Control Programming LLC

Release Notes

CPLLC Timer

Version 5.00 · November 17, 2026

Product	CPLLC Timer (Crestron Home extension)
Version	5.00
Release date	November 17, 2026
Where to find it	Drivers › Date-Time › Control Programming LLC › Timer
Requires	Crestron Home OS 4.12 or later; no internet access or account needed
Licensing	A Timer license key (cpllc.net/product/timer), 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 Timer is a resettable countdown for Crestron Home sequences: turn the bathroom fan off 20 minutes after the light, shut the garage lights a few minutes after the door closes, or keep the porch lights on while motion keeps restarting it. Start, a touch on the tile or the (Re)Start sequence starts the countdown, and starting it again while it runs starts it over. When it reaches zero it raises Expired, which the installer ties to a sequence. Stop and Cancel end it early, each with its own event, and Automatically Restart makes it repeat.

Capabilities

Capability	What it does
Countdown	From 1 second to 24 hours (86,400 seconds). The page and the tile use Default Timer in Seconds; the (Re)Start sequence names its own seconds.
Resettable	Starting it while it runs starts it over from the full time, raising (Re)Started again.

Capability	What it does
Time left on the tile	While it runs the tile shows the time left (0:09:59), counting down each second.
Stop and Cancel	Both end the countdown early, with no Expired; each raises its own event, so they can run different sequences.
Automatically Restart	At zero it raises Expired, then starts over with the same seconds, until Stop or Cancel.
Sequence actions	(Re)Start, Stop, Cancel, and Extension Enable / Disable.
Home and room screens	The tile can be shown in its room, on the Home screen, or both.
Tile Clickable and Only Display Tile	A touch on the tile starts and stops the timer, or opens its page; the tile can also be shown alone, with no page.
Live changes	Installer options take effect as soon as they are changed in Configure Pro, with no reload; 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.
- Rebuilt on the Crestron Home SDK V2 and the CPLLC 5.0 shared libraries, replacing the Timer for Crestron Home OS3.
- New installer options Tile Clickable (on to start: a touch on the tile starts and stops the timer; off: a touch opens the page) and Only Display Tile (off to start: on, the tile has no page). Upgrading from an earlier 5.00 build asks for one Reconfigure, which shows them at these settings.
- Default Timer in Seconds now takes 1 to 86,400 seconds (24 hours), the same range as the (Re)Start sequence; OS3 stopped at 65,535.
- With Automatically Restart, Expired is raised before (Re)Started; OS3 raised them the other way round.
- The time left on the tile counts from the clock, so it stays accurate on a busy processor.
- On the page, Stop and Cancel are greyed out while the timer is waiting.
- The standard Extension Enable and Extension Disable actions and events take the place of OS3’s Enable and Disable, and the Enable and Disable buttons are gone from the page. Disabling ends a running timer.
- The Obtain License Key link opens the Timer’s own page on CPLLC.net (OS3 opened the Logic And page).
- Its own license key, or a CPLLC site license key, licenses the extension by itself, so the CPLLC License Manager is no longer required; it is still the convenient place to enter a site license key once for every CPLLC driver.

