



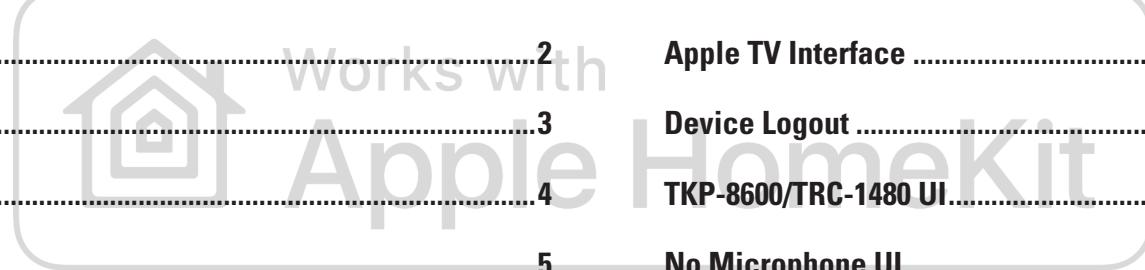
Works with
Apple HomeKit

APPLE TV INTEGRATION GUIDE



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TOTAL CONTROL

Overview

The URC Apple TV module is an Apple Certified Integration through “**Works with HomeKit**”. This module provides **one-way control** over IP on compatible Apple TV devices. The module also provides **Siri voice control** on URC user interfaces that include **a microphone**.



Supported Models

HomeKit certification **only** applies to Apple TV and this module does **not** work with other HomeKit devices.

- Apple TV 4th Gen or later

Requirements

- Apple device must be **fully configured and operational** prior to integrating with Total Control.
 - Apple TV **must** be on firmware tvOS 12 or higher
 - System **requires** at least one (**1**) iOS device (iPhone, iPad, or latest iPod Touch)
 - Access to the end-user's **iOS device** for setup
 - iOS device **must** be on firmware iOS 12 or higher
 - Access to Apple's “**Home**” app
 - Two-factor authentication **must** be enabled
 - Home Sharing **must** be enabled
 - AirPlay 2 **must** be enabled
 - Apple TV **must** be assigned to a room during the configuration process
 - Apple TV **must** display in the “Home” app prior to integration
- Total Control and Apple TV must be on the **same** network.

General Information

Module: Apple TV

Developer: URC

File Type: N/A

Communication: IP

Category: Streaming Media Device

Module Type: Standard

Multiple Core Support: No

Unified: No

URC Compatibility: Accelerator 3 [**MRX-15 & MRX-30 Only**]

Device Events: No

Two-way Module Commands: No

Adding & Configuring the Module

This module can be added to any new or existing Total Control system.

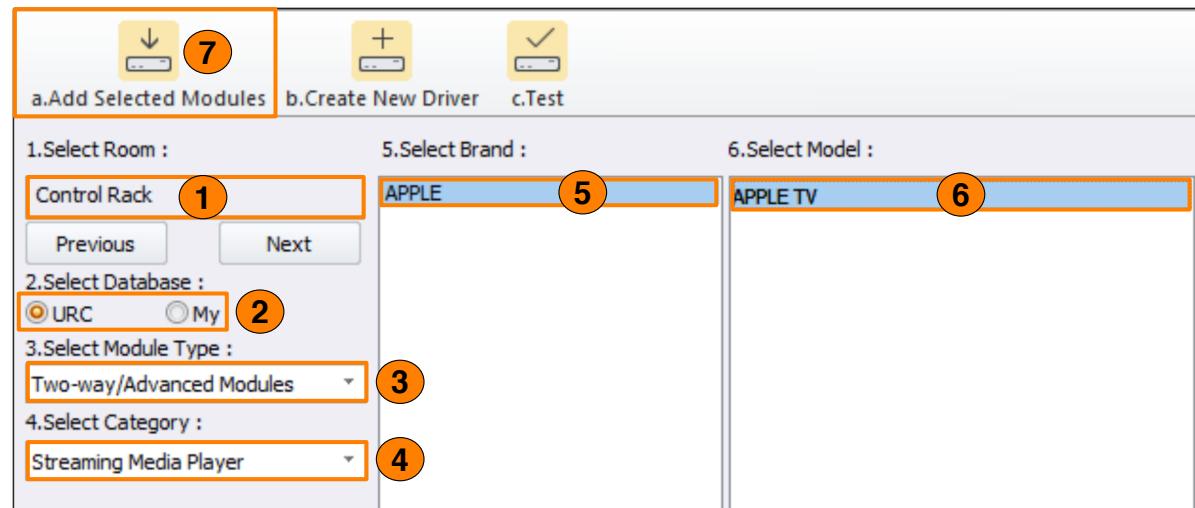


For more information on two-way modules, what they are, where to find them, and how to import them, please review [this guide](#).

Step 4: Add Other Devices



1. Select **a room** for the core to be added to.
2. Select **URC**.
3. Select **Two-way/Advanced Modules**.
4. Select **Streaming Media Player** category.
5. Select **Apple** from the brand list.
6. Select **Apple TV** from the model list.
7. Select **Add Selected Modules** to add it to the project.

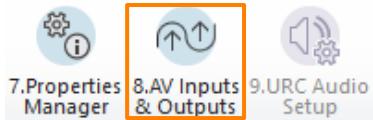


After HomeKit discovery, **newly added** or **recently downloaded** to MRX devices may take upwards to ten (**10**) minutes to gain **control** of Apple TV.



Dragging and dropping available devices onto inputs is a **virtual representation** of how devices are **physically wired** to each other.

