



Extension – Control by Web – Quad Relay - Relays version 1.1.3

Extension

This release note is for the Crestron Home extension that interfaces with the Control by Web Quad Relay. The actual hardware can be found at <https://www.controlbyweb.com/webrelay-quad/>.

Notes and Recommendations

Drivers->Relay->ControlByWeb->Quad Relay

System Requirements and Dependencies

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

- I.E. Crestron Home v3.002

Installation/Upgrade Instructions

Installation and dealer-facing configuration instructions.

Installation Settings

| | | |
|----------|---|--|
| <p>ⓘ</p> | <h3>License Key</h3> <p>Please go to https://cpllc.net/?product=dataprobe-iboot-pdu8 to obtain the necessary license key. The extension will function 100% without a license key for 2 hours.</p> | <input type="text"/> |
| <p>ⓘ</p> | <h3>Check to make Visible</h3> <p>Indicates if the extension is visible within the room</p> | <input checked="" type="checkbox"/> |
| <p>ⓘ</p> | <h3>Relay(s) Display Filter</h3> <p>Specifies which relays are to be displayed. If left blank all relays will be displayed. To specify an relay(s) comma seperate the outlet number (1,2)</p> | <input type="text"/> |
| <p>ⓘ</p> | <h3>Cycle Seconds</h3> <p>Number of seconds to wait between closing relay and opening relay</p> | <input type="text" value="5"/> |
| <p>ⓘ</p> | <h3>IP Address</h3> <p>IP Address of the ControlbyWeb Quad Relay device</p> | <input type="text" value="10.1.176.62"/> |
| <p>ⓘ</p> | <h3>Control Password</h3> <p>Password, if required, to send control requests to the ControlbyWeb Quad Relay and is required for relay open/close. This is left blank if not password needed.</p> | <input type="text"/> |
| <p>ⓘ</p> | <h3>Setup Password</h3> <p>Password required to send setup requests to the ControlbyWeb Quad Relay and is required to change the relay name</p> | <input type="text" value="webrelay"/> |

OK

Cancel

Installer Options

License Key – this extension requires a paid license key which can be obtained from <https://cpllc.net/?product=control-by-web-quad-relay>. For testing purposes, this extension will function 100% for 2 hours. Rebooting will reset the two hours.

Check to make Visible – this should mostly be left unchecked. It will not be visible to the end user if unchecked.

Relay(s) Display Filter – if left blank all relays will be displayed. Comma separated relay number(s) will display only those relays.

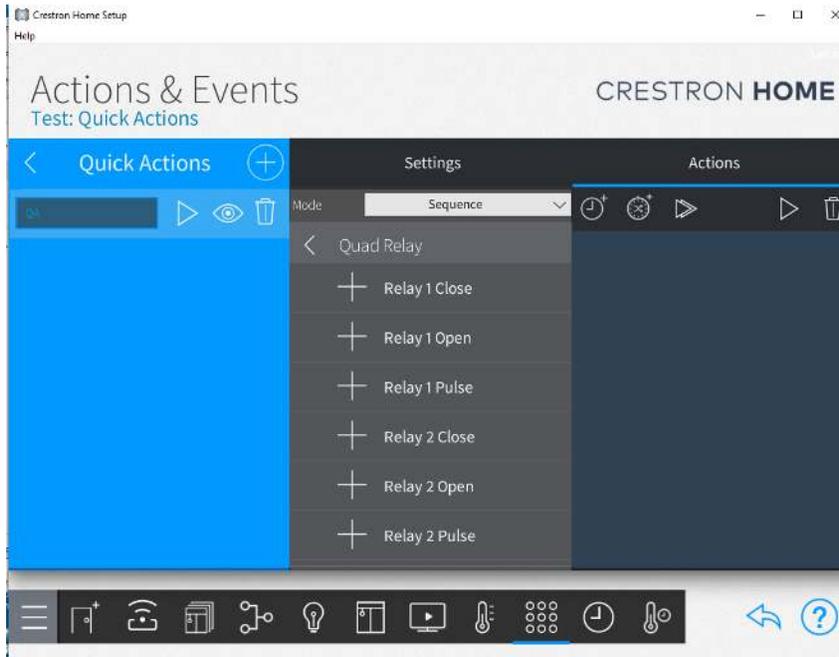
Cycle Seconds – the number of seconds between the relay being closed and being opened

IP Address – IP address of the Control by Web Quad Relay.

