Control Programming LLC
Release Notes

UI Tiles – Control Programming LLC – Buttons - Cloud
version 4.000

Extension

This release note is for the CPLLC UI Tile Buttons extension. This extension is for UI purposes only and must be "wired" to the actual hardware for control.

This extension provides up to 10 buttons that can be customized with user entered text as well as a Crestron Home icon library icon.

> Allowable Crestron Home icons can be found at https://sdkcon78221.crestron.com/sdk/Crestron_Certified_Drivers_SDK/Content/Extension-Device-Icons.pdf

Notes and Recommendations

Drivers->UI Tiles->Control Programming LLC->Buttons

System Requirements and Dependencies

Crestron Home v3.005.0054

If icons are specified, you must use the icons currently documented in the Crestron Home icon library which can be found at the link above.

This extension requires that the License Manager (https://cpllc.net/product/license-manager/) also be installed on the processor

Operation Installation/Upgrade Instructions

Installer Options

(i)	**Obtain License Key** Clicking the link, on the right, takes you to CPLLC.net where license keys can be obtained. A purchased license key is required to be entered i...	CPLLC.net
(i)	**Show in Home Screen** Checked to show on Home screen	☐
(i)	**Show on Room Screen** Checked to show in Room screen	☑
(i)	**Starting PIN Code** Enter initial numeric PIN code. Leave blank to disable PIN.	
(i)	**Tile Icon** Icon Used for the Tile	icFavoriteOn
(i)	**Page Header Text** Page Header Title Text	Favorites
(i)	**Button 01 Icon** Button 1 icon. Leave blank if you do not want an icon or select one from the Crestron provided list.	icRemoteButtonGreen
(i)	**Button 01 Text** Button 1 description. Leave blank if you do not want button 1 to display.	Test Button 1
(i)	**Button 02 Icon** Button 2 icon. Leave blank if you do not want button 2 icon or select one from the Crestron provided list.	icRemoteButtonBlue
(i)	**Button 02 Text** Button 2 description. Leave blank if you do not want button 2 to display.	Test Button 2

Button 03-09 Icon/Text

(i)	**Button 09 Text** Button 9 description. Leave blank if you do not want button 9 to display.	
(i)	**Button 10 Icon** Button 10 icon. Leave blank if you do not want an icon or select one from the Crestron provided list.	
(i)	**Button 10 Text** Button 10 description. Leave blank if you do not want button 10 to display.	
(i)	**Show CH Icons** Clicking the link on the right, take's you to Crestron Home's icon PDF document which can be used to determine icon text strings.	CH Icons

Obtain License Key – clicking on the "CPLLC.net" link will take you to the website to purchase the necessary license. The obtained license key will need to be entered in the license manager on the appropriate SKU.

Show on Home Page – check if extension is to be visible on the home page.

Show in Room Page – checked if extension is visible in the room page

Starting Pin Code – If the extension is to be PIN protected, the starting PIN number is entered here. Leave blank to turn off PIN handling.

Tile Icon – Startup icon to be used.

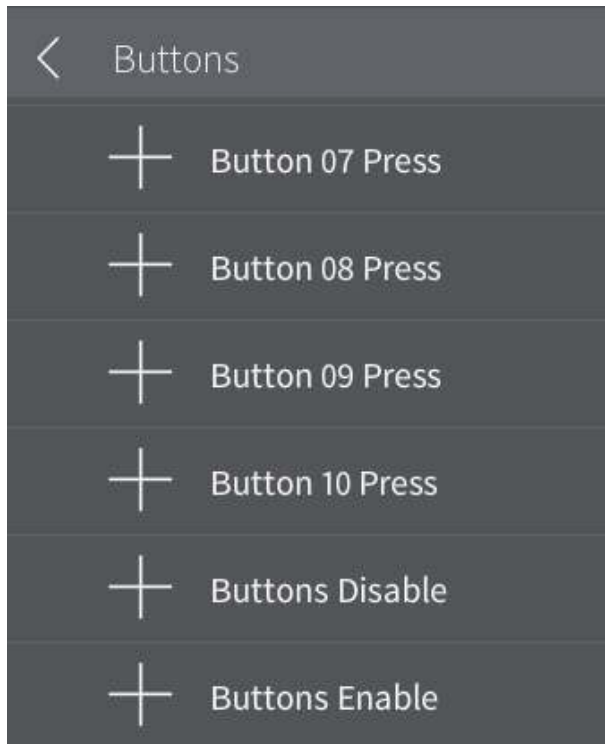**Page Header** – Text displayed on Buttons list page.

