



Control Programming LLC

Release Notes

Power – Bond Bridge - Device - Cloud
version 2.00.006

Extension

This release note is for the CPLLC Bond Bridge device Extension. Bond bridge is a Wifi to RF bridge and is described <https://bondhome.io/>.

Notes and Recommendations

At present this extension tracks the Bond Bridge devices state internal as there is currently no feedback from the Bond Bridge device. Control of the Bond Bridge device should be done completely within Crestron Home and not using the mobile app.

Drivers->Power->Bond Bridge>Device

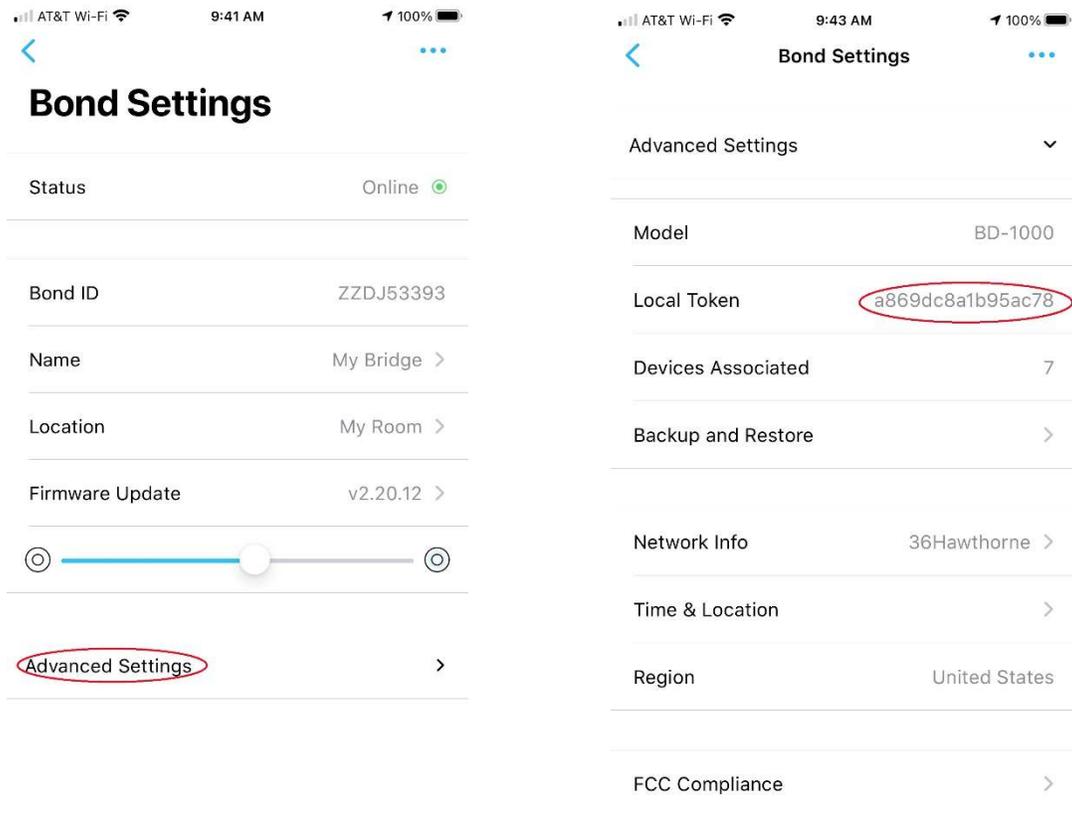
System Requirements and Dependencies

Crestron Home v3.13

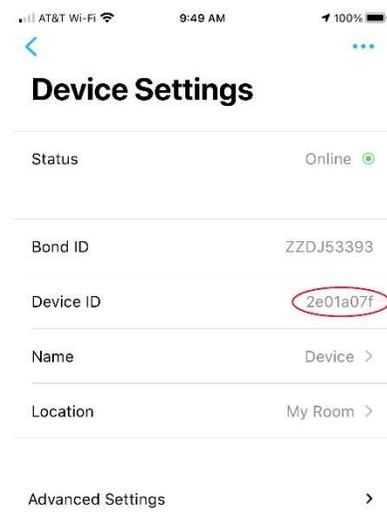
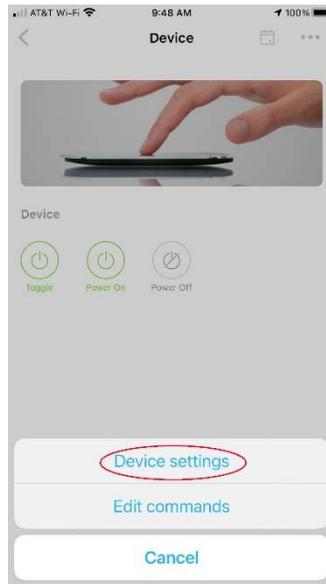
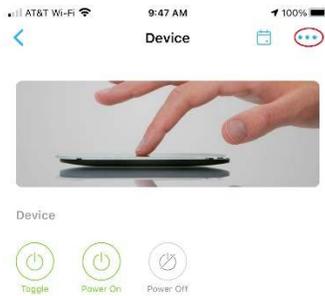
This extension requires that the License Manager (<https://cpllc.net/product/license-manager/>) also be installed on the processor.

Operation Installation/Upgrade Instructions

Prior to installing this Bond Bridge extension, you will need to locate the Bond Bridge's local token string as well as the specific device being controlled device id.



