Control Programming LLC
Release Notes

Fan – Bond Bridge - Fan - 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, control of the Bond Bridge fireplace needs to be done within Crestron Home and not utilizing the Bond Bridge mobile app. State is maintained within this extension.

Drivers->Fan->Bond Bridge->Fan

System Requirements and Dependencies

Crestron Home v3.005.0054

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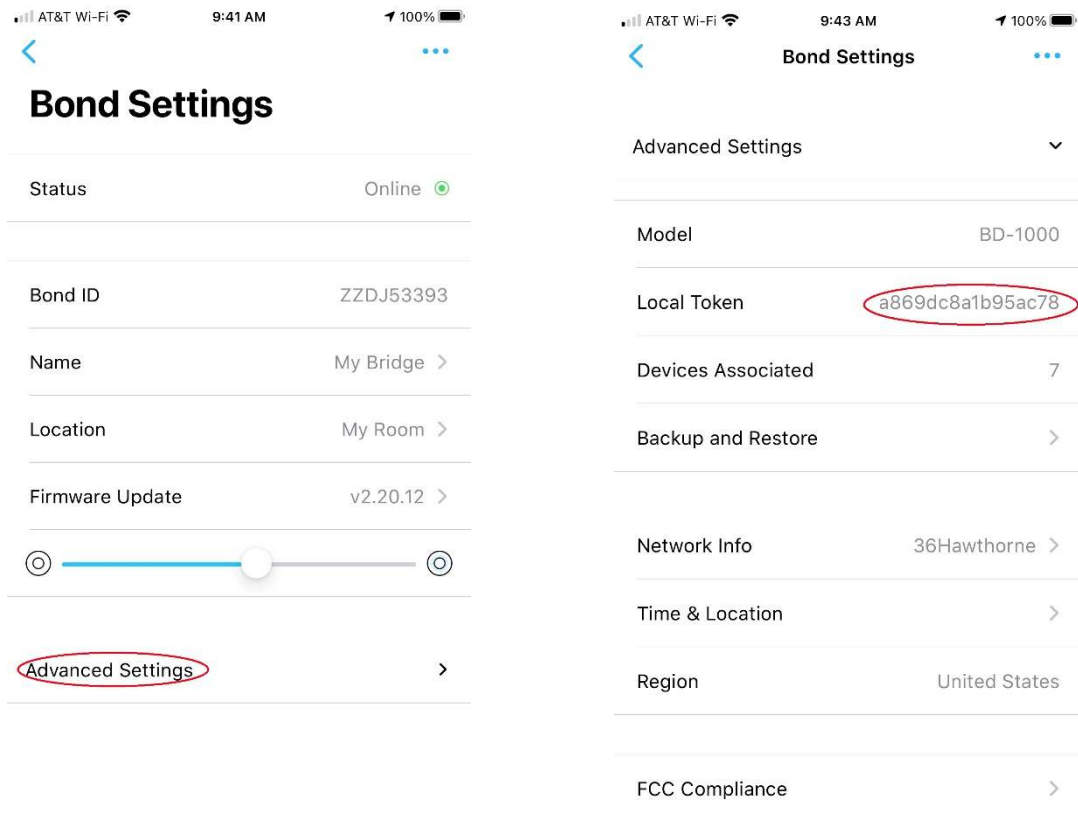
As shown above, clicking the Bond Bridge device in the mobile app will display the left screen. Selecting "Advanced Settings" will display additional information which includes the "Local Token"