Button 1 Text – Text to be displayed for button 1. Leave blank if not needed.

Button 1 Icon – Icon string which can be found in the Icon Library to be displayed on button 1. Valid icon strings can be found at the link on the first page.

Button 2-10 Text – same as the button 1 text field.

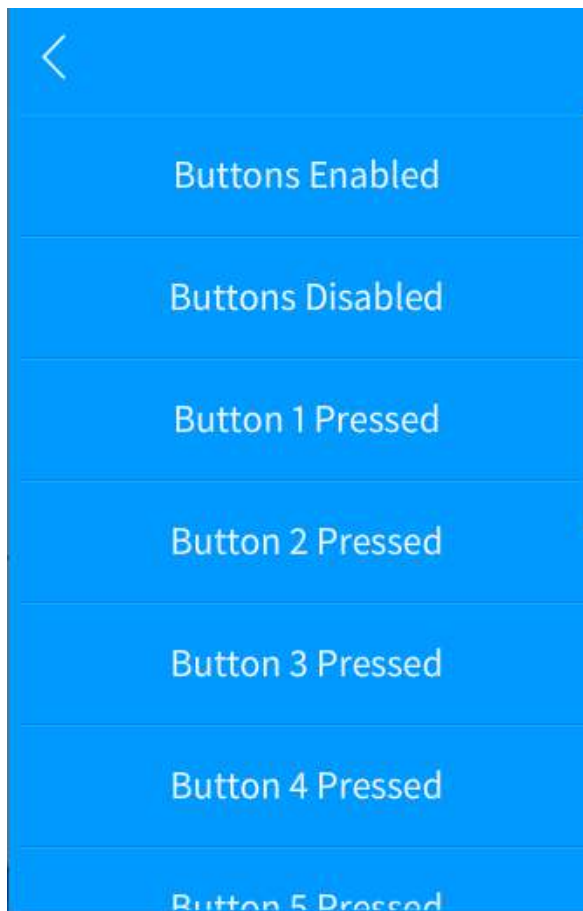**Button 2-10 Icon –** same as the button 1 icon field.

Actions

Button 1-10 Press – Press the corresponding button.

Buttons Disable – Disable the extension

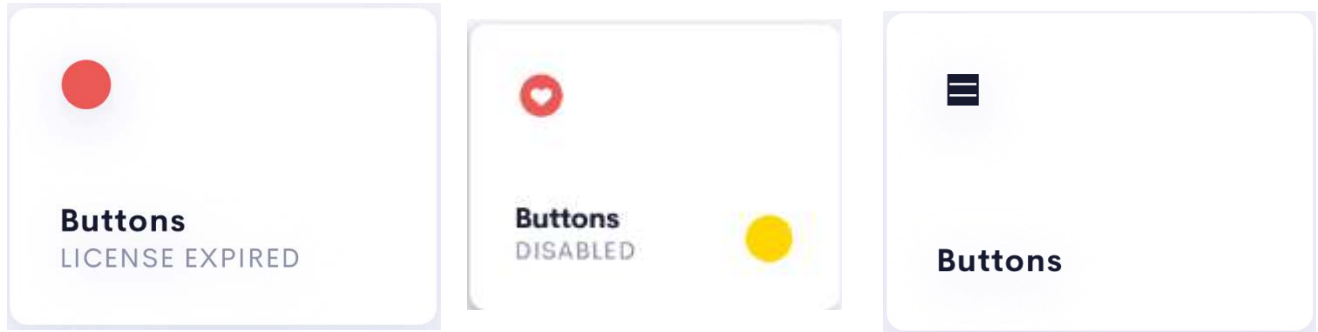**Buttons Enabled –** Enable the extension