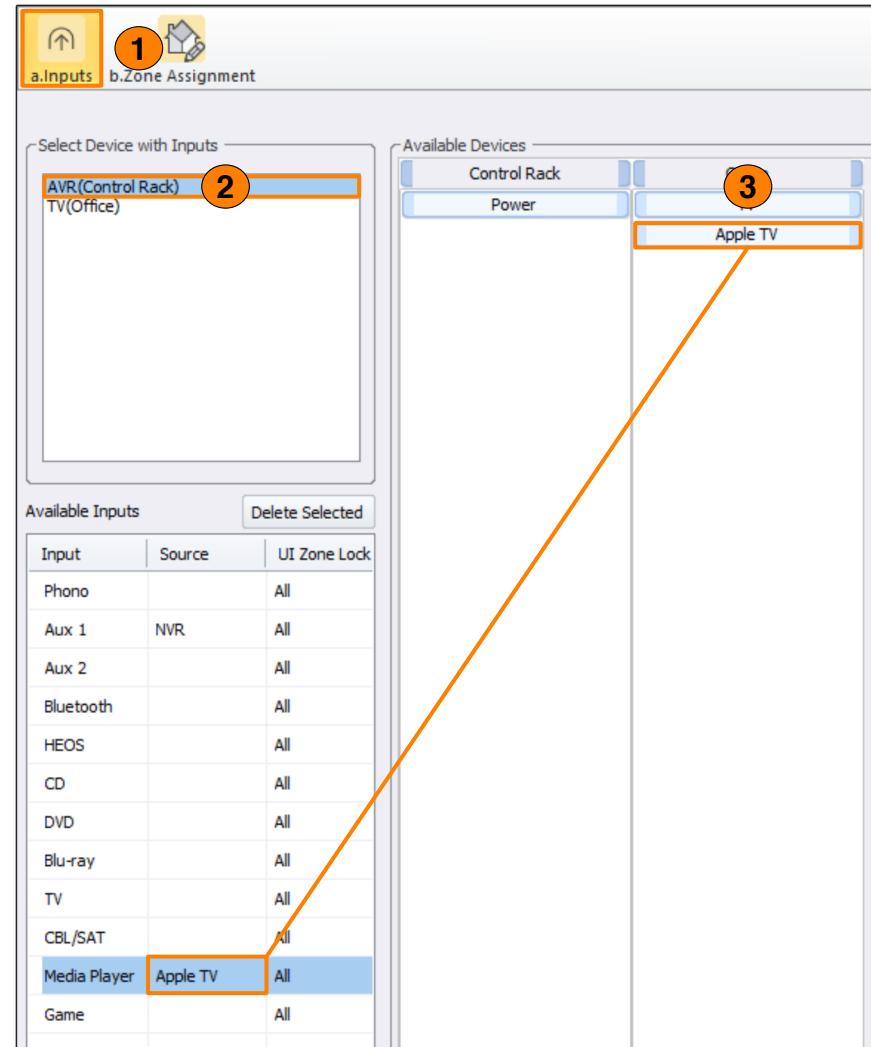
Step 8: AV Inputs & Outputs

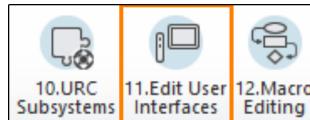


1. Select **Inputs**.
2. Select the **device** the Apple TV is connected to.
3. Drag the **Apple TV** and drop it onto an input to assign it as the source device.



If macros are **not generating properly**, ensure that all devices are **correctly assigned** to their inputs and outputs.



Step 11: Edit User Interfaces**1. Select Accelerate!**

a. Generate Menus & Devices **b. Edit Menus by Room** **c. Edit Device Layouts**

Submenu System Options

Included Submenus

- Entertainment : Yes No
- Music : Yes No
- Lights : Yes No
- Comfort : Yes No
- Security : Yes No
- Info : Yes No
- Settings : Yes No
- Multiple Displays : Yes No
- Timer : Yes No

Submenus are only created if there will be buttons present. Empty submenus are not generated.

If a submenu is set "No", any button that would normally be there will instead be generated on the main menu.

Timers Items

Select an item and a jump to it will be created in the appropriate menu for each room

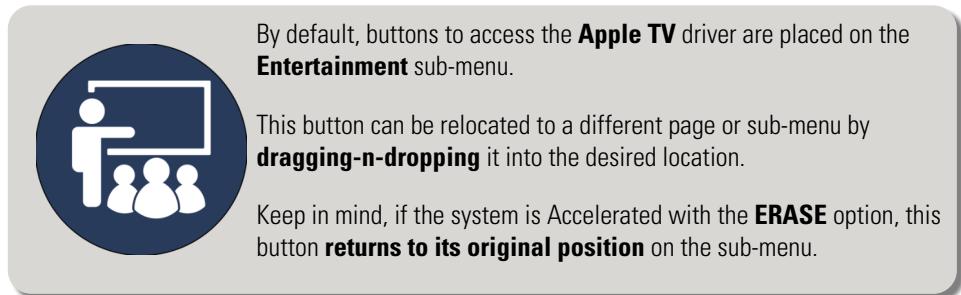
- Sleep Timer
- Event Timer
- Alarm Clock
- Vacation Mode

Choose the setup options for the User Interfaces in the system. When ready press the Accelerate Button

Accelerate!

Music Menu Options

- Use dedicated Multi-Room Music submenu
- This option will create a dedicated sub menu for the URC Audio Multi-Room Music available to a room, as well as a Music submenu for local music sources available only to that room.
- Edits made to this URC Audio submenu are duplicated in every room's URC Audio submenu; this should reduce the time spent editing this unique submenu.
- However it is NOT possible to remove a URC Audio source from the submenu, or add a non-URC Audio source to the submenu.
- Use combined Music submenu
- This option will create a single Music submenu in all applicable rooms. This submenu will contain both URC Audio sources AND local sources available to that room.
- Edits must be made on a per-room basis. There are no GLOBAL changes.



a. Generate Menus & Devices **b. Edit Menus by Room** **c. Edit Device Layouts**

Main Menu Pages

1. Selected Room : Living Room

2. Select View : TC Model

Entertainment

AndroidTablet Sub Menus

Entertainment Menu Pages

Apple TV

Step 12: Macro Editing

1. Select **Accelerate!**
2. Make additional programming changes as needed within the remaining steps. Once completed, save the project and **Download** to the system.

a.Auto Macro Generation     

Macro Programming Options

Macro Acceleration Options

- Preserve user edited macros while generating macros.
This option will not erase and generate new versions of macros that appear to have been previously edited. Other macros will be erased regenerated.
Universal Macros will not be affected.
- ERASE ALL existing macros and create new ones using these options.
This will erase all existing macros, including those on the main menu and device layout pages of the user interfaces.
Universal Macros will not be affected.

