



Control Programming LLC

Release Notes

Driver – Control Programming LLC Keypad Buffer Logic Cloud
version 2.0.6

Extension

This release note is for the Keypad Buffer extension. This extension is designed to act as a buffer between keypad presses and the lights being controlled. The Keypad Press XX (01-10) event would be “wired” to the Keypad Buffer action, which in turn would trigger the Keypad Buffer Pressed XX (01-10) event to recall the lighting scene. If the Keypad Buffer extension is disabled, the keypad’s press events would be ignored.

Notes and Recommendations

Drivers->Date-Time->Control Programming LLC->Keypad Buffer

System Requirements and Dependencies

Provide any minimum versions of applications required to run your driver.

- I.E. Crestron Home v3.002
- This extension requires that the License Manager (<https://cpllc.net/product/license-manager/>) also be installed on the processor

Installation/Upgrade Instructions

Installation and dealer-facing configuration instructions.

Installer Options

 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
 Show in Home Screen Checked to show on Home screen	<input type="checkbox"/>
 Show on Room Screen Checked to show in Room screen	<input checked="" type="checkbox"/>
 Invert Signal Checked if signal is to be inverted	<input type="checkbox"/>

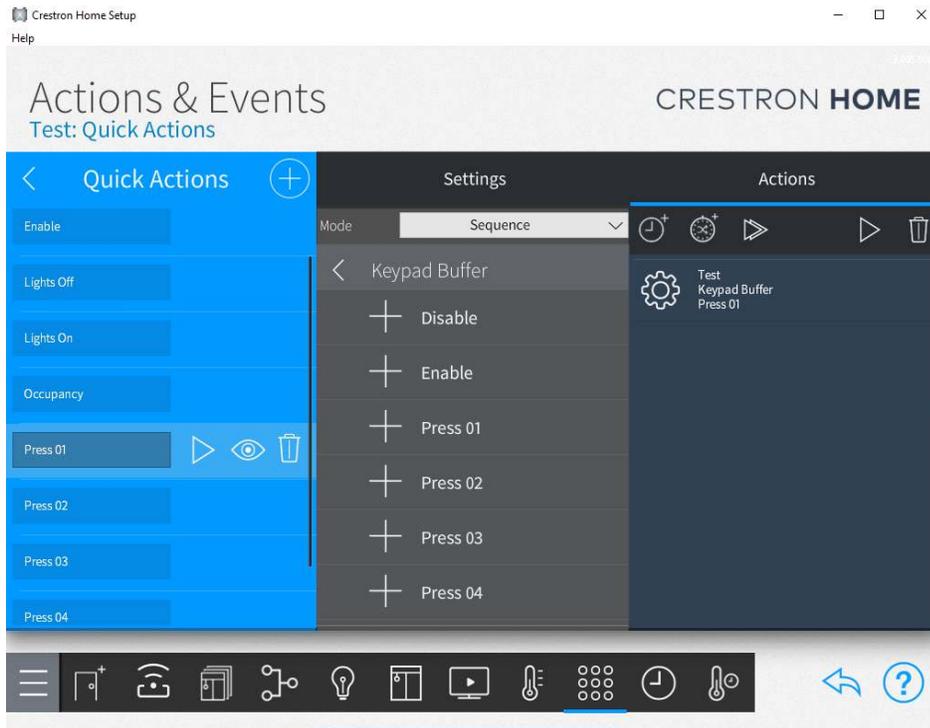
LObtain License Key – clicking on the “CPLLC.net” link will take you to the website to purchase the necessary license. The obtained license key will need to be entered in the license manager on the appropriate SKU.

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.