Events

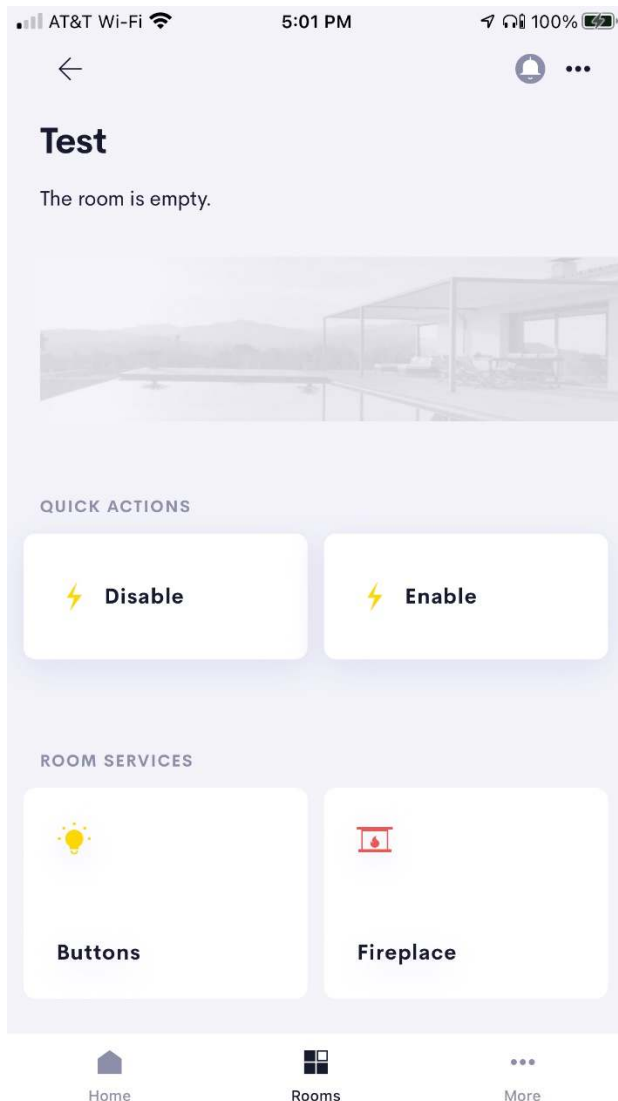**Buttons Enabled** - enable normal extension functions.

Buttons Disabled – disable normal extension functions.

Button 1-10 Pressed – The corresponding button has been pressed.
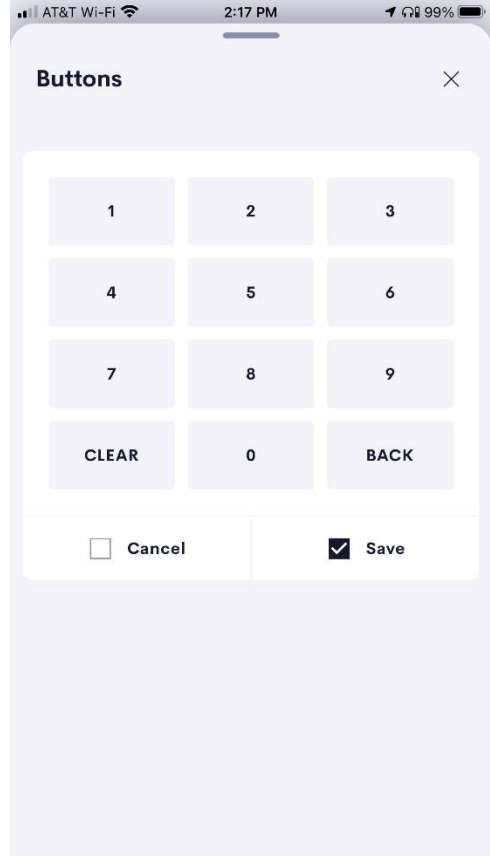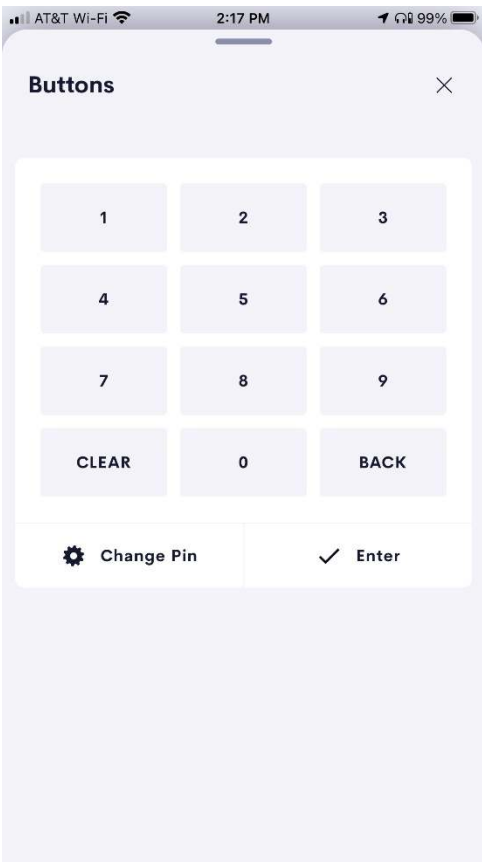
End-User Experience