TV Off Command

- TV Device Power OFF command is generated only for the ROOM OFF macro
- TV Device Power OFF command is generated for ROOM OFF and MUSIC macros

Source Device Power

- Devices are turned ON when needed and turned OFF only when a ROOM OFF command is issued.
- Devices are turned ON as needed and turned OFF when NOT NEEDED, or a ROOM OFF commands is issued.

Choose the setup options for auto generation of macros in the system. When ready press the accelerate button

Accelerate! 

Apple HomeKit Setup

With the Total Control setup complete it's now time to configure the Apple HomeKit app.

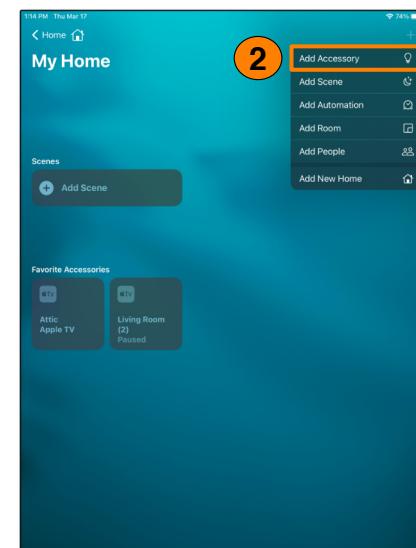
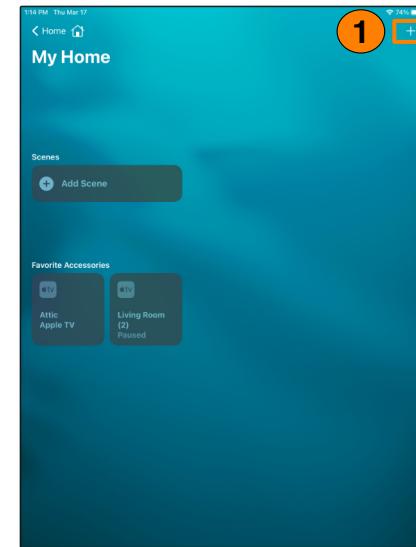
The Apple TV device **must be added** to HomeKit or the Total Control system **cannot** control it.

Launch the App

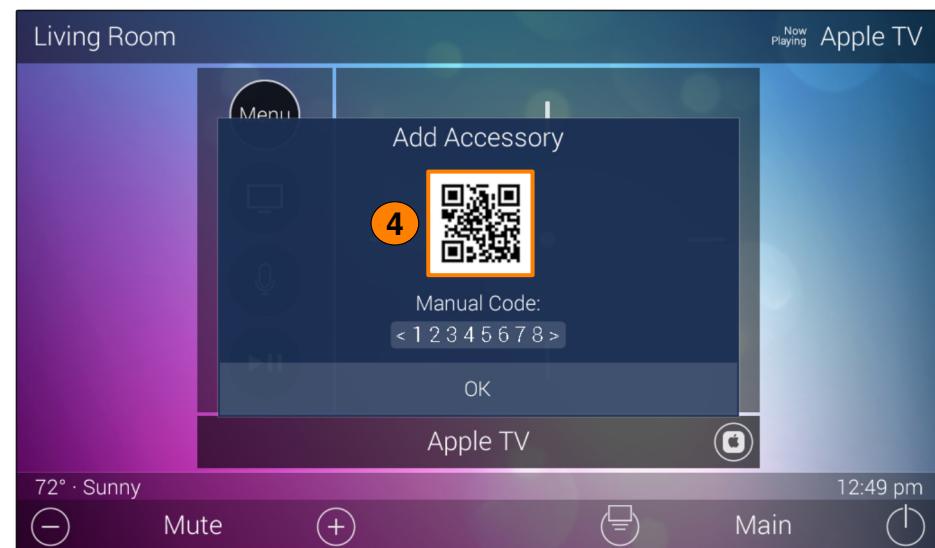
1. Open the app and **configure** the Apple TV device(s). When complete. Select the **+** in the top-right corner.
2. Select **Add Accessory**.



Newly added URC devices may take upwards of ten (**10**) minutes to gain **control** of Apple TV after HomeKit discovery.



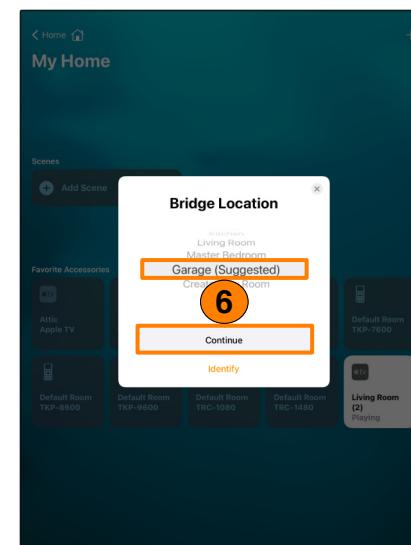
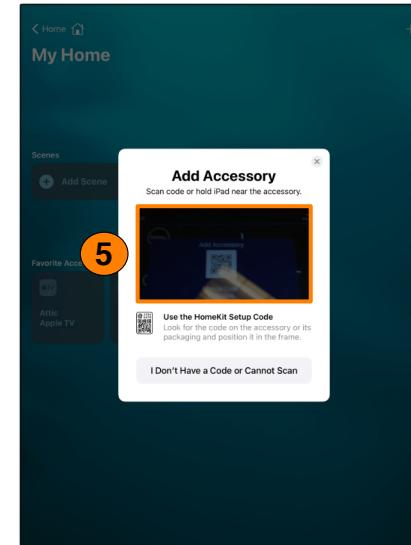
3. Open the Apple TV module on a **URC controller**. A setup message appears. Select **Next**.
4. The displayed QR code is **required** for the next step of the HomeKit configuration process.