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.
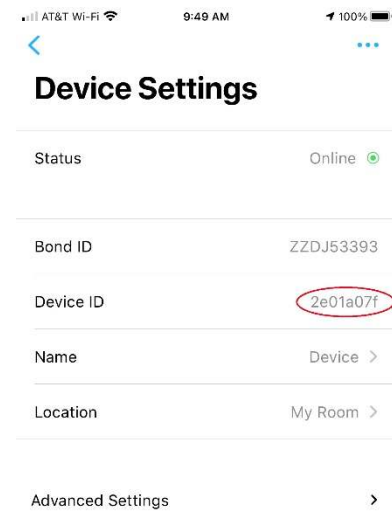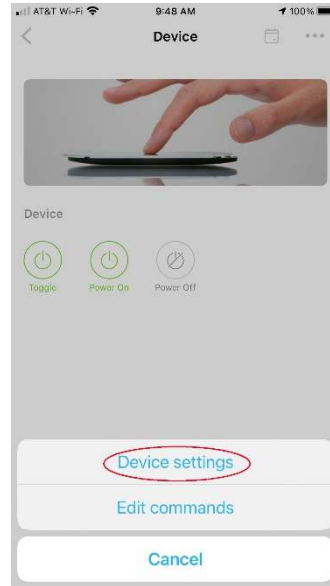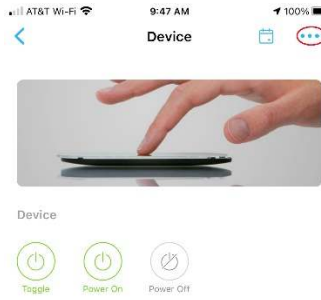
Installer Options

ⓘ	**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	☐
ⓘ	**Show on Room Screen** Checked to show in Room screen	☑
ⓘ	**Starting PIN Code** Enter initial numeric PIN code. Leave blank to disable PIN.	
ⓘ	**Tile Clickable** If checked, pressing the room tile will toggle the state. If unchecked, an additional page would be displayed with discreet buttons to set st...	☑
ⓘ	**Bond Bridge's IP Address** Bond Bridge's IP Address	10.2.176.38
ⓘ	**Bond Bridge's Local Token** Bond Bridge's Local Token	9f1a817f565b2257
ⓘ	**Bond Bridge's Device ID** Bond Bridge's Device ID of the Device to control	0d8e6ee5

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

Fan	
Disable	**Disable –** Disable the extension
Down Light Off	**Enabled –** Enable the extension
Down Light On	**Fan On –** turn the fan on
Enable	**Fan Off –** turn the fan off
Fan Forward	**Fan Forward –** placed the fan in forward motion
Fan Off	**Fan Reverse –** place the fan in reverse motion
Fan On	**Fan Speed Decrement –** decrement the fan speed by 1 speed until it hits the lowest speed setting
Fan Reverse	**Fan Speed Increment –** increment the fan speed by 1 speed until it hits the highest speed setting (installer option)
Fan Speed Decrement	**Fan Speed Set -** set the fan speed
Fan Speed Increment	**Fan Toggle -** toggle fan on/off
Fan Speed Set	**Light Off –** turn light off
Fan Toggle	**Light On -** turn the light on
Light Off	**Up Light On –** turn the up light on
Light On	**Up Light Off –** turn the up light off
Up Light Off	**Down Light On –** turn the down light on
Up Light On	**Down Light Off –** turn the down light off
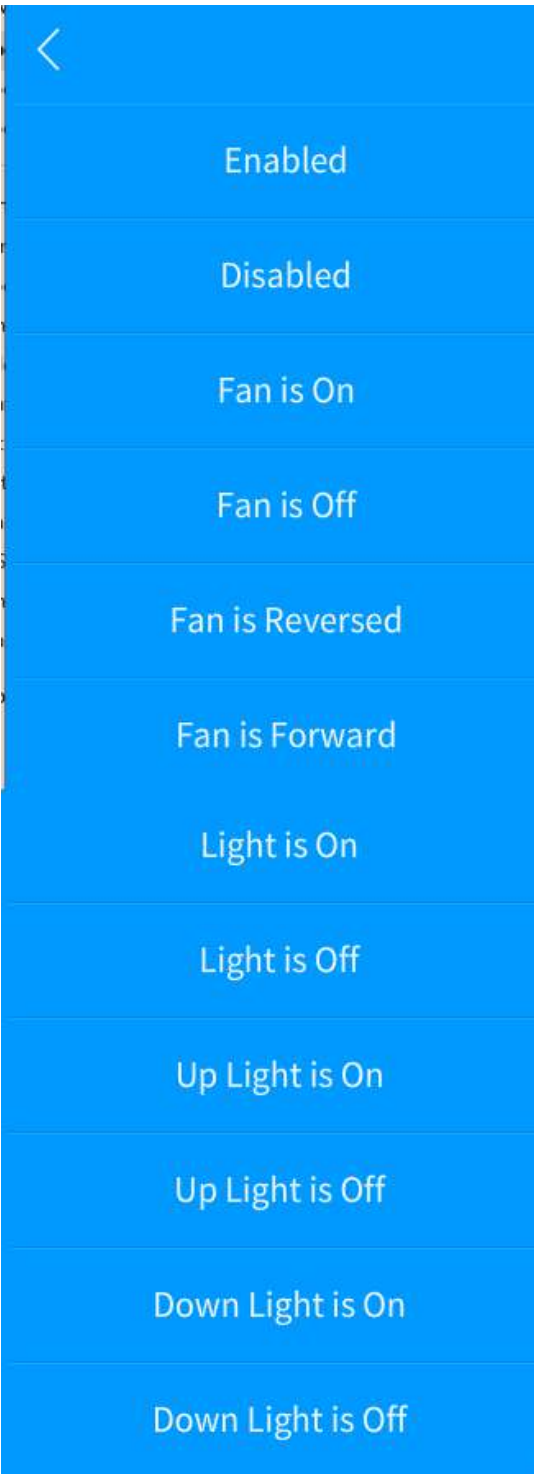
Events