The above 3 images show the feedback as the keypad goes between license expired, disabled which is shown by the yellow dot, and enabled (left to right)
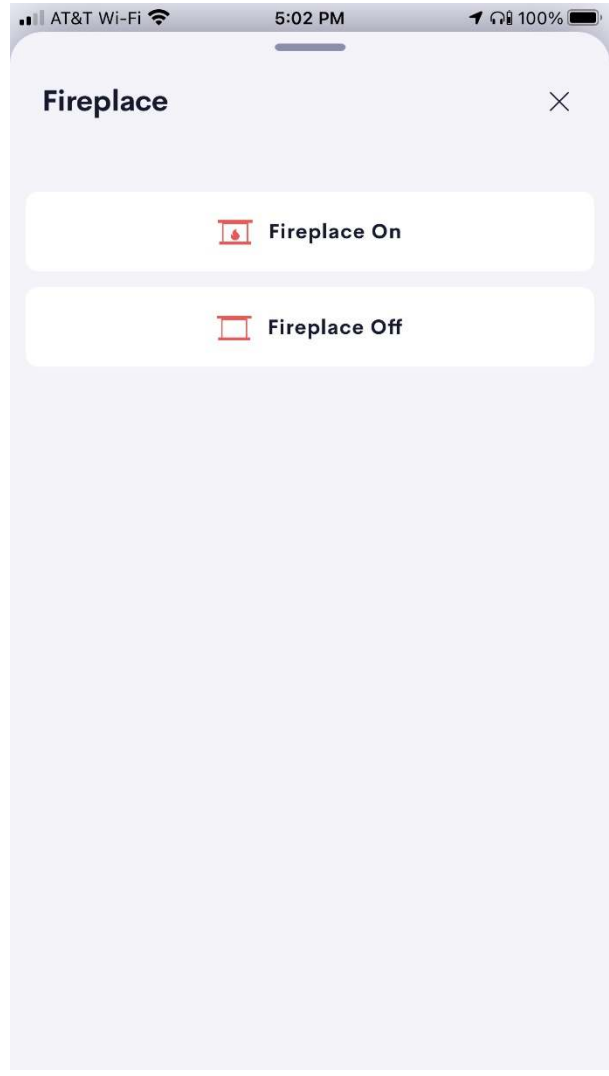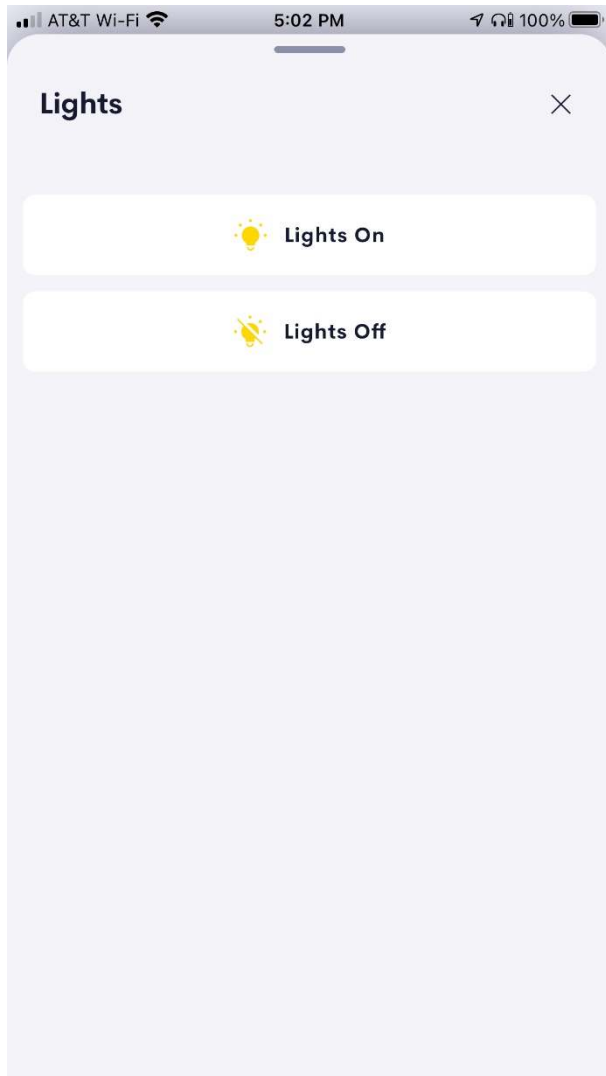

