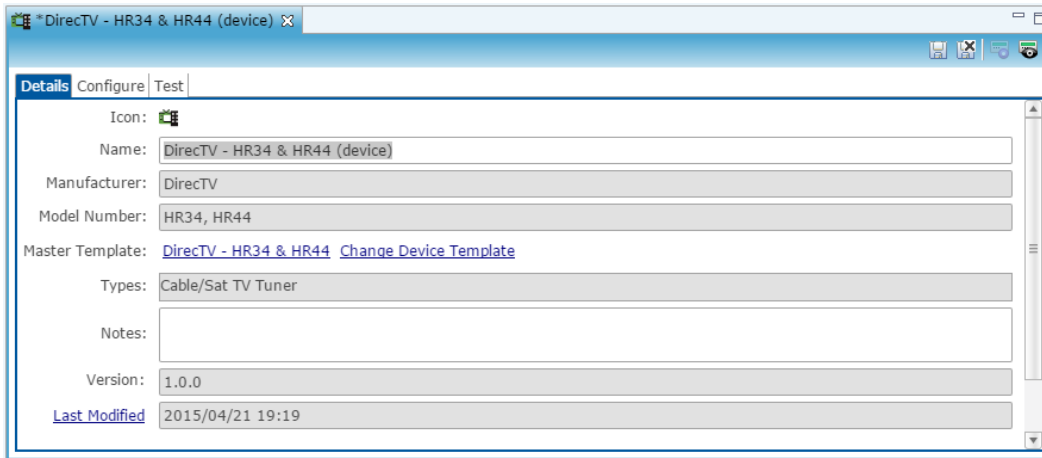


3. Browse to **DirecTV – HR32 & HR44**.

Entertainment IP Devices > Cable/Sat TV Tuner > DirecTV – HR34 & HR44

4. Click **OK**.

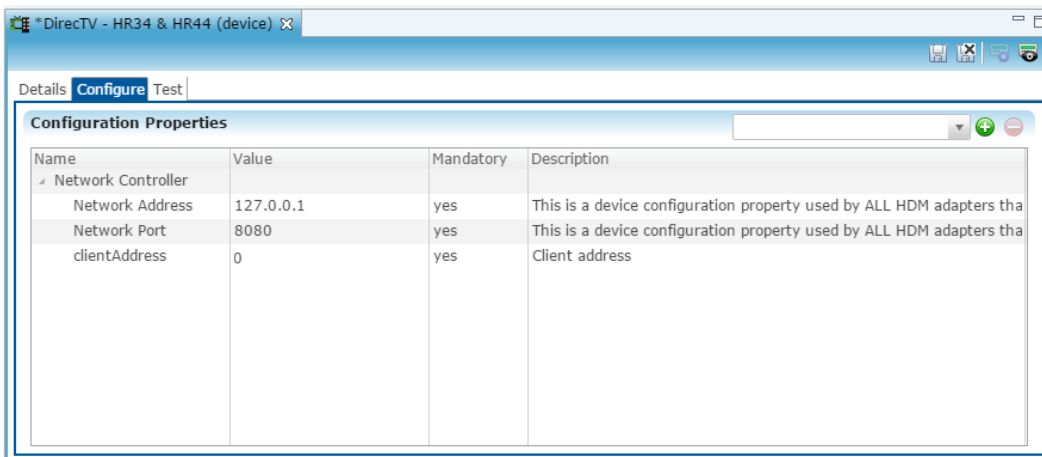
The device **Details** tab displays.



The screenshot shows a window titled "DirecTV - HR34 & HR44 (device)". The "Details" tab is active, displaying the following information:

- Icon:
- Name: DirecTV - HR34 & HR44 (device)
- Manufacturer: DirecTV
- Model Number: HR34, HR44
- Master Template: [DirecTV - HR34 & HR44](#) [Change Device Template](#)
- Types: Cable/Sat TV Tuner
- Notes: (empty text area)
- Version: 1.0.0
- Last Modified: 2015/04/21 19:19

5. In the **Name** and **Notes** fields, enter a name to help you identify the device and any additional notes about the device.
6. Click the **Configure** tab and enter the device's address in the **Network Address** field.
7. Enter the client address in the **clientAddress** field.
If this is the main DirecTV Genie, this number is 0.