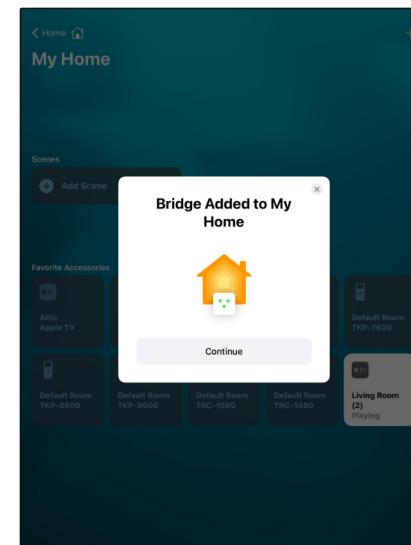
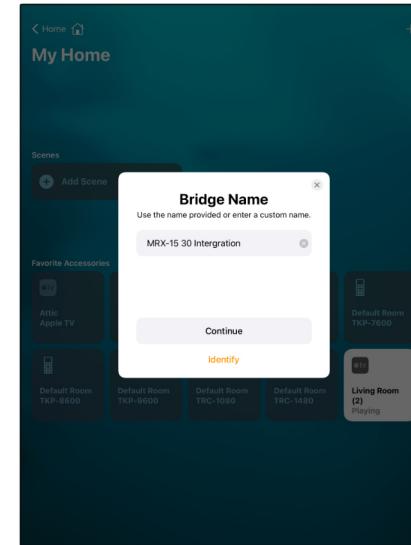
5. Return to the **HomeKit app**. Using the phone/tablet camera, **scan** the QR code displayed on the URC controller.

- If **no camera** is available, follow [these steps](#) to **manually** enter the displayed QR code into HomeKit.

6. Select the **physical location** of the MRX system controller, which is referred to as a “**Bridge**” by HomeKit. The option to **create** a new room is available. Select **Continue** to confirm the location.



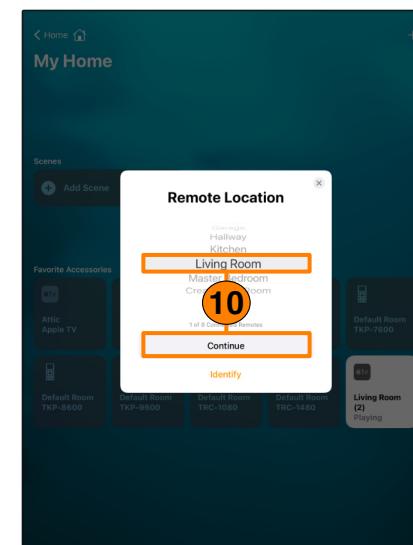
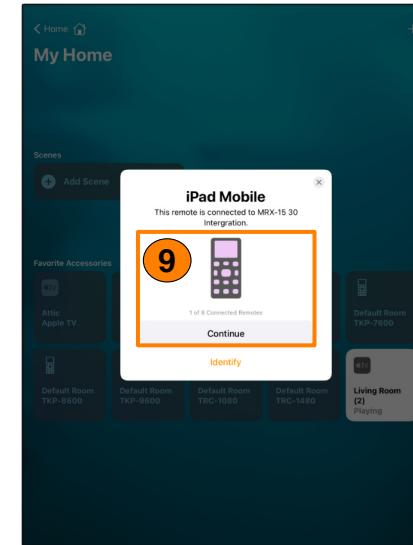
7. If desired, provide a **custom name** for the system controller. Select **Continue** to confirm the name.
8. The system controller has been added. Select **Continue**.



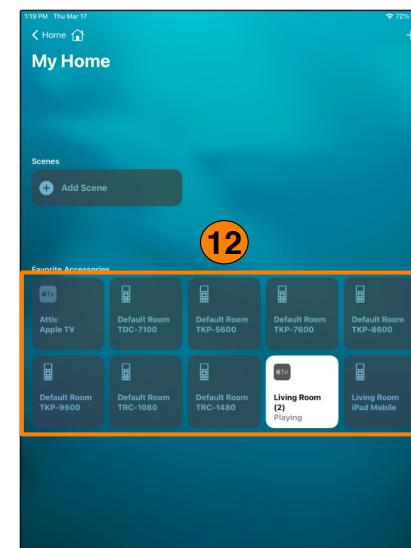
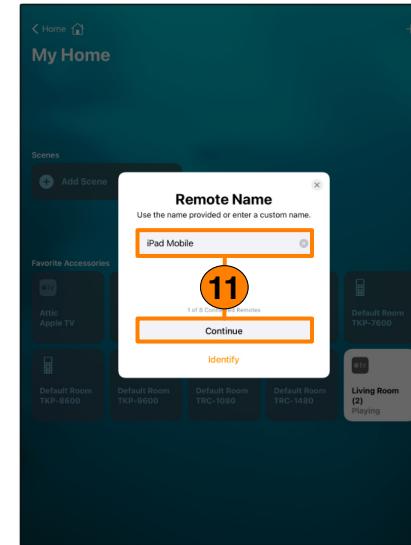
9. HomeKit **automatically** detects all URC controllers programmed in the system. The same **verify, location, and name** process occurs for **each controller** in the system. Verify the displayed device is correct and select **Continue** to confirm.
10. Select the **physical location** of the controller. The option to **create** a new room is available. Select **Continue** to confirm.