Enabled
Disabled
Fan is On
Fan is Off
Fan is Reversed
Fan is Forward
Light is On
Light is Off
Up Light is On
Up Light is Off
Down Light is On
Down Light is Off

Enabled - enable normal extension functions

Disabled – disable normal extension functions

Fan is On – fan has been turned on

Fan in Off – fan has been turned off

Fan is Reversed – fan blade direction has been set to reverse

Fan is Forward – fan blade direction has been set to forward

Light is On – light has been turned on

Light is Off – light has been turned off

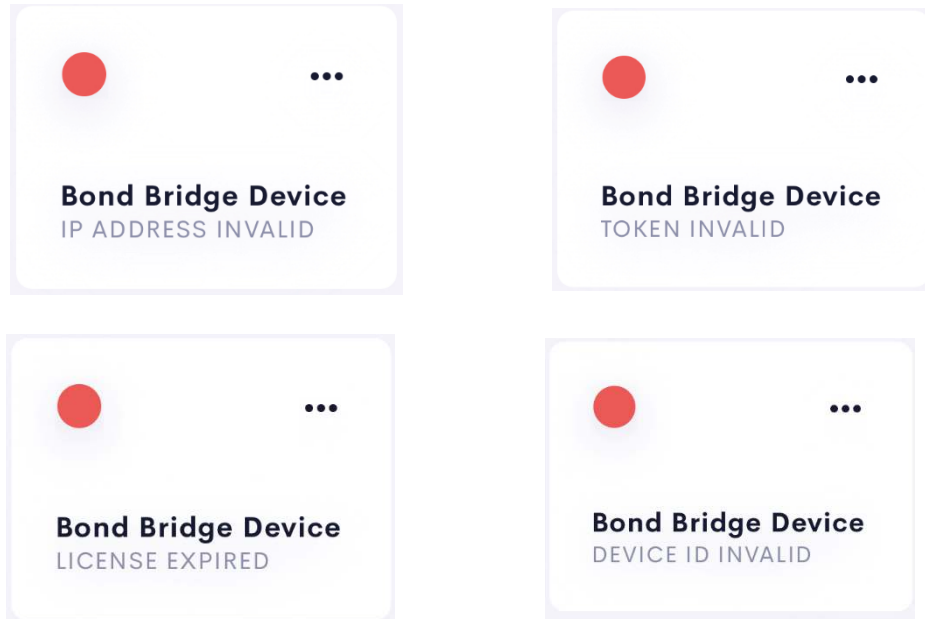**Up Light is On –** upper light has been turned on