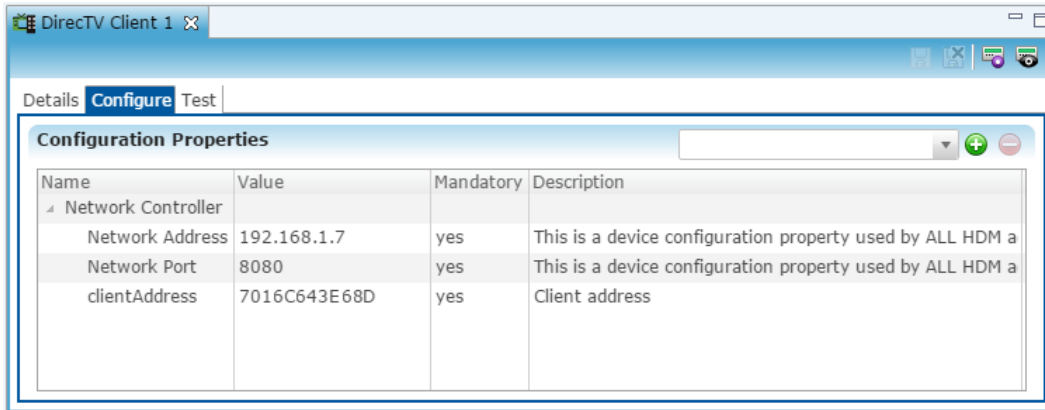
The screenshot shows the "Configure" tab in the same window. It displays a table of configuration properties:

Name	Value	Mandatory	Description
Network Controller			
Network Address	127.0.0.1	yes	This is a device configuration property used by ALL HDM adapters tha
Network Port	8080	yes	This is a device configuration property used by ALL HDM adapters tha
clientAddress	0	yes	Client address

If the device being added is a client device, the clientAddress is the device's MAC address.

Notes


- The MAC address is case sensitive and must have all colons removed. All Alphabet characters should be capitalized.
- The DirecTV Genie and client device's use the Genie's IP address. Do not use the individual client device's IP address.