As shown above, clicking the Bond Bridge device in the mobile app will display the left screen. Selecting "Advanced Settings" will display additional information which includes the "Local Token"



The Device's Id can be found by clicking on the device's tile which will display the left image. Clicking the 3 dots in the upper right-hand corner will bring up the "Device Settings" selection. One selected, the Device ID is displayed as shown in the right image below.

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"/>
 Starting PIN Code Enter initial numeric PIN code. Leave blank to disable PIN.	<input type="text"/>
 Checked if tile clickable Checked if tile clickable	<input checked="" type="checkbox"/>
 Bond Bridge's IP Address Bond Bridge's IP Address	<input type="text" value="10.2.176.38"/>
 Bond Bridge's Local Token Bond Bridge's Local Token	<input type="text" value="9f1a817f565b2257"/>
 Bond Bridge's Device ID Bond Bridge's Device ID of the Device to control	<input type="text" value="1cab70bb"/>

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 – Initial PIN code. Leave blank to disable PIN codes.

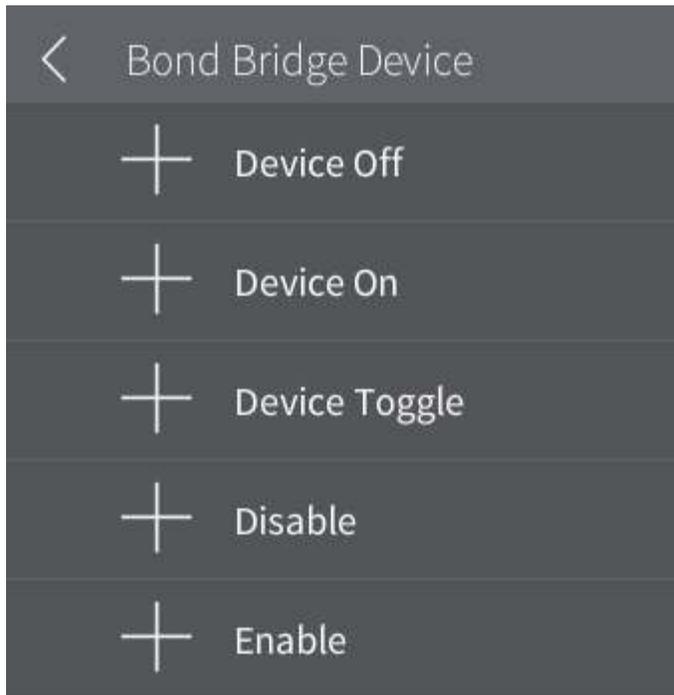
Tile Clickable – checked if the room tile can toggle between on/off

Bond Bridge's IP Address – address of Bond Bridge device.