Depending on what is entered each room/home tile will have a different looks and feed.

To the left the extension has been configured two different ways, one to show lights buttons and one to show fireplace buttons.
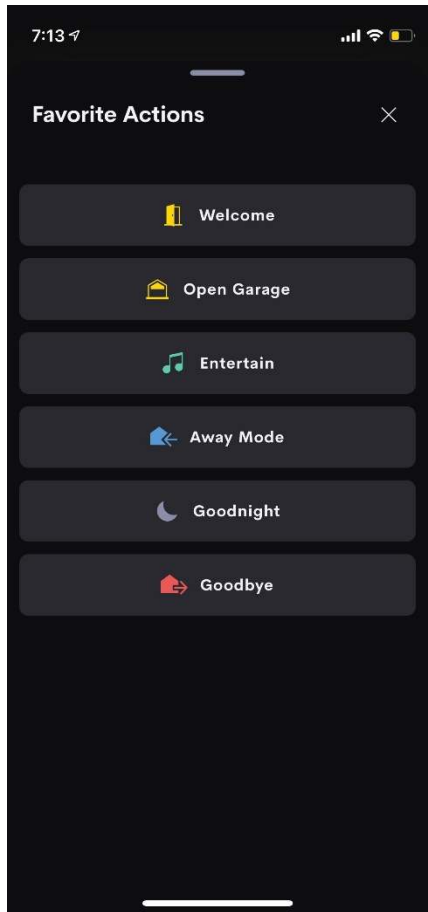
Notice the different tile icons.

If a PIN code has been specified in the installer options, after the room/home tile has been pressed the PIN code will be prompted. After entering the PIN code, you can touch ENTER or CHANGE PIN. If the PIN is being changed, the new pin will be entered and either saved or cancelled.

As shown above, entering unique text as well as selecting an icon from the Creston Home icon library, makes the same extension look different to suite your needs.

The text in the upper left corner is configurable.

Another example of what can be created using this extension.

Limitations/Known Issues

- No know limitations or issues

Supported Features

- Not applicable

Test Environment

- CP4-R and MC4-R
- Crestron Home v3.005.0054

Contact Information

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- License Key: https://cpllc.net/?product=ui-tile-buttons

Version History

2024-06-14   4.000

- Switched to new SDK

2023-04-04   2.00.006

- Added required CCD SDK JSON fields

2022-07-29   2.00.001

- Converted to License Manager

2021-06-08   1.01.002

- Added PIN code option

2021-06-02   1.01.001

- Initial Release

Licensing and Copyright Information