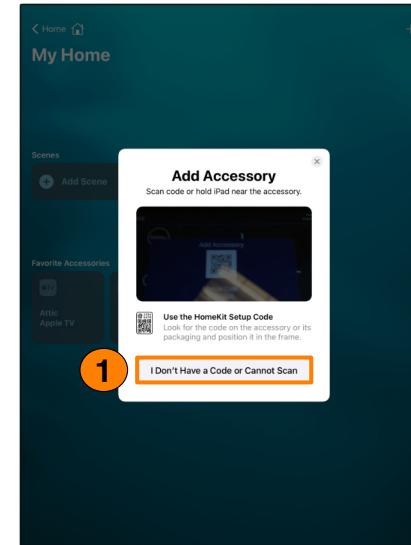


Newly added URC devices may take upwards of ten (**10**) minutes to gain **control** of Apple TV after HomeKit discovery.



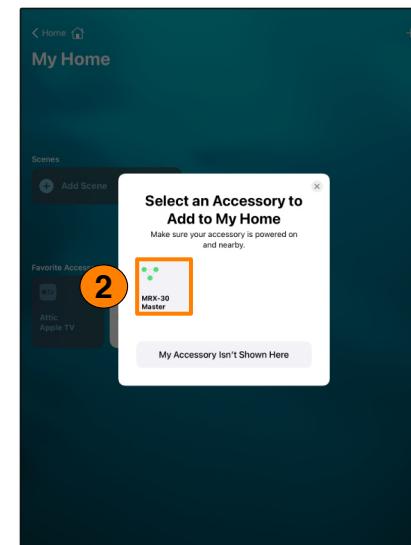
11. If desired, provide a **custom name** for the controller. Select **Continue** to confirm the name.
12. The controller has been **added**. Select **Continue** to repeat this process for every controller in the system. When **finished**, HomeKit returns to the **home screen** and all added devices are now displayed.



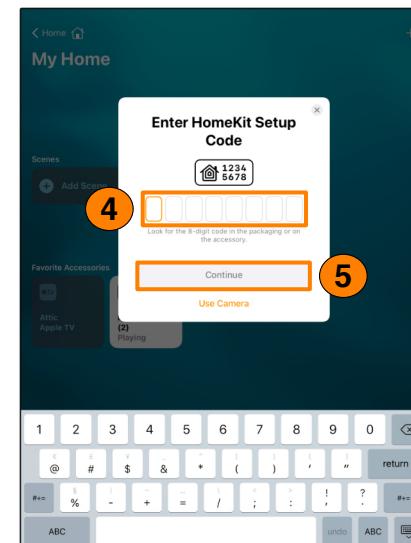
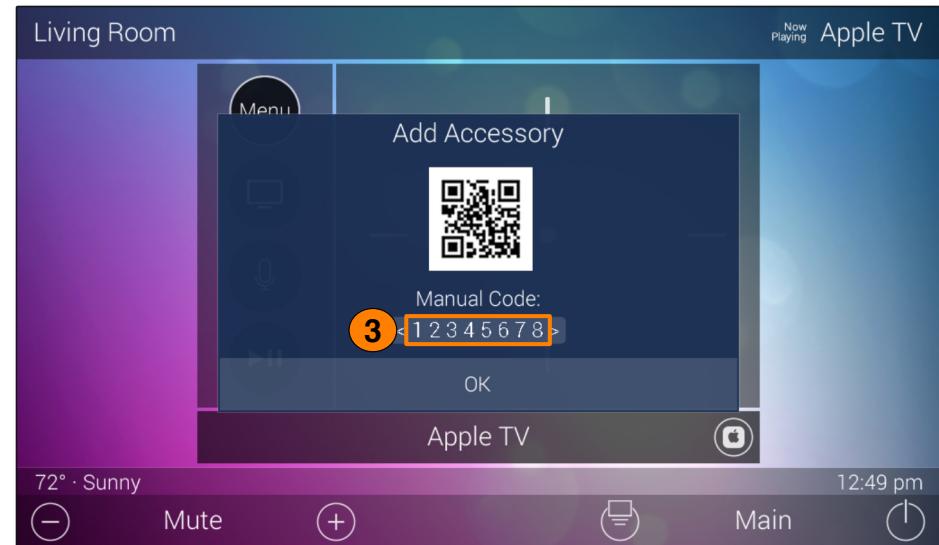


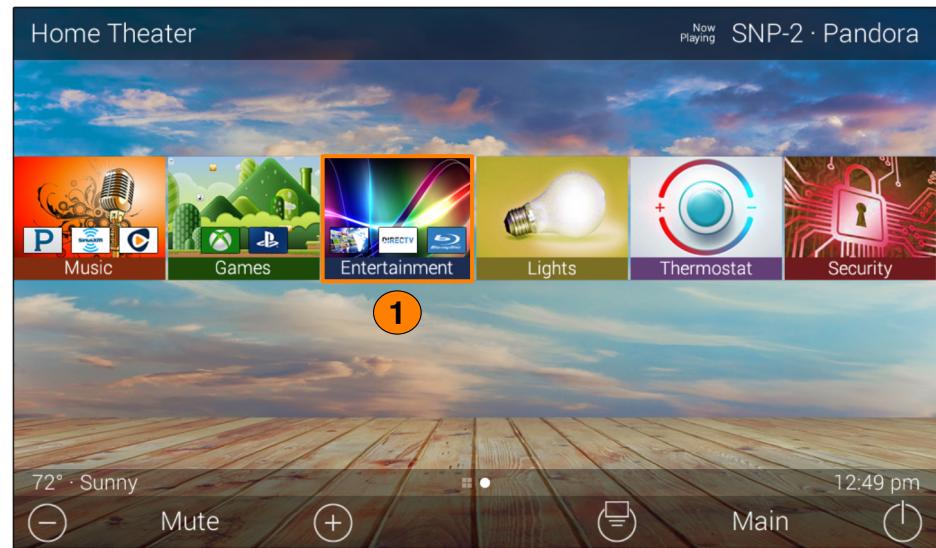
Manually Enter QR Code

1. Select **I Don't Have a Code or Cannot Scan**.
2. Select the **system controller** from the accessory list.



3. Using the URC controller, locate the **Manual Code** displayed under the QR Code.
4. Enter the **Manual Code** into the HomeKit app.
5. Select **Continue** and follow the [remaining steps](#) of the process.