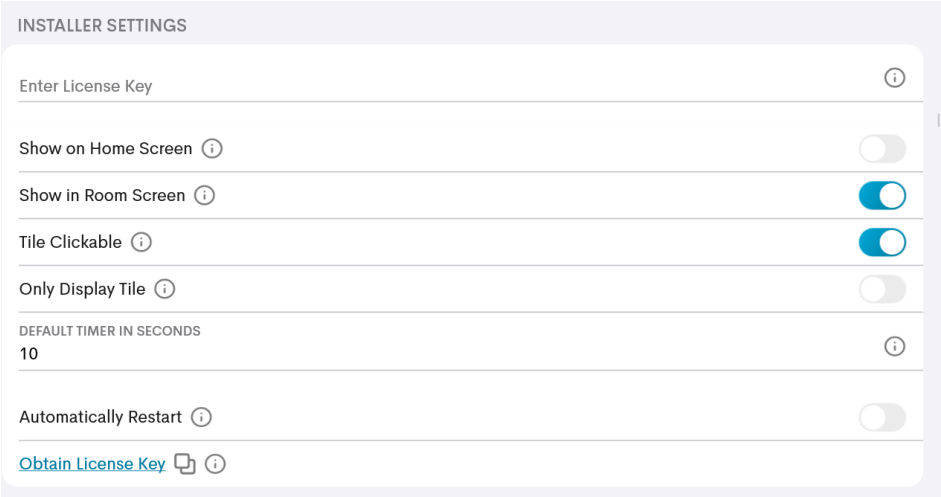
Installing

Version 5.00 replaces the Timer for Crestron Home OS3, which was built on Crestron's original extension SDK: its options, actions and events don't carry over. Add the new version and move the sequences to its events: (Re)Started, Stopped, Cancelled and Expired keep their names; OS3's Enabled and Disabled become Extension Enabled and Extension Disabled.

Add it from Drivers › Date-Time › Control Programming LLC › Timer and enter its license key (or leave it blank on a site with a CPLLC site license). Set Default Timer in Seconds, then add sequences to its events under its name in Customize Actions & Events.

Installer Options

Option	Description
Obtain License Key	Opens the Timer's page on CPLLC.net, where license keys and site licenses can be purchased.
Enter License Key	The Timer license key. Leave blank when the site has a CPLLC Toolkit or site license.
Show on Home Screen	Shows the tile on the Home screen (default off). A tile on the Home screen opens the page; a touch doesn't start or stop the timer there.
Show in Room Screen	Shows the tile in its room (default on).
Tile Clickable	A touch on the tile starts the timer from Default Timer in Seconds, or stops it while it runs (default on). Unchecked, a touch opens the page instead.
Only Display Tile	Shows the tile alone, with no page: Start, Stop and Cancel are then reached only through the tile and sequences (default off). Used only with Tile Clickable checked.
Default Timer in Seconds	The seconds Start and a touch on the tile count down from, 1 to 86,400 (default 10).
Automatically Restart	Starts the timer over each time it expires (default off).