Up Light is Off – upper light has been turned off

Down Light is On – down light has been turned on

Down Light is Off – down light has been turned off

End-User Experience

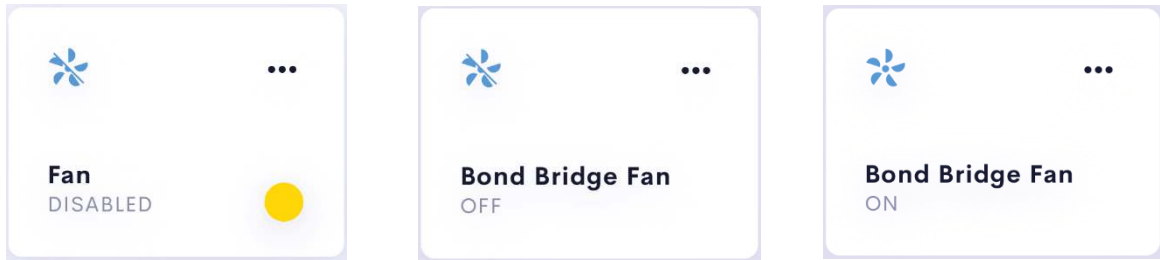Below are tile images that show various errors that could be encountered:

IP Address Invalid – IP address that was entered did not connect to a Bond bridge
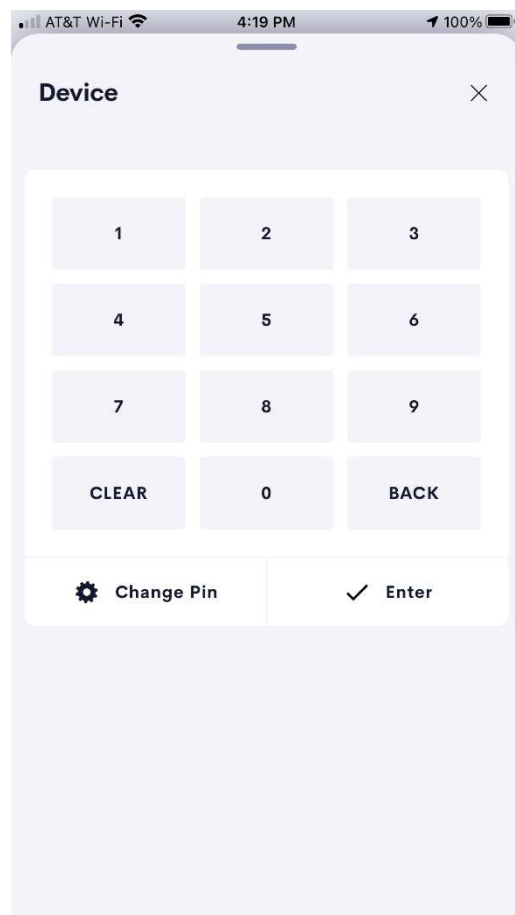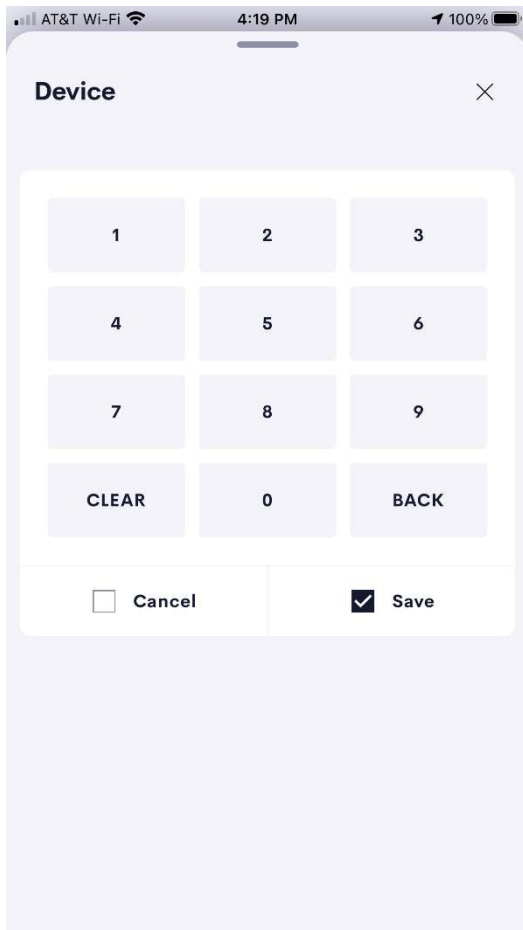
Token Invalid – Bond Bridge's token is incorrect