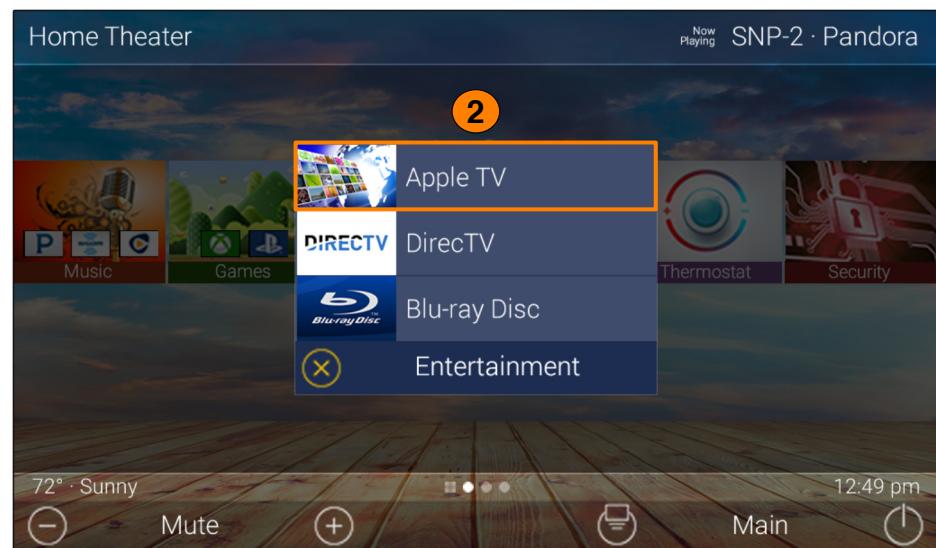


Using the Module

This section of the document explains how to operate the lighting unified module. Disregard this section if no lighting devices were added to the project.

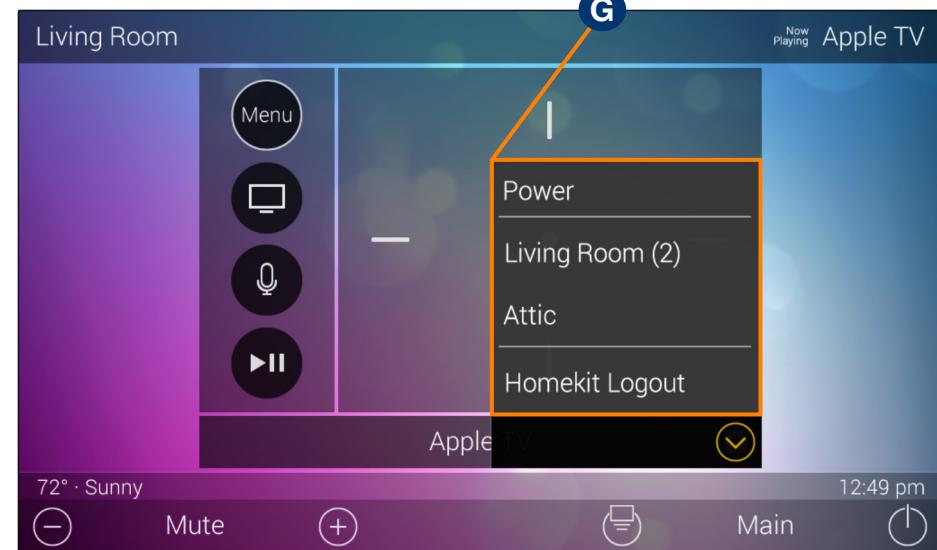
Launching the Module

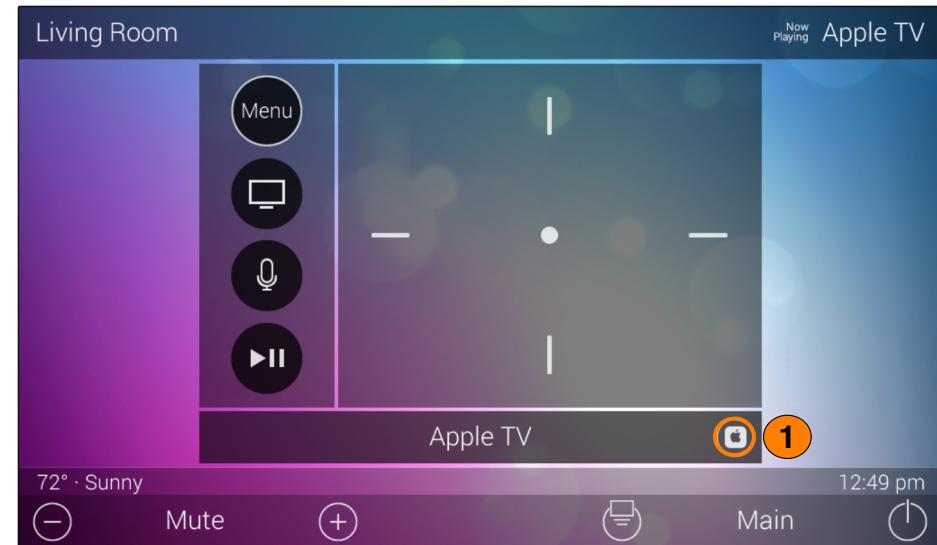
1. Navigate to the room where the **Entertainment** button is located and select it.
2. Select **Apple TV** from the list.