Invert Signal – inverts the signal

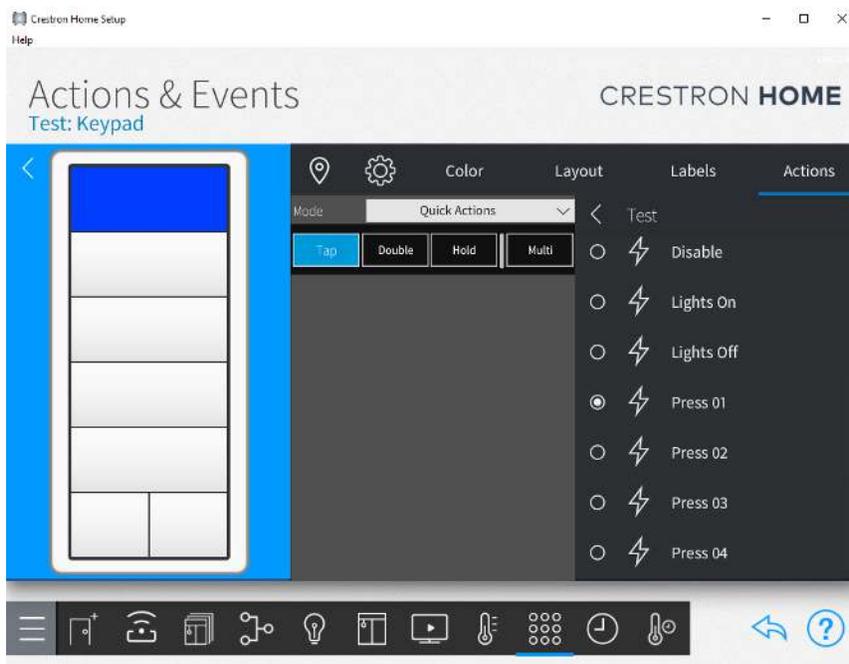
Quick Action – Occupancy



Due to the Keypad press design in Crestron Home, the Press Event can only execute a quick action.

The Quick action, as shown to the left, simply links into the Keypad button 1 to the Press 01 action in the Keypad Buffer.

Actions

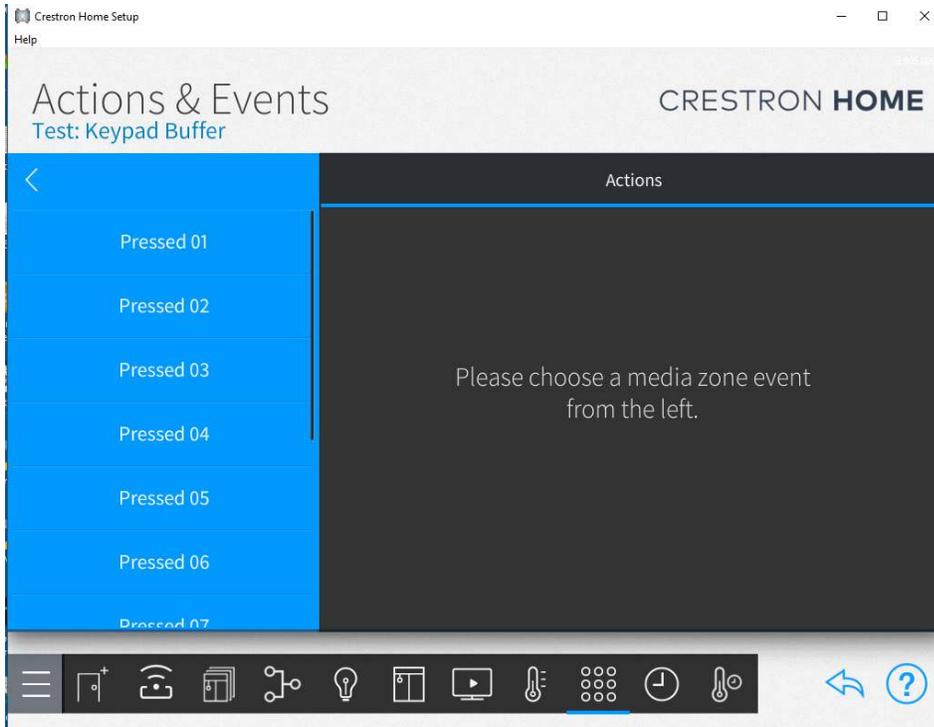


Enable – Enables the Keypad Buffer to pass through the keypad presses.

Disable – Disables the Keypad Buffer from passing through the keypad presses.

Press XX (01-10) – Press action that lines up with the Keypad press action.