Bond Bridge's Local Token – Bond Bridge's local token (This is found as described previously)

Bond Bridge's Device ID – Bond Bridge specific device's id (this is found as described previously) Use 1 if nothing found.

Actions



Device Off – Turn the device off

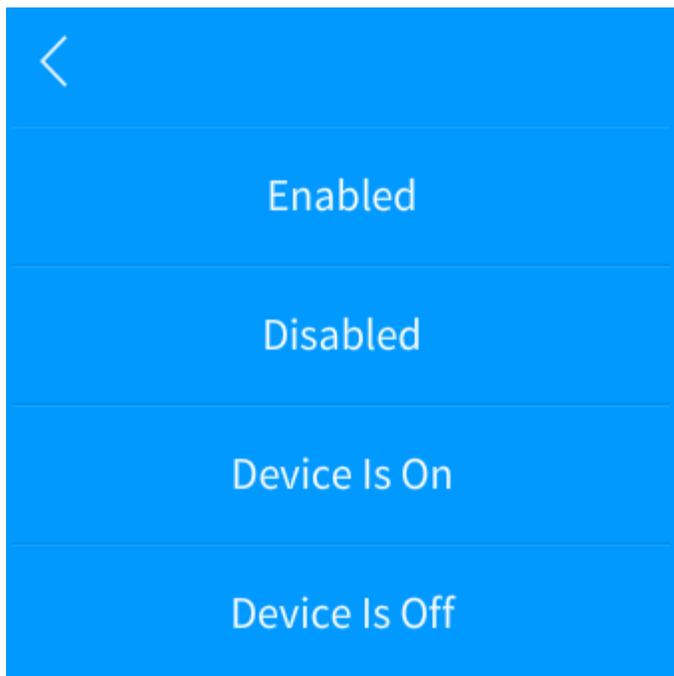
Device On – Turn the device on

Device Toggle – toggle the device between on/off

Disable – Disable the extension

Enabled – Enable the extension

Events



Enabled - enable normal extension functions

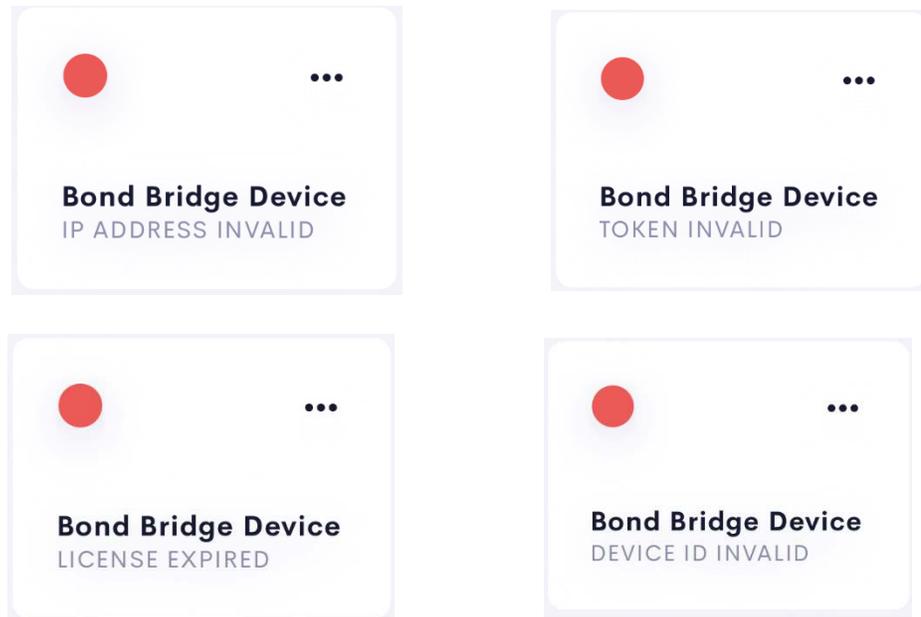
Disabled – disable normal extension functions