Apple TV Interface

- A. Menu:** A **single press** returns to the previous screen while a **press and hold** returns to the Apple TV's home screen.
- B. Home:** A **single press** returns to the Apple TV's home screen while a **double press** shows recently used apps.
- C. Siri:** On **supported** interfaces, **press** the microphone button to **interact** with Siri.
- D. Play/Pause:** Quickly play or pause content with a **single press**.
- E. Navigation:** Use these controls to move **up, down, left, right**, and to **select** on the Apple TV interface.
- F. Device Name:** The programmed **name** for the selected Apple TV device.
- G. Apple TV List:** A list of **all available** Apple TV devices within the system.
- H. Power:** Toggles the Apple TV in and out of **Sleep Mode**.



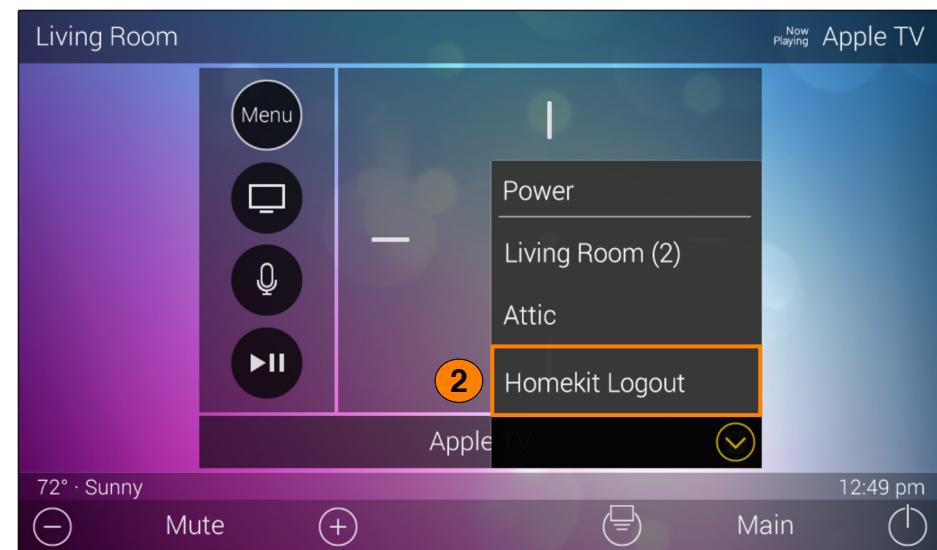


Device Logout

URC controllers will remain logged in even if removed from HomeKit.

1. Open the **Apple TV driver** and select the **Apple TV List**.
2. Select **HomeKit Logout**.

The MRX system controller is **logged out** of HomeKit



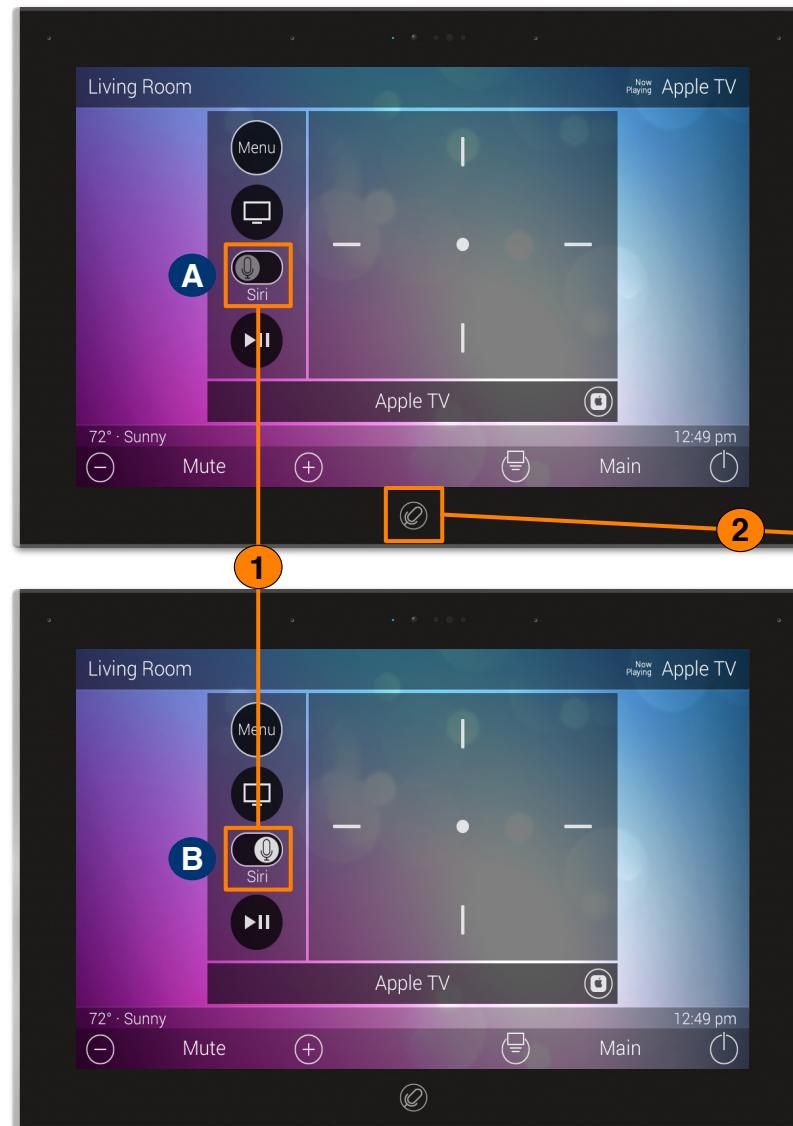
TOTAL CONTROL

TKP-8600/TRC-1480 UI

The UI for the TKP-8600 and TRC-1480 differs slightly from the previous UI shown. The microphone button is now a **toggle switch**, allowing for the microphone feature to be used with both **Apple's Siri** and the **default Voice Assistant** while using the module.

The TRC-1480 also provides **hard button** functionality for some Apple TV commands, such as **Menu**, **Exit**, and **directional controls**.