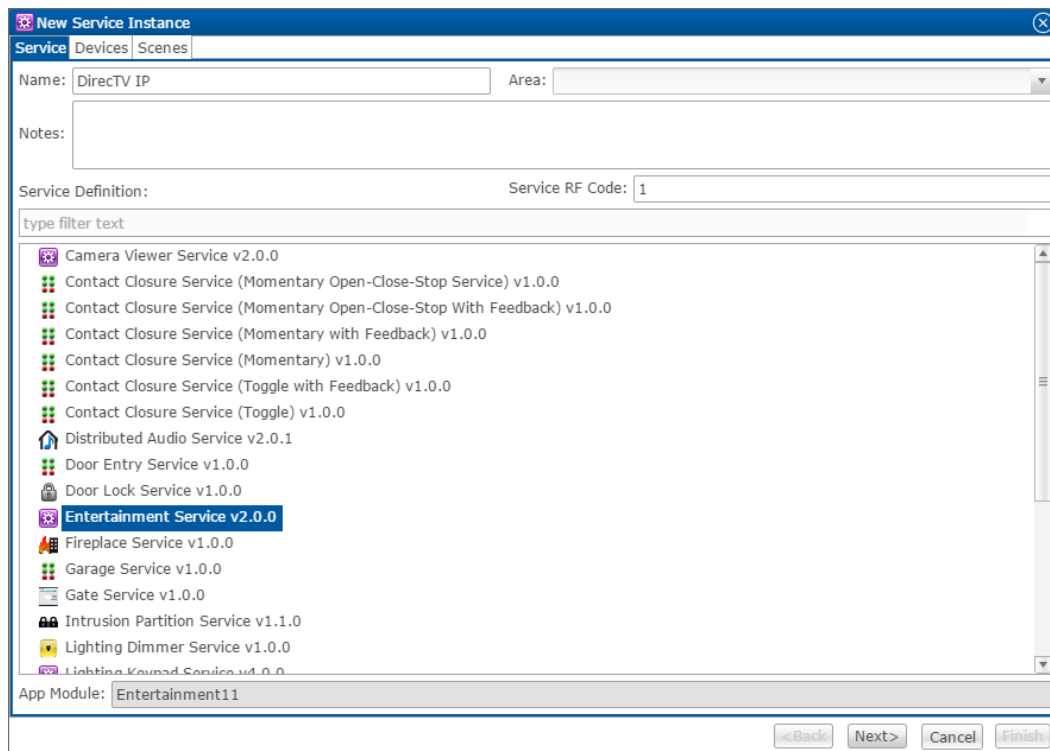


8. Verify that the **Network Port** field is set to 8080.

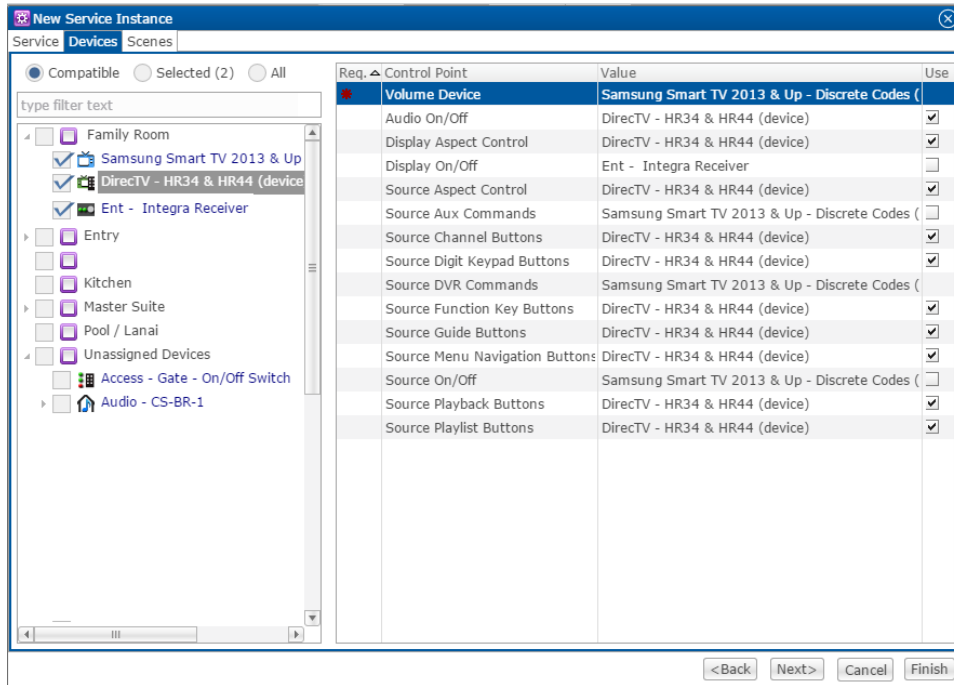
9. Click the **Save** button .

To create a service for the DirecTV - IP Driver:

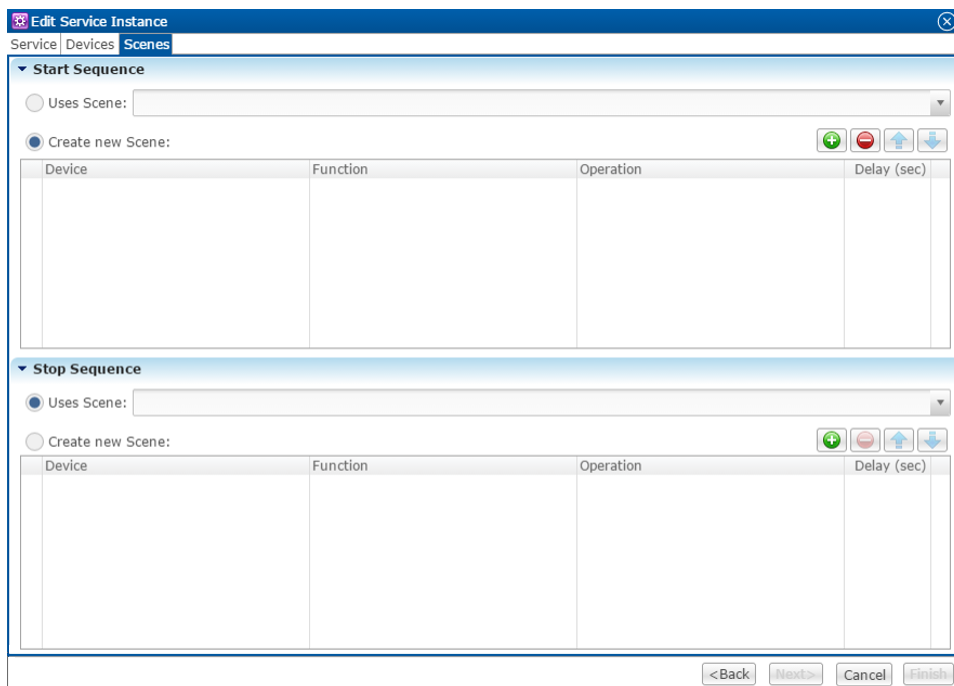
1. Click the **Services** tab, and then click the **New Service Instance** button  .
The New Service Instance dialog displays.



