



UI Tiles – AV Solutions – Multi Button Tile - Cloud version 3.0001.0023

Driver

This release note is for the AV Solutions Multi Button Tile Extension.

Notes and Recommendations

Drivers->UI Tiles->AV Solutions-> Multi Button Tile

System Requirements and Dependencies

- Crestron Home v4.007.0243
- An offline license is required for the driver to operate beyond its 2-hour trial

Introduction

This UI extension driver provides the integrator with the ability to add up to 30 buttons within a single tile. The tile can be typically used to simplify the users experience by assigning functions to those buttons avoiding the mess of creating multiple quick actions scattered around the UI. Each button can be configured to support real-time feedback (through configuration) for existing Crestron Home functions. Its primary purpose is to enhance the users experience by enabling control of devices under a single tile.

Key Features

- Flexible Viewing Options: Can be viewed at the room level, on the home page, or both, for intuitive access tailored to user preferences.
- Customization: Supports up to 30 buttons under a single tile with custom labels.
- Real Feedback Configuration: Enables true status feedback from devices, ensuring the UI reflects actual on/off states for each button individually rather than just sending commands by setting icons for its active and inactive state if
- State Persistence: Automatically saves and loads driver state upon processor reboot, ensuring seamless recovery of active/inactive statuses and configurations.
- Quick Actions Integration: Supports Crestron Home Quick Actions to update button states from global shortcuts, enhancing accessibility and one-tap automation.

Installation/Upgrade Instructions

Installation Settings

ⓘ License Key

Obtain a license key from <https://mylicensingwebsite.com>. The driver operates in trial mode for 2 hours without a key

Enter License Key Here

ⓘ Display In Home Page

Show The Tile In The Home Page

ⓘ Display In Room

Show This Tile On A Room Level

- License Key: Required for indefinite use; without it, the driver enters a 2-hour trial mode.
- Display In Home Page: Leave checked to show the tile on the home page. Uncheck to hide
- Display In Room: Leave checked to show the tile on a room level. Uncheck to hide

Installation Settings



Persist State To NVRAM

Enable This Option To Save The Tile State To NVRAM,
Allowing The State To Be Restored After Processor
Reboot



Instance Name (Required For Multi-Instance)

Enter A UNIQUE Name For This Driver Instance (e.g.,
'Instance1', 'Instance2', 'Instance3'). IMPORTANT: Each
Driver Instance Must Have A Unique Name For State
Persistence To Work Correctly.



Main Page Title

Enter Title For The UI Tile

- Persist State To NVRAM: Enables state saving/loading to non-volatile RAM for recovery after reboots or power loss
- Instance Name: Unique identifier for state persistence. When using this driver multiple times on a processor, assign a unique value to each instance. This value ensures the correct state is loaded from NVRAM after a power loss, if the Persist State To NVRAM option is enabled.
- Main Page Title: Custom Title for the page once tile opens.

Installation Settings



Icon Keys

The Icon Keys Can Be Found At This Link

<https://sdkcon78...>



Tile Icon

Enter The Icon Key To Be Shown On The Tile



Number Of Buttons

Enter The Number Of Buttons To Display (1-30)

- Icon Keys: The link takes you to the website with all the Icon Keys supported by Crestron SDK.
- Tile Icon: Enter the desired Icon Key for the desired icon to be shown on the tile.
- Number Of Buttons: Enter the number of buttons to be shown once the tile is open.

Installation Settings



Button 1 Name

Enter Name For Button 1

Button 1



Button 1 Active Icon

Icon For Button 1 Active State

icGenericDeviceOn



Button 1 Inactive Icon


Icon For Button 1 Inactive State

icGenericDeviceOff

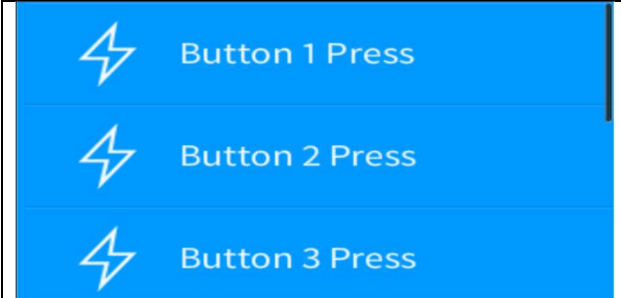
- Button xx Name: Enter the text to be shown on the corresponding button.
- Button xx Active Icon: Enter the desired icon key to be shown whenever the corresponding button status is set to Active/True/On.
- Button xx Inactive Icon: Enter the desired icon key to be shown whenever the corresponding button status is set to Inactive/False/Off.