Events

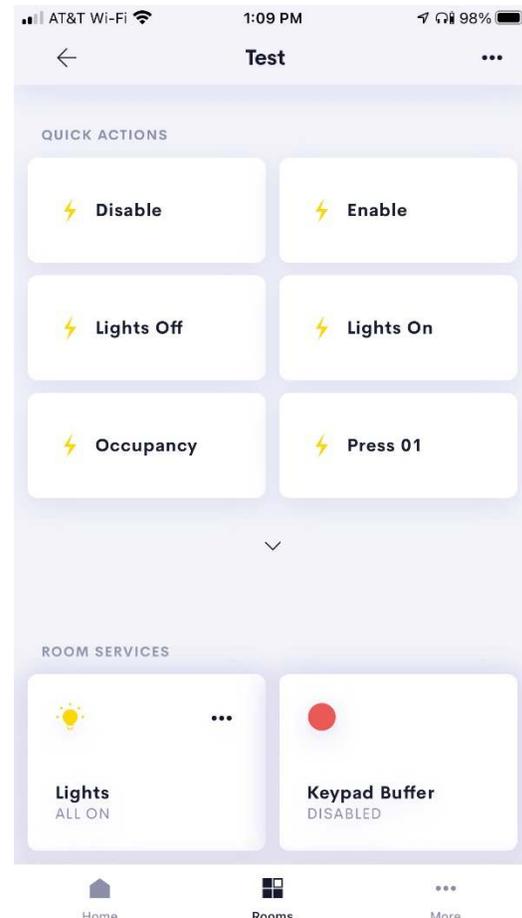
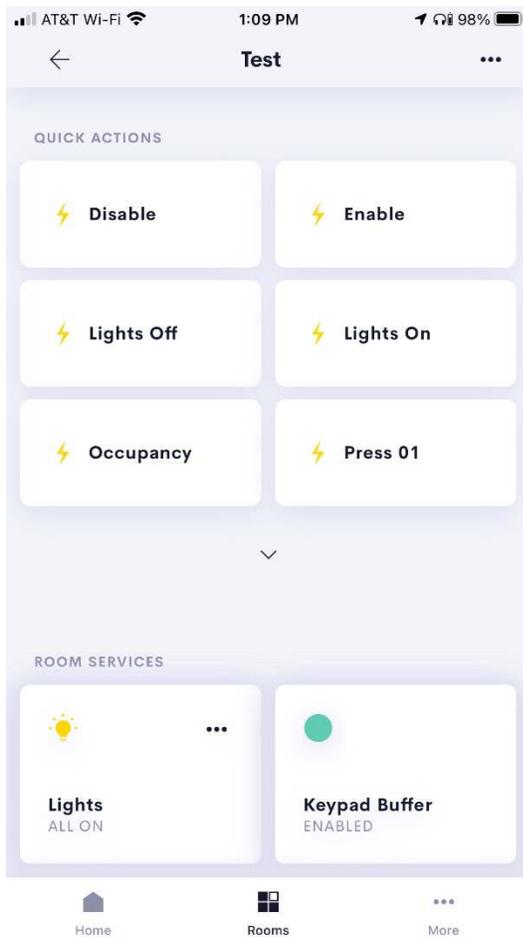


Enabled – Event that is executed when the Enable action has been triggered

Disabled – Event that is executed when the Disable action has been triggered

Pressed XX (01-10) – Event that is executed when the Press XX is triggered

End-User Experience



Left screen shot shows the enabled status which the right screen shot shows the disabled status. As noted elsewhere, the extension will 100% function for two hours without a license key. After two hours the tile will show “Licensed Expired” if a valid license has not been entered.

Limitations/Known Issues

No known limitations.

Supported Features

Enable/Disabling of the Keypad Buffer

Test Environment

List the environments where this driver has been tested and any control system firmware versions used.

- I.E. Crestron Home v3.001.1234

Supported Models

Not applicable

Contact Information

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- License: <https://cpllc.net/?product=keypad-buffer>

Version History

2023-04-04 2.00.006

- Added the required CCD SDK JSON fields

2022-07-27 2.00.001

- Converted to License Manager

2021-04-05 1.01.002.0001

- Implemented saving the enable/disable state across reboots and/or power failures

2021-04-03 1.01.001.0001

- Initial release

Licensing and Copyright Information

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