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.

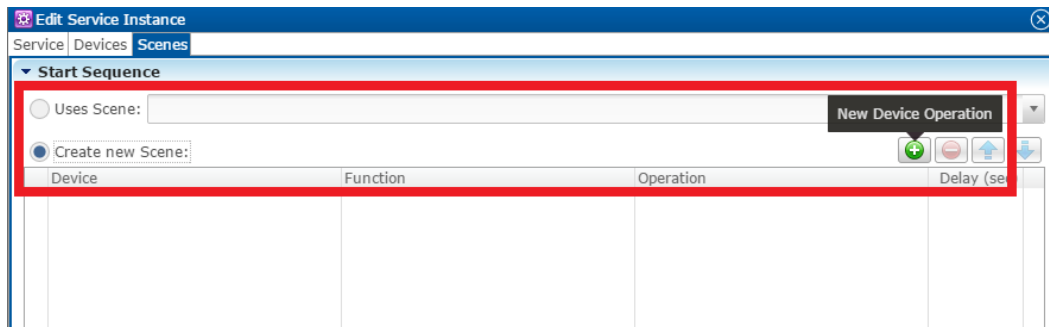


4. In the left panel, select the devices you want to use in the service.
5. In the right panel, set the values for each control point.
Click the **Value** field to view the drop-down menu, and then select the device.
6. Click **Next** to display the **Scenes** tab.

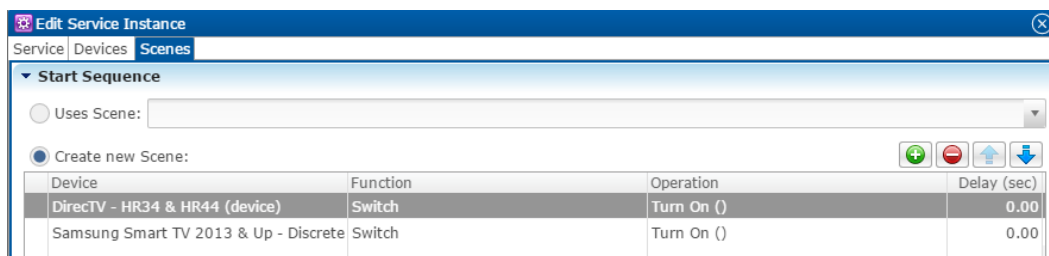



To configure the scene:

