Control Programming LLC

Release Notes

CPLLC Wildcard UDP Listener

Version 5.00 · November 17, 2026

Product	CPLLC Wildcard UDP Listener (Crestron Home extension)
Version	5.00
Release date	November 17, 2026
Where to find it	Add Device › Drivers › Custom Device › Control Programming LLC › Wildcard - UDP Listener (listed as TCP Client), or search for “Wildcard - UDP”
Requires	Crestron Home OS 4.12 or later, and a network route from the sender to the processor
Licensing	A Wildcard UDP Listener license key (cpllc.net/product/wildcard-udp-listener), 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 Wildcard UDP Listener lets another system start Crestron Home sequences. It listens on a UDP port of the processor; a datagram sent to that port, such as 1,3 from a device, a script, another controller or a CPLLC Wildcard UDP Send, names events by number, and each one the installer has described is raised as a sequence event, “NN <description>”. Up to 20 events can be named. The tile shows the last event raised; it has no control page.

Capabilities

Capability	What it does
Up to 20 installer-named events	Event 01 – 20 Description name the events; an event left blank is not created and is ignored when a datagram names it. In sequences each event is “NN <description>”, for example “01 Doorbell”.

Capability	What it does
Event numbers	A datagram names one event or several: 1, 1,3 or 5-8 (a range), in any mix. A datagram may hold several lines (ended by a carriage return or line feed); each is read on its own. Datagrams are taken from any address, broadcasts included.
Listening port	The Port on the first installer page (default 9984); the IP Address / Hostname on that page is not used.
Tile shows the last event	The tile's icon is the installer's Tile Icon; its status is the last event raised, kept across a reboot (but not raised again).
Sequence actions	Enable or disable the tile. A disabled tile raises nothing.
Events	One "NN <description>" event per event named; enabled or disabled.
Home and room screens	The tile can be shown in its room, on the Home screen, or both.
Live changes	Installer options take effect as soon as they are changed in Configure Pro, with no reload; a new port is listened on at once. 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.
- Events are now raised whether or not debug output is on. In earlier builds a message that arrived while debugging was off was received but raised no event.
- 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. The UDP companion of the CPLLC Wildcard TCP Listener: the same tile, event numbers and installer-named events, raised by UDP datagrams.

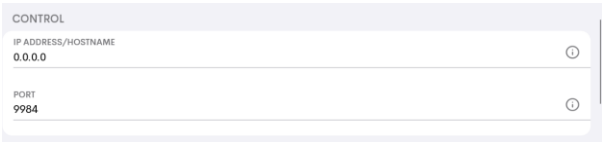
Installing

In Configure Pro, choose Devices › Add Device › Drivers, pick the room, and add Wildcard - UDP Listener from Custom Device › Control Programming LLC (its entry reads TCP Client), or search for "Wildcard - UDP". Name the device, then enter the port to listen on on the first page (the IP address there is not used) and the options below on the second; enter the license key, or leave it blank on a site with a CPLLC site license, and describe the events. In Configure Pro the driver is under Add Device › Drivers › Custom Device › Control Programming LLC.

Installer Options

The first page asks for the connection:

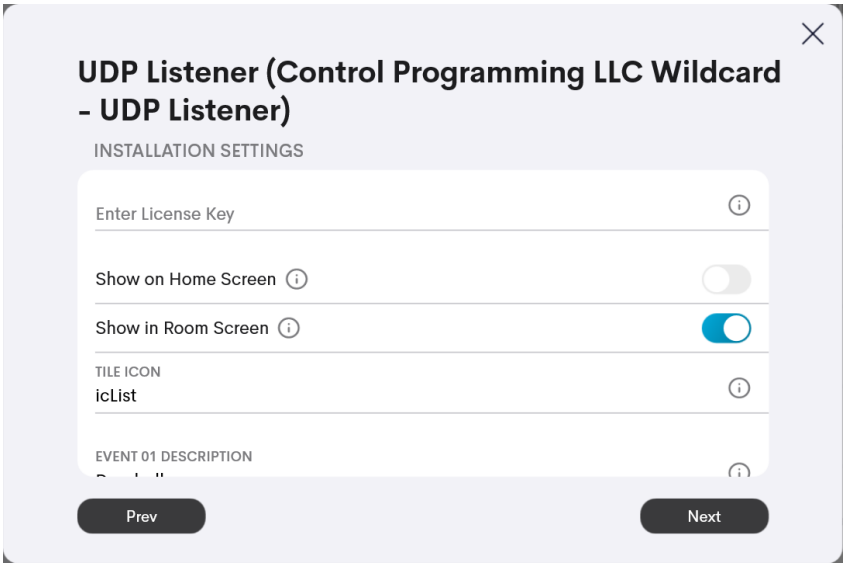
Option	Description
IP Address/Hostname	Not used: the listener takes datagrams from any address (default 0.0.0.0).
Port	The UDP port the processor listens on, 1 – 65535 (default 9984).