Device Is On – device has been turned on

Device Is Off – device has been turned off

End-User Experience

Below are tile images that show various errors that could be encountered:

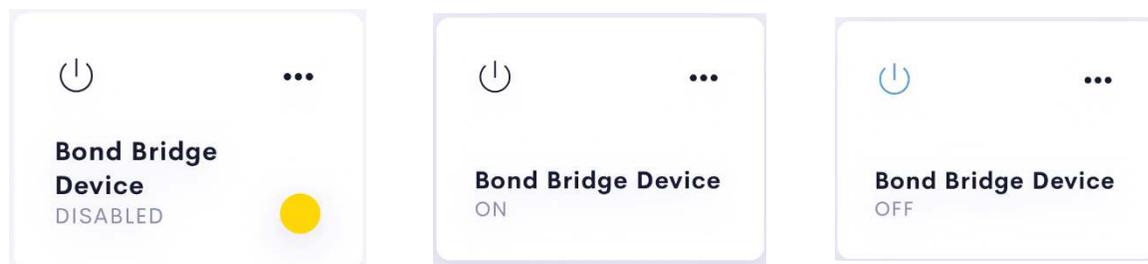


IP Address Invalid – IP address that was entered did not connect to a Bond bridge

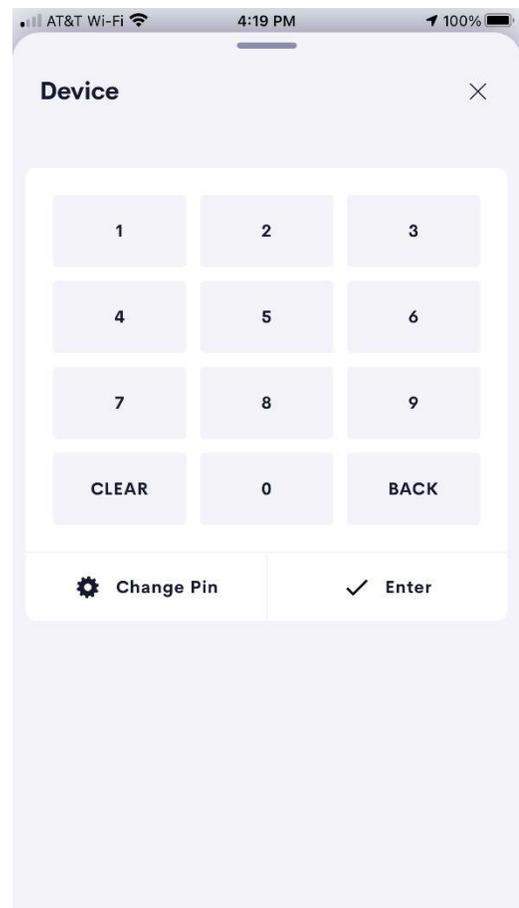
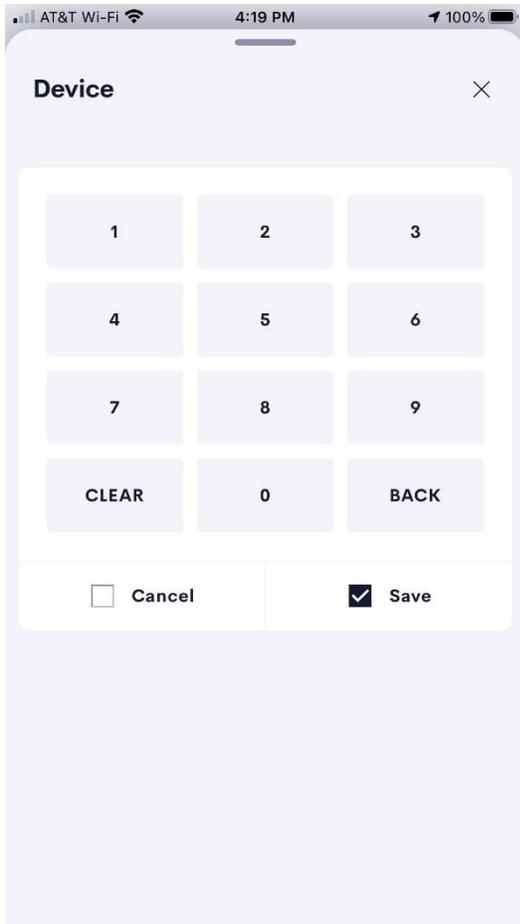
Token Invalid – Bond Bridge’s token is incorrect