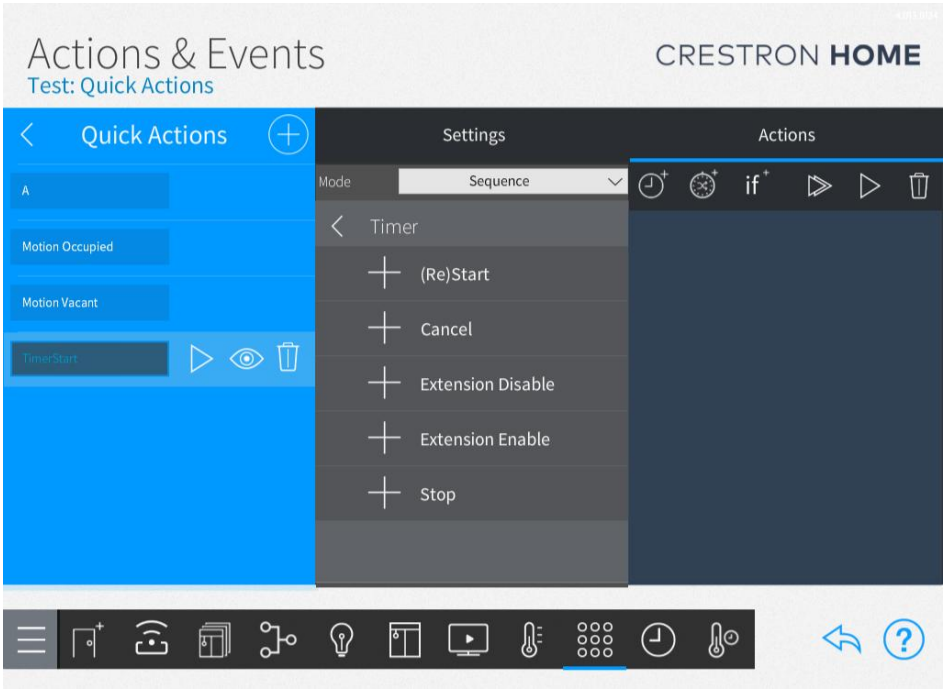


The Timer's installer options

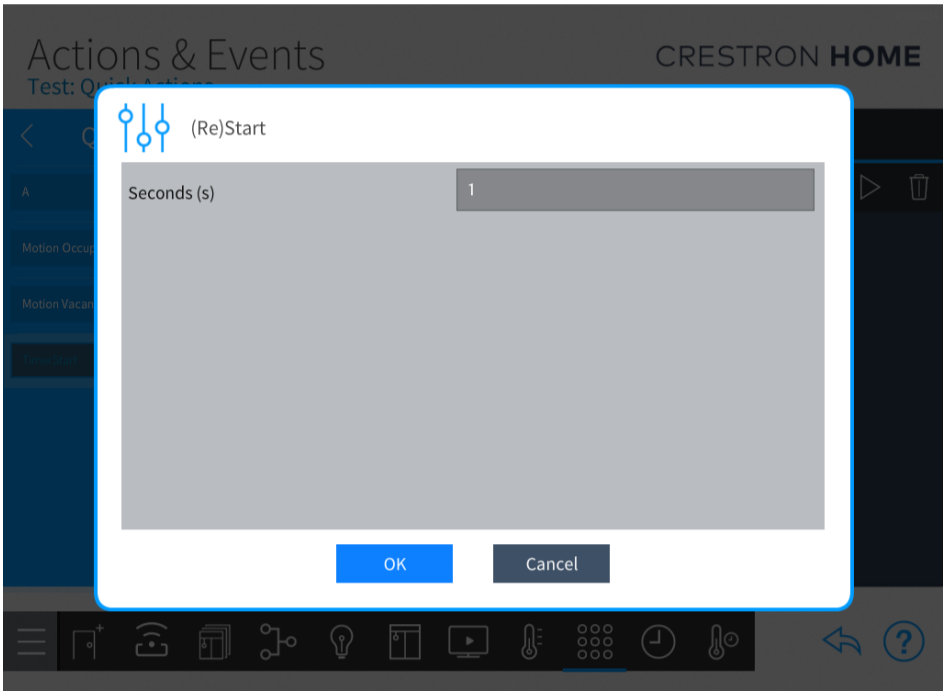
Sequences

The Timer adds these actions to Crestron Home sequences.

Action	Description
(Re)Start	Starts the countdown from the Seconds it names, 1 to 86,400; while it runs, starts it over.
Stop	Ends the countdown, as Stop on the page does.
Cancel	Ends the countdown, as Cancel on the page does.
Extension Enable / Extension Disable	Enables or disables the tile. Disabling ends a running timer with no event; a disabled tile shows Disabled, has no page, and ignores a touch and the other actions.



The Timer's actions, in a quick action's Sequence

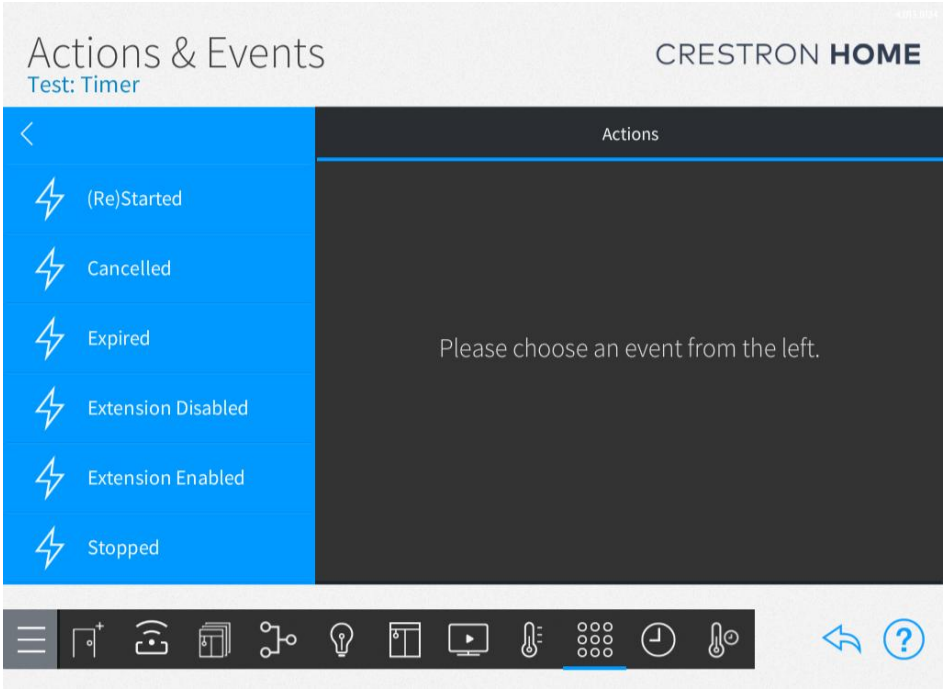


(Re)Start asks for its Seconds when it is added

The Timer reports these events, under its name in Customize Actions & Events.