The first page: the UDP port to listen on

The second page holds the tile and the events:

Option	Description
Obtain License Key	Opens CPLLC.net, where license keys and site licenses can be purchased.
Enter License Key	The Wildcard UDP Listener 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).
Show in Room Screen	Shows the tile in its room (default on).
Tile Icon	The tile's icon, by its name in the Crestron Home icon library (default icList).
Event 01 – 20 Description	The name of each event, as sequences show it after its number. Leave blank for an event not used.



Installer settings in Configure Pro: the license key, screens and Tile Icon, with the events below

Option	Example value	Sequence event
Event 01 Description	Doorbell	01 Doorbell
Event 02 Description	Motion	02 Motion
Event 03 Description	Garage Open	03 Garage Open
Event 04 – 20	blank (no event)	

With those, a datagram sent to the processor's port raises:

Datagram sent	Events raised
1	01 Doorbell
1,3	01 Doorbell and 03 Garage Open
1-3	01, 02 and 03
5	nothing (no description)

Sequences

The Wildcard UDP Listener adds these actions to Crestron Home sequences.

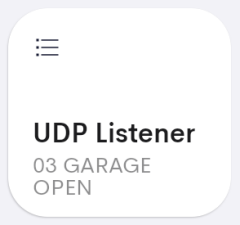
Action	Description
Extension Enable / Extension Disable	Enables or disables the tile. A disabled tile shows Disabled and raises no events.

The Wildcard UDP Listener reports these events, under its name in Actions.

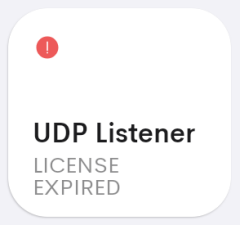
Event	Description
NN <description>	A datagram named event NN (01 – 20) and it has a description.
Extension Enabled / Extension Disabled	The tile was enabled or disabled.

End-User Experience

The tile shows the Tile Icon and the last event raised. Touching it does nothing: it has no control page.



03 Garage Open raised



License Expired

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 no events are raised. Entering a valid key, or adding a site license, clears it without a restart.

Known Limitations

- Only event numbers are understood; anything else in a datagram is ignored. Nothing is sent back.
- Events 1 – 20 only.
- UDP is not acknowledged: a datagram lost on the way raises nothing, and the sender is not told.
- Any device on the network can send to the port; there is no password.
- The last event is shown again after a reboot, but its sequence does not run again.
- IPv4 only. The sender must be able to reach the processor’s port; a firewall between them must allow it, and a broadcast is received only from the processor’s own networks.
- Crestron Home lists the driver’s connection as TCP Client; it listens for UDP.

Test Environment

Crestron Home 4.013.0134 on a DIN-AP4-R, set up with Configure Pro 4.12 and used from the Crestron Home app 4.13.0 on Android. The extension was added listening on port 9984 with the three example events, and a CPLLC Wildcard UDP Send on the same processor sent it 1, then 1-3, then 2: 01 Doorbell, then 01 to 03, then 02 Motion were raised and shown on the tile. A broadcast to 255.255.255.255 was received the same way. License Expired was checked on the processor. A datagram from another device on the network was not tried.

Version History

Date	Version	Changes
2026-11-17	5.00	Licensed by a CPLLC Toolkit license key too

Date	Version	Changes
2026-11-12	5.00	• Events are raised with debug output off • Installing no longer shows the closing CPLLC License Manager page • 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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Product page	https://cpllc.net/product/wildcard-udp-listener/

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