Actions & Events

- Actions

 <p>Mode Sequence</p> <p>< Multi Button</p> <p>+ Button 1 State</p> <p>+ Button 2 State</p> <p>+ Button 3 State</p>	<ul style="list-style-type: none">• Button xx State: This action sets the state of the corresponding buttons to Active/On & Inactive/Off. This action is typically set to true by the controlled device feedback when it turns on and vice versa. This keeps the button synchronized with the controlled device.
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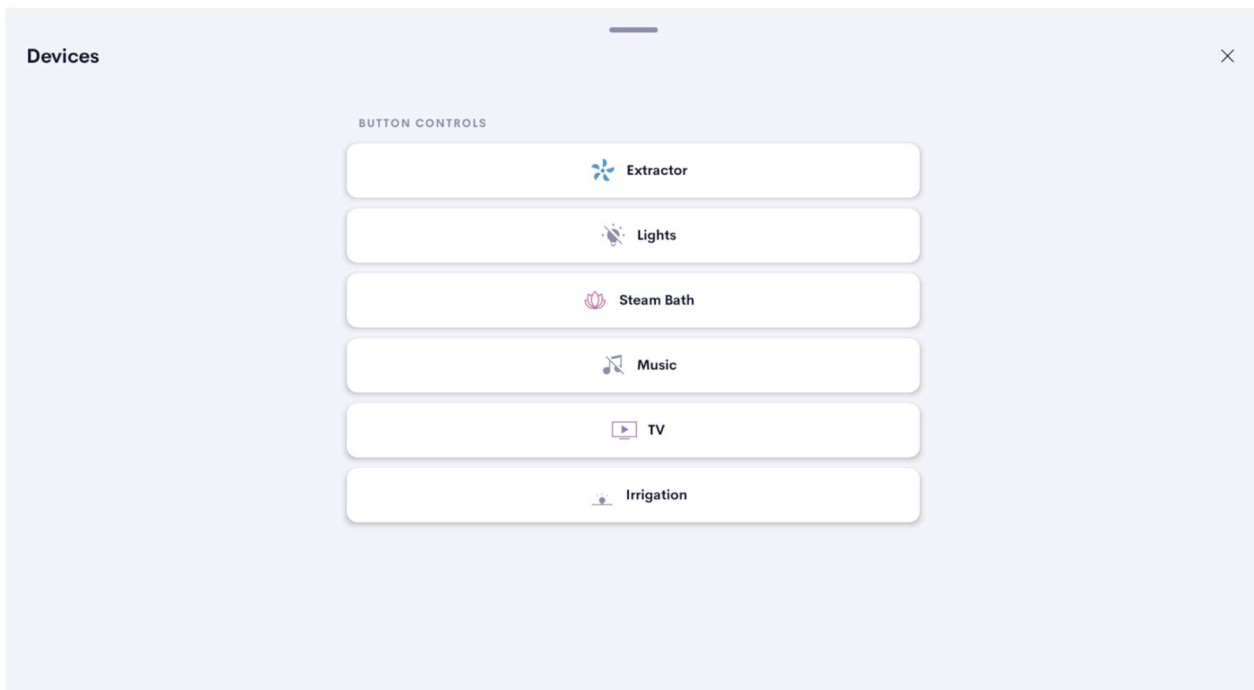
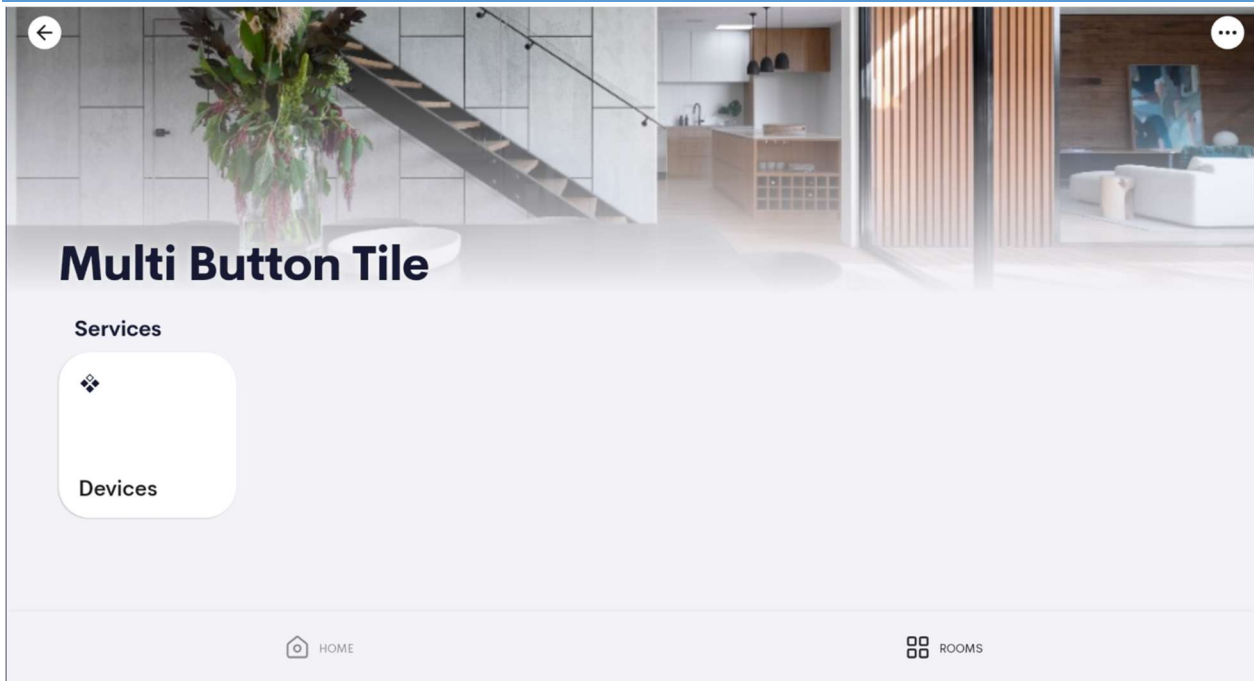
- Events

 <p>⚡ Button 1 Press</p> <p>⚡ Button 2 Press</p> <p>⚡ Button 3 Press</p>	<ul style="list-style-type: none">• Button xx Press: This Event should be set to trigger the controlled device
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Setup Guide: Device Control and Synchronization

Now that the driver is added and basic parameters are set, you are able to configure it to efficiently control other devices (e.g., via events and actions), update the driver's status based on the controlled device's feedback to keep everything fully synchronized and create Quick Actions for related operations. This ensures bidirectional communication—your tile not only sends commands but also reflects real-world states

End-User Experience



Test Environment

- Crestron Home v4.007.0243

Contact Information

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Version History

3.0001.0023

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