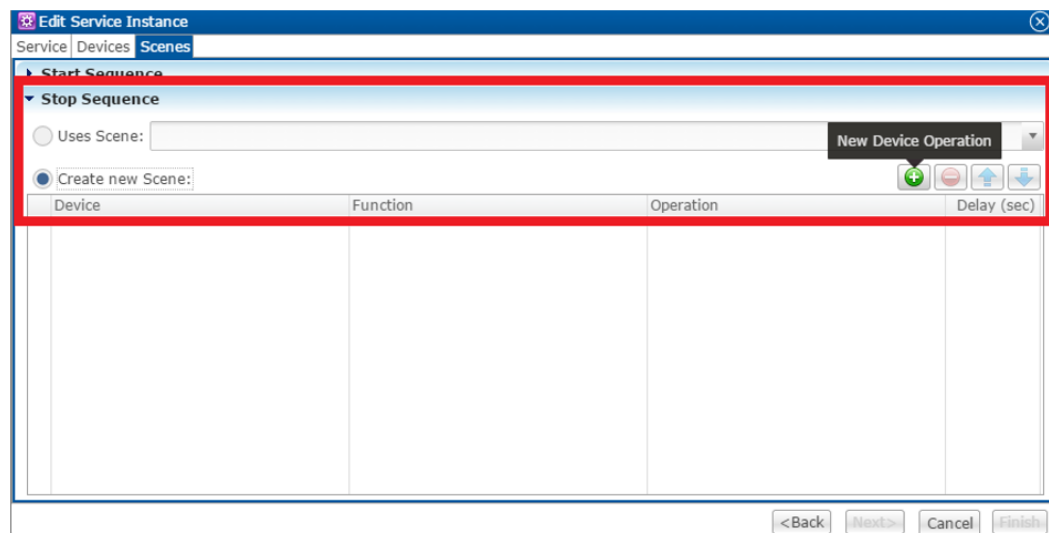
1. In the **Start Sequence** field, select **Create new Scene**, and then click the **New Device Operation** button .



2. Configure the **Device**, **Function**, and **Operation** drop-down menus with the following values.
 - **Device:** Ent - DirecTV – HR34 & HR44 (device)
 - **Function:** Switch
 - **Operation:** Turn On



3. Repeat steps 1 and 2 for the television that you are using.
4. Go to the **Stop Sequence** field, select **Create new Scene**, and then click the **New Device Operation** button .



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

- **Device:** Ent - DirecTV IP
- **Function:** Switch
- **Operation:** Turn Off

Start Sequence

Uses Scene:

Create new Scene:

Device	Function	Operation	Delay (sec)
DirecTV - HR34 & HR44 (device)	Switch	Turn On ()	0.00
Samsung Smart TV 2013 & Up - Discrete	Switch	Turn On ()	0.00

Stop Sequence

Uses Scene:

Create new Scene:

Device	Function	Operation	Delay (sec)
DirecTV - HR34 & HR44 (device)	Switch	Turn Off ()	0.00
Samsung Smart TV 2013 & Up - Discrete	Switch	Turn Off ()	0.00

<Back Next> Cancel Finish

6. Repeat steps 4 and 5 for the television that you are using.

7. Click **Finish**.

8. Deploy the project.

Accessing the UI

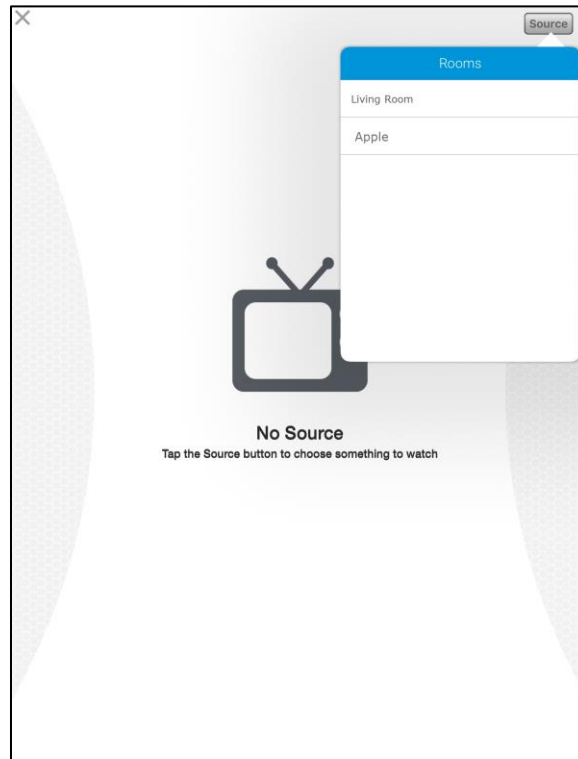
Once you have configured and deployed your project, access the DirecTV entertainment remote in the ClareHome app.