Device ID Invalid – Bond Bridge’s device id does not exist

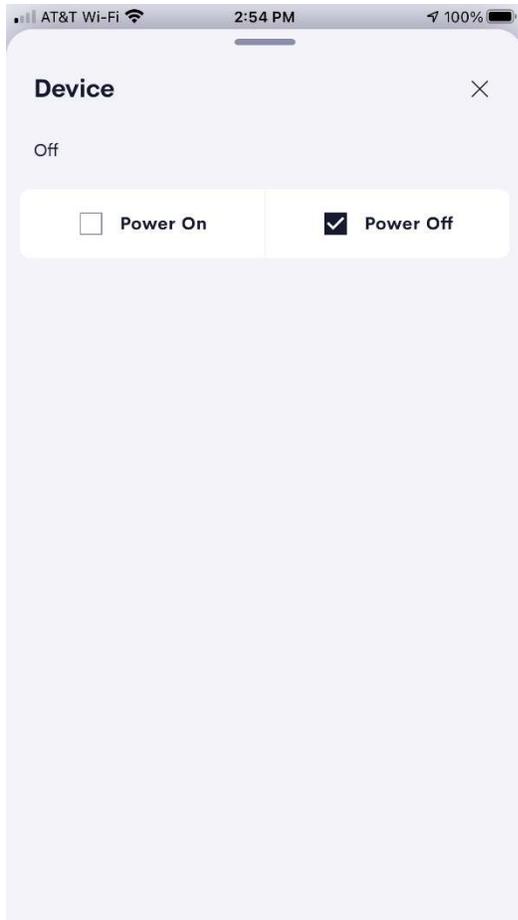
License Expired – The 2-hour testing window has expired as there is no valid license key



The above three Tiles show the extension disabled feedback, device is enabled and on, and the device is enabled and off.



If an initial pin has been specified in the installer options, the left image will be displayed prior to the controls being displayed. As the pin is entered in, it will be displayed in the upper left hand just above the pin pad. There are two options once the pin has been entered. Pressing ENTER results in the pin being checked and if correct the control will be displayed. If CHANGE PIN is pressed, the image on the right will be displayed. A different pin can be entered and either CANCEL or SAVE is pressed. In either case the controls page will be displayed.



The control screen provides Power on and Power off buttons. A check mark will be displayed on the last button pressed.

Limitations/Known Issues

- No known 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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- Website: <https://cpllc.net>
- License Key: <https://cpllc.net/?product=bond-bridge-device>

Version History

- | | | |
|------------|-----------|--|
| 2022-04-04 | 2.00006 | <ul style="list-style-type: none">• Minor bug fixes and adjustments required for Hot Fix |
| 2022-12-16 | 2.00.005 | <ul style="list-style-type: none">• Added required changes to the CCD JSON file |
| 2022-08-17 | 2.00.002 | <ul style="list-style-type: none">• Bug fixes |
| 2022-07-27 | 2.00.001p | <ul style="list-style-type: none">• Implemented new licensing schema• Eliminated all DLLs |
| 2021-12-02 | 1.00.004 | <ul style="list-style-type: none">• Resolved some library issues |
| 2021-08-12 | 1.00.002 | <ul style="list-style-type: none">• Added live CPLLC.net link in installer options |
| 2021-07-31 | 1.00.001 | <ul style="list-style-type: none">• Initial Release |

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