**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, fan is off and fan is on.

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. Ther 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.
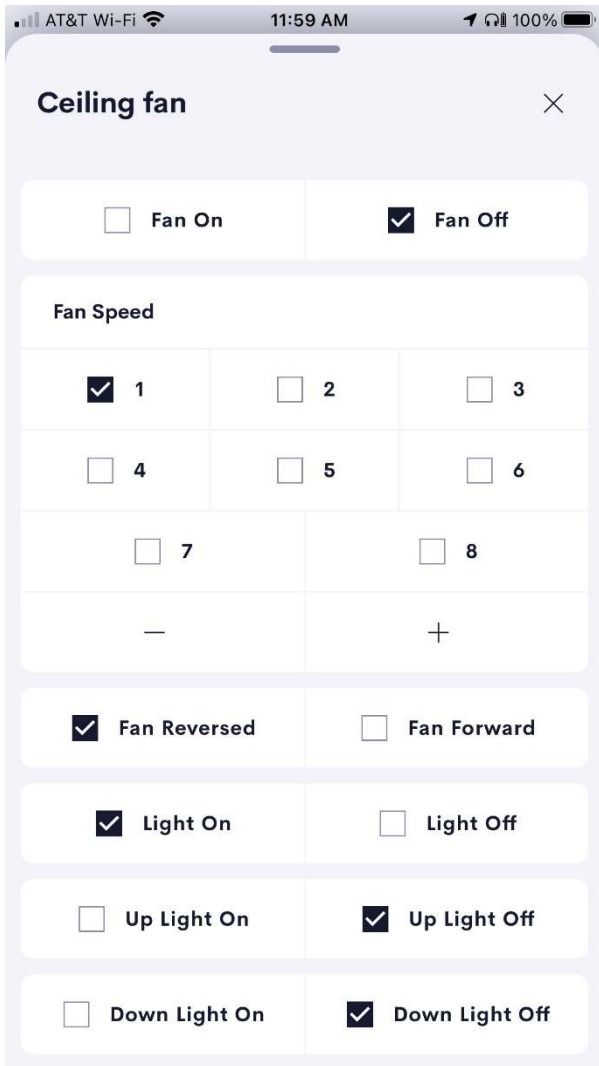
The control screen provides both fan control and light control buttons.

Depending on the number of fan speeds specified in the installer options (max 8).

When the Bond Bridge device description is retrieved, some of all of the light buttons may or may not be displayed.

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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Version History

2022-04-04   2.00006

- Minor bug fixes and adjustments required for Hot Fix

2022-12-16   2.00.005

- Added new CCD JSON fields

2022-11-30   2.00.004

- Corrected HTTP link for license key

2022-08-17   2.00.002

- Bug fixes

2022-07-29   2.00.001

- Converted to new Licensing Manager
- Remove all DLLs

2022-05-29   1.00.005

- Fixed library version issues with sequence handling

2021-08-12   1.00.004

- Fixed library version issues

2021-08-12   1.00.002

- Added live CPLLC.net link in installer options

2021-08-07   1.00.001

- Initial Release

Licensing and Copyright Information