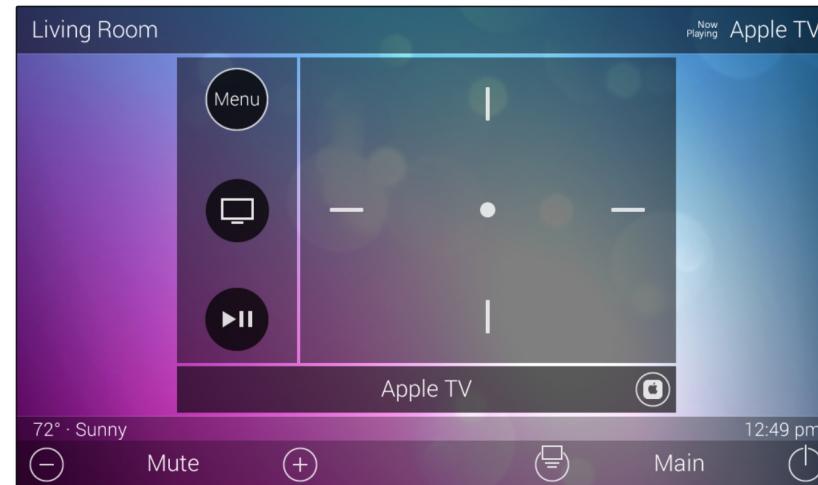
1. Toggle the **Siri button** to switch between Siri or the default Voice Assistant.
 - A. Voice Assistant:** Toggle the button to the **left**.
 - B. Siri:** Toggle the button to the **right**.
2. Press and hold the **microphone button** and say the voice command.



No Microphone UI

For devices **without** a built-in microphone, the UI **no longer displays** a microphone button or toggle switch. All other features are still available.

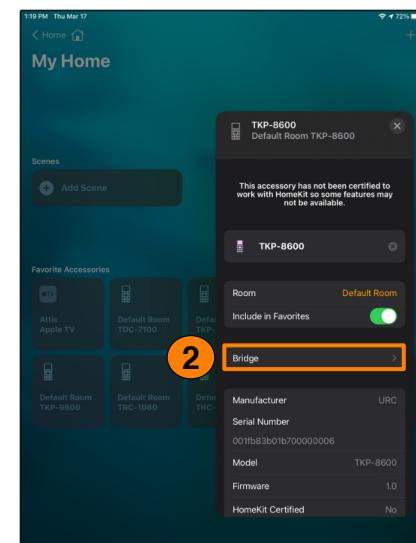
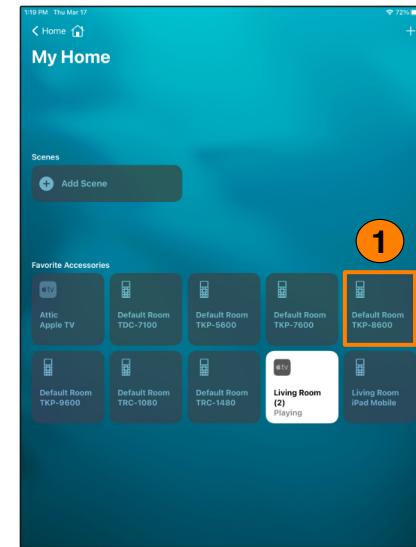
URC Mobile apps are considered a **non-microphone device** and display a No Microphone UI.



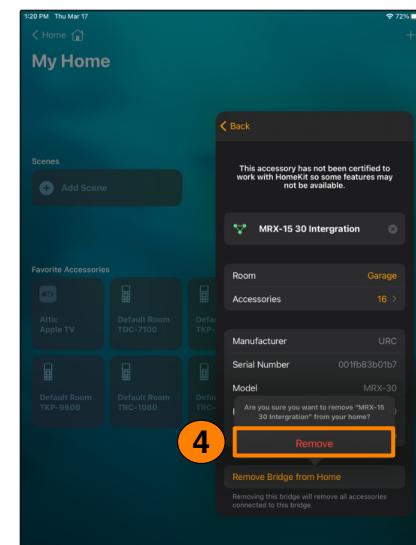
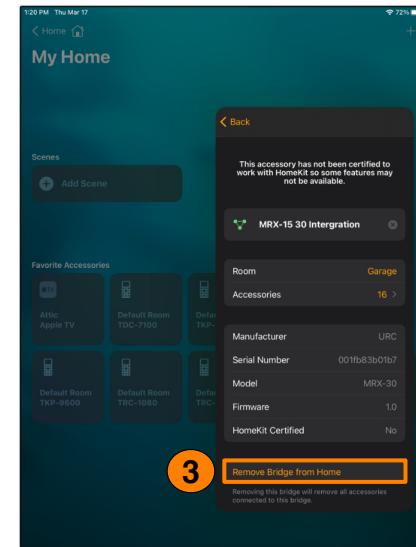
Removing A Bridge

URC devices are **automatically added** and **removed** from HomeKit when adding or removing a system controller as a **bridge**. When attempting to **remove** a device, the **only** option is to remove the bridge. This removes **all remotes** associated with that bridge.

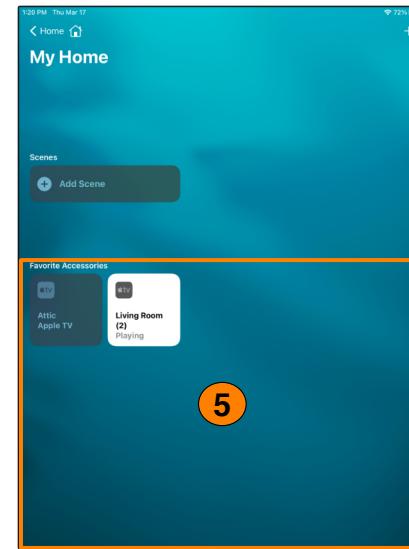
1. Press and hold on a remote **associated** with the bridge.
2. The **context menu** for the remote opens. Select **Bridge**.



3. Select **Remove Bridge from Home**.
4. Select **Remove** to confirm.



5. The bridge and all associated remotes have been **removed** from HomeKit.



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