Control Password – Password required to control the relays. If passwords are disabled leave this field blank.

Setup Password – Password required to change the relay name.

Actions

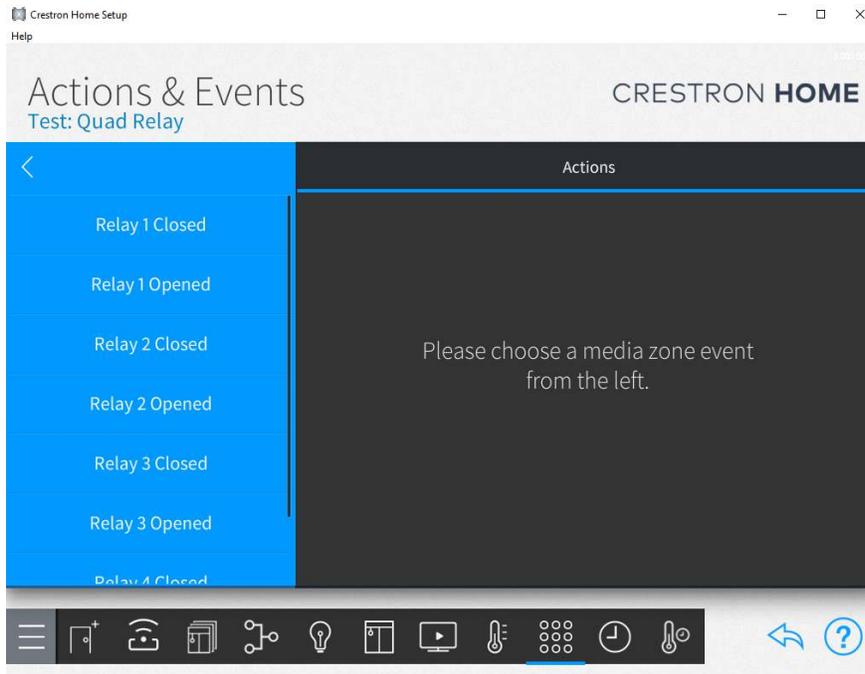


Relay (1-4) Open – Action that opens the corresponding relay

Relay (1-4) Close – Action that closes the corresponding relay

Relay (1-4) Pulse – Action that cycles between closing the corresponding relay for the number of seconds defined and then opening the corresponding relay.

Events

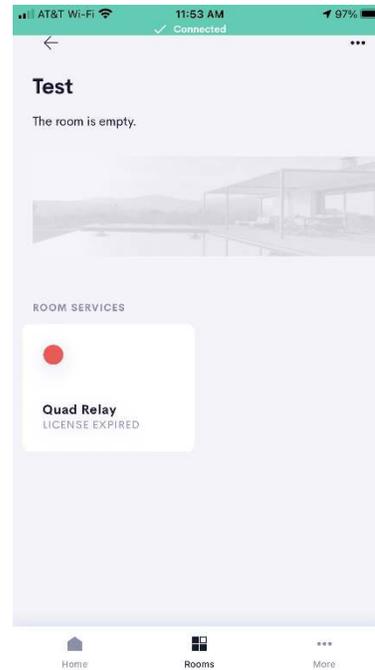
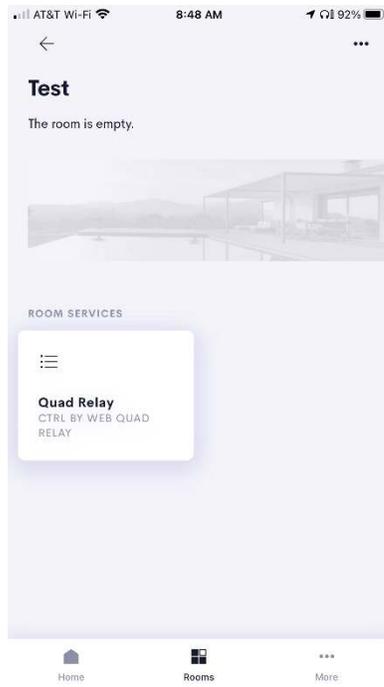


