Control Programming LLC

Release Notes

CPLLC Virtual Power Controller

Version 5.00 · November 18, 2026

Product	CPLLC Virtual Power Controller (Crestron Home extension)
Version	5.00
Release date	November 18, 2026
Where to find it	Drivers › Power Controller › Control Programming LLC › Virtual Power Controller
Requires	Crestron Home OS 4.14 or later
Licensing	A Virtual Power Controller license key (cpllc.net/product/sdk-virtual-power-controller), a CPLLC Toolkit license key (cpllc.net/product/toolkit-license) or a CPLLC site license key (cpllc.net/product/site-license), entered in the extension's Enter License Key, or a Toolkit or site license key once in the CPLLC License Manager

Overview

The CPLLC Virtual Power Controller is a power controller (a PDU) with no hardware behind it: four switched outlets, Outlet 1 to Outlet 4, each turned on and off with Crestron Home's own power controller controls. Crestron Home shows it like any other power controller, and sequences can switch its outlets and follow them with Crestron Home's own events, so it can stand in for a power controller that is not installed yet, or be used to try out power control in a room before the hardware arrives.

Capabilities

Capability	What it does
Four switched outlets	Outlet 1 to Outlet 4, each a power bank of one load, labeled with its number, all off when the extension starts.

Capability	What it does
On, Off and Toggle	Crestron Home's own commands switch each outlet; its state is shown at once.
Power cycle	Crestron Home's Cycle Power turns an outlet off and back on after its cycle delay (5 seconds to start, 1 to 60 seconds). A second cycle while one runs starts the delay over.
Cycle delay and control mode	Crestron Home can set each outlet's cycle delay and its control mode (full control or cycle only); the extension keeps what is set.
Power-on sequence	The order the outlets come on at power up, Outlet 1 to 4 to start; Crestron Home can change it. A virtual controller never powers up, so the order is kept but never acted on.
Live debug	Debug output turns on and off while the processor runs.

What's New in 5.00

- A CPLLC Toolkit license key, one key per processor for every CPLLC toolkit product, now licenses this extension too, entered in its Enter License Key or once in the CPLLC License Manager.
- Installing asks one page fewer: the closing "CPLLC License Manager" page is gone, since the License Manager is not required. A copy that is already installed keeps the page in its settings; nothing else changes on an upgrade.
- First release: a power controller with four switched outlets, built on the Crestron Home power controller model (Entity Model), for the Crestron Home versions that draw power controllers themselves (4.14 and later).
- On, off, toggle and power cycle on every outlet, with Crestron Home's own commands and events.
- Debug output can be turned on and off while the processor runs, without a restart.
- Its own license key, or a CPLLC site license key, licenses the extension by itself; the CPLLC License Manager is not required, but is the convenient place to enter a site license key once for every CPLLC driver.

Installing

Load the package on the processor, then add it from Drivers › Power Controller › Control Programming LLC › Virtual Power Controller, name it, put it in a room and enter its license key (or leave it blank on a site with a CPLLC site license). Its four outlets appear under it.

Installer Options

Option	Description
Obtain License Key	Opens CPLLC.net, where license keys and site licenses can be purchased.

Option	Description
Enter License Key	The Virtual Power Controller license key. Leave blank when the site has a CPLLC Toolkit or site license.

Sequences

The power controller uses Crestron Home's own power controller actions and events: sequences turn its outlets on and off and follow their state with Crestron Home's own events. It adds no actions or events of its own.

End-User Experience

The power controller appears in its room with Crestron Home's own power controller controls, showing each outlet and whether it is on.

Without a valid license key or a CPLLC site license, the power controller runs for a two-hour grace period after it starts; then it goes offline. Entering a valid key, or adding a site license, brings it back without a restart.

Known Limitations

- Crestron Home draws power controllers itself only from 4.14. On Crestron Home 4.13 and earlier the power controller shows nothing and can't be used.
- It always has four outlets, and Crestron Home names them Outlet 1 to Outlet 4.
- It reports no power metering, power faults or ping monitoring: there is nothing behind it to measure.
- The power controller controls no hardware; it reaches other devices only through sequences on its events.
- Its outlets' states are not kept across a restart: every outlet starts off, with a 5-second cycle delay, full control and the power-on order Outlet 1 to 4.

Test Environment

Crestron Home 4.013.0134 on a DIN-AP4-R.

Version History

Date	Version	Changes
2026-11-18	5.00	On sale ahead of Crestron Home 4.14: needs Crestron Home OS 4.14 or later
2026-11-17	5.00	Licensed by a CPLLC Toolkit license key too
2026-11-12	5.00	Installing no longer shows the closing CPLLC License Manager page

Date	Version	Changes
2026-11-11	5.00	Initial release on the Crestron Home power controller model, with four switched outlets

Support

CPLLC Site License

A CPLLC site license is one key per processor, entered in the License Manager, that licenses every CPLLC extension and platform on that processor, current and future, so no product needs a key of its own. See the Site License page. Customers who already own CPLLC license keys can upgrade to a site license on the CPLLC website for the difference.

CPLLC Toolkit License

A CPLLC Toolkit license is one key per processor that licenses every CPLLC toolkit product on that processor (the UI tiles and lists, virtual devices, Wildcards, Logic and the other toolkit products), entered once in the License Manager or in any one of them. See the Toolkit License page. A site license already includes it, and a Toolkit license can be upgraded to a site license on the CPLLC website for the difference.

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Website	https://cpllc.net
Product page	https://cpllc.net/product/sdk-virtual-power-controller/

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