Event	Description
(Re)Started	The countdown started or started over, by Start, a touch on the tile, (Re)Start or Automatically Restart.
Stopped	Stop was pressed or run.

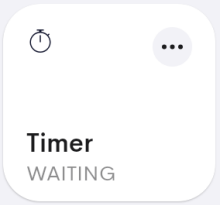
Event	Description
Cancelled	Cancel was pressed or run.
Expired	The countdown reached zero.
Extension Enabled / Extension Disabled	The tile was enabled or disabled.



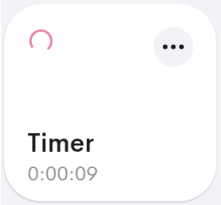
The Timer's events in Customize Actions & Events

End-User Experience

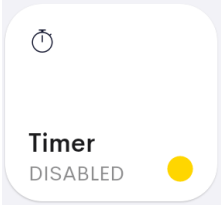
The tile shows a timer and Waiting, or a spinner and the time left while it runs (0:00:09). A touch on the tile in its room starts the timer from Default Timer in Seconds, or stops it while it runs; the button beside it opens the page, with Start, Stop and Cancel (Stop and Cancel are greyed out while it waits). With Tile Clickable unchecked a touch opens the page instead, and with Only Display Tile checked the tile has no page. Disabled, the tile keeps its timer icon with a yellow dot and Disabled; it has no page and ignores a touch.



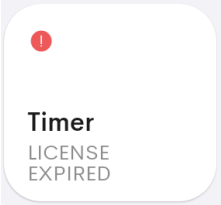
Waiting



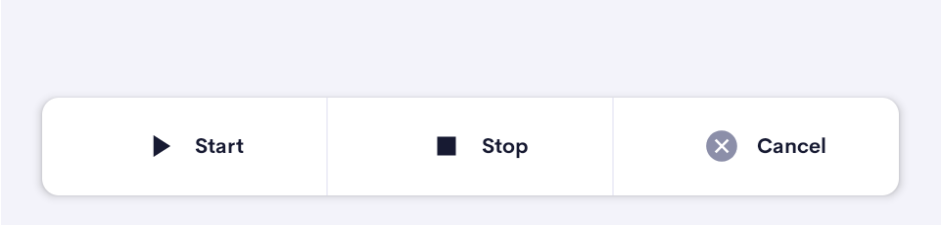
Running



Disabled



License Expired



The page while the timer runs

Without a valid license key or a CPLLC site license, the tile runs for a two-hour grace period after it starts; then it shows License Expired with an alert icon, and the timer doesn't run. Entering a valid key, or adding a site license, clears it without a restart.

Known Limitations

- A running countdown doesn't survive a processor restart or an extension reload: it comes back Waiting, with no Expired. Whether it is enabled is kept.
- A sequence's (Re)Start always names its seconds; Default Timer in Seconds is only for Start on the page and the tile.

Test Environment

Crestron Home 4.013.0134 on a DIN-AP4-R.

Version History

Date	Version	Changes
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
2026-11-08	5.00	On the latest CPLLC shared libraries; no change to the Timer
2026-11-08	5.00	Tile Clickable and Only Display Tile installer options
2026-11-08	5.00	Initial release for Crestron Home OS4
2023-04-04	2.00.006	Timer for Crestron Home OS3: added the required driver JSON fields

Date	Version	Changes
2022-07-26	2.00.001	Timer for Crestron Home OS3: 2.0 licensing; Automatically Restart added to the installer options
2021-04-05	1.01.002	Timer for Crestron Home OS3: the enabled or disabled state kept across a restart
2021-04-03	1.01.001	Timer for Crestron Home OS3: added the Expired event
2021-02-27	1.00.000	Timer for Crestron Home OS3: initial release

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/timer/

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