Relay (1-4) Closed – Event that is triggered when the corresponding relay is closed

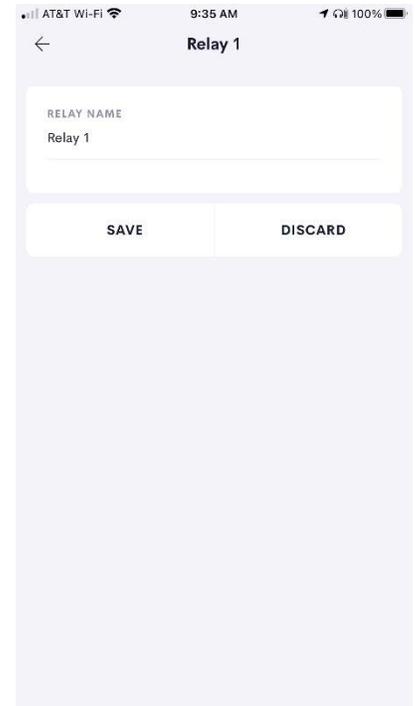
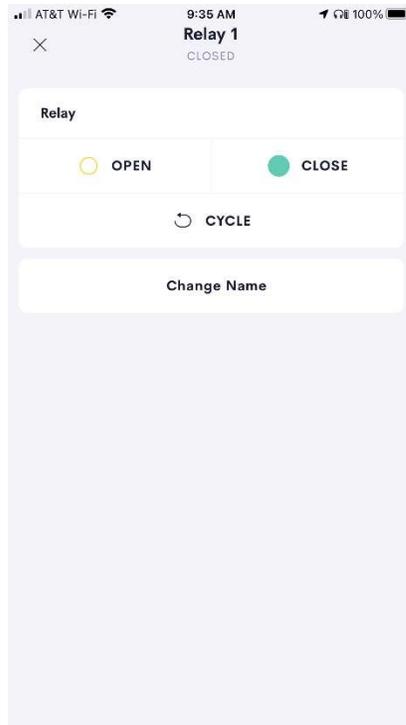
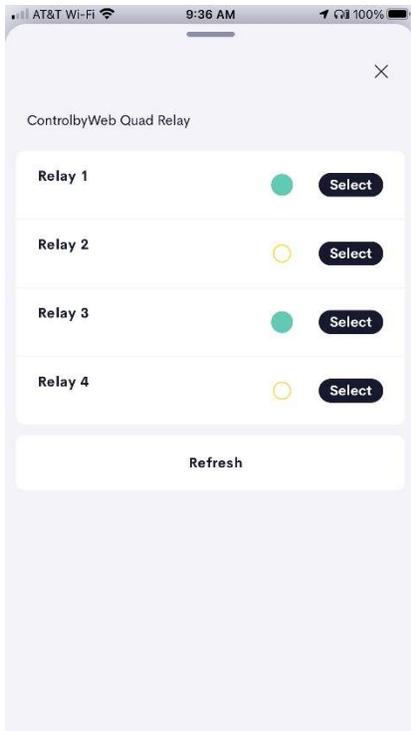
Relay (1-4) Opened – Event that is triggered when the corresponding relay is opened

End-User Experience

This is a driver and as such there is no 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.



The left screen shots show the relay and their corresponding state. A green icon indicates the relay is closed. A yellow circle icon indicates the relay is opened.

The middle screen shot allows for UI control of the replay. The relay can be opened, closed, or cycled. The cycle time is defined in the installer options.

The right screen shot allows for UI control of changing the relay name.

Limitations/Known Issues

No known limitations.

Supported Features

It does not expect any feedback from the receiving device.

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

ControlbyWeb Quad Relay

Contact Information

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- Website: <https://cpllc.net>
- License: <https://cpllc.net/?product=control-by-web-quad-relay>

Version History

2021-04-09 1.01.001.0001

- Initial release

Licensing and Copyright Information

Certain Crestron products contain open-source software. For specific information, please visit www.crestron.com/opensource