To access DirecTV in the ClareHome app from the user space:

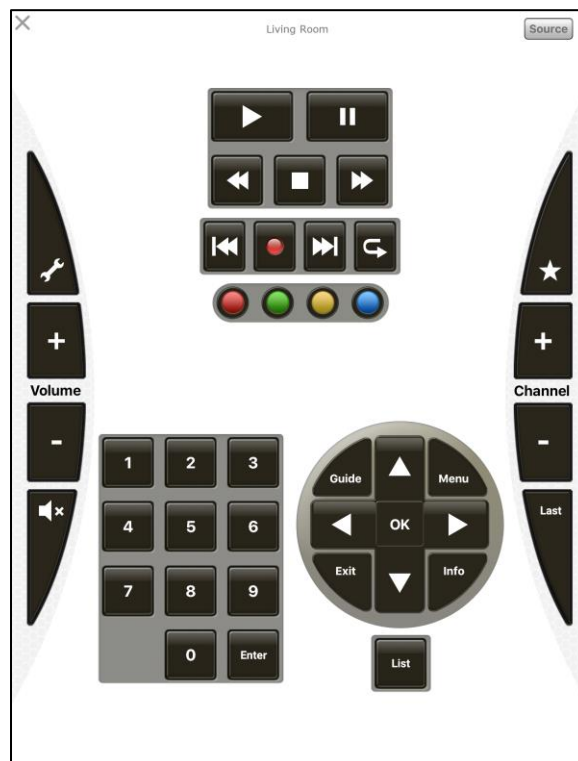
1. Launch the ClareHome app, and then tap the desired entertainment icon.



2. Tap **Source** in the top-right corner, and then select the **DirecTV** source.




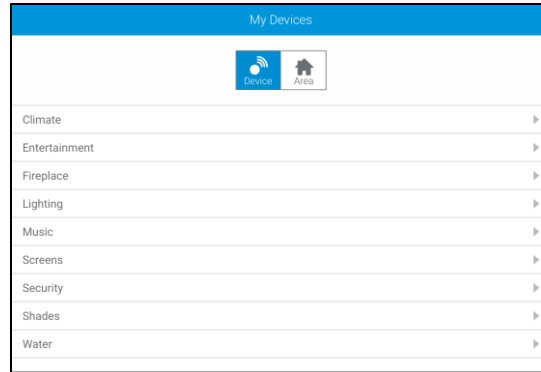
3. The DirecTV entertainment remote displays.



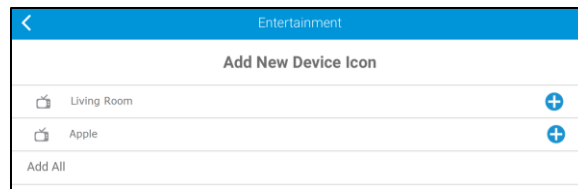
Note: The buttons on the virtual Clare Controls DirecTV remote correspond with the buttons on the DirecTV remote. See your DirecTV remote guide for button descriptions.

To access the service if it has not been added to the user space:

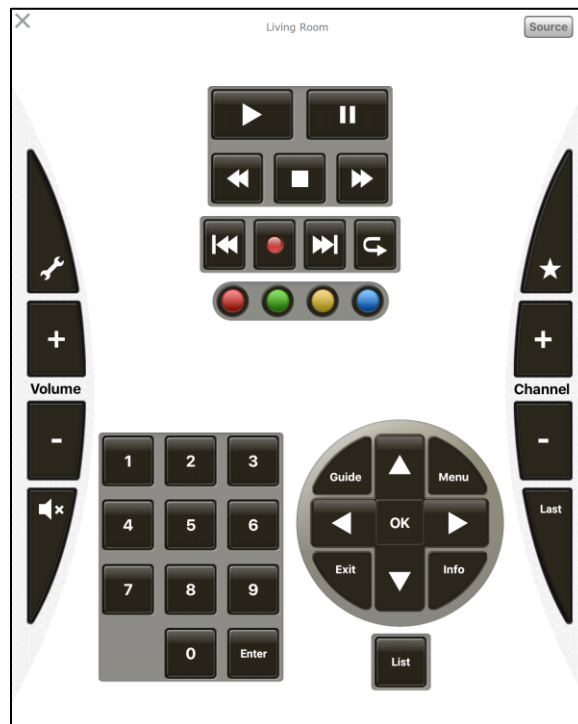
1. Tap  to view the Device's Menu.
2. Tap **Entertainment**.



3. Tap the area that you want to access – for example, Living Room.



The DirecTV entertainment remote displays.



Contact information

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