# Control Programming LLC

Release Notes

# CPLLC Big Ass Fans Platform

Version 5.00 · November 3, 2026

| | |
|---|---|
| **Product** | CPLLC Big Ass Fans Platform (Crestron Home platform) |
| **Version** | 5.00 |
| **Release date** | November 3, 2026 |
| **Where to find it** | Drivers › Platform › Big Ass Fans › Haiku |
| **Requires** | Crestron Home OS 4.12 or later, and Big Ass Fans fans (Haiku, i6 or es6) on firmware 3.0 or later, on the processor's network |
| **Licensing** | A Big Ass Fans Platform license key (cpllc.net/product/big-ass-fans-platform) or a CPLLC site license key (cpllc.net/product/site-license), entered in the platform's Enter License Key, or a site license key once in the CPLLC License Manager |

## Overview

The CPLLC Big Ass Fans Platform brings Big Ass Fans ceiling fans into Crestron Home, each fan and its light as separate devices with their own controls, so the light can be part of Crestron Home lighting scenes. It works with the Haiku, i6 and es6 fans that run firmware 3.0 or later. The platform finds every fan on the processor's network by itself and adds each one to Crestron Home as a fan, and its light, when it has one, as a light of its own. Each fan keeps a connection to the platform open and reports every change, so Crestron Home follows the fans even when they are run from the Big Ass Fans app, a remote or a wall control.

## Capabilities

| Capability | What it does |
|---|---|
| **Automatic fan discovery** | Every fan on the processor's network is found and added to Crestron Home under the name it has in the Big Ass Fans app, ready to be placed in a room. Nothing has to be entered per fan. A fan on another subnet, which the search can't reach, is added by its IP address. |

| Capability | What it does |
|---|---|
| **Ceiling fans** | Power, speed 1 to 7, direction and Whoosh, as a Crestron Home fan, with the fan's Auto and Eco modes as presets (None, Auto or Eco, one at a time; Eco runs the fan in Auto with its Eco setting). |
| **Fan lights** | A fan's downlight, or its uplight on a fan that has only an uplight, is added as a Crestron Home light of its own, named after the fan ("Living Room Fan Light"), with on, off, brightness and color temperature. It joins the room's Lights tile and can be in lighting scenes. |
| **Live feedback** | Each fan pushes every state change to the platform, so each tile follows the fan at once, whether it was run from Crestron Home, the Big Ass Fans app or a remote. Nothing is polled. |
| **Fans that come later** | A fan that was off when the platform started is added as soon as it answers, and one whose IP address changes is followed to its new address with its devices kept. |
| **Per-device options** | Each fan and light has its own installer options: PIN code, Home and Room screen, and whether touching the tile toggles it. |
| **Live changes** | Debug output turns on and off while the processor runs. |

## What's New in 5.00

- First release, built on the CPLLC 5.0 shared libraries and a new Big Ass Fans library for the fans' local protocol.
- Every fan on the network is found by itself; fans on other subnets are added by address.
- Each fan's light is a Crestron Home light of its own, so it can be in lighting scenes.
- Live feedback from every fan.
- Its own license key or a CPLLC site license key is entered in the platform itself; the License Manager is not required, but is the convenient place for a site license key.

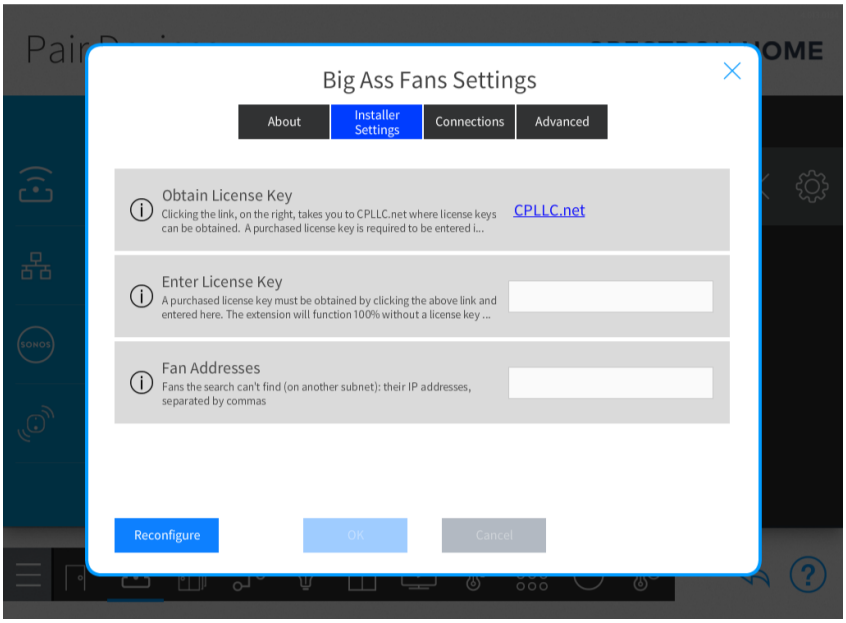
## Installing

Before installing, set each fan up in the Big Ass Fans app, on the same network as the processor, and update its firmware: fans on firmware older than 3.0 use an earlier protocol and are not found. Give each fan a fixed address in the router, so it keeps it.

Add the platform from Drivers › Platform › Big Ass Fans. Enter its license key, or a CPLLC site license key, and save the options; the platform then searches the network, and each fan and its light appear in Crestron Home, ready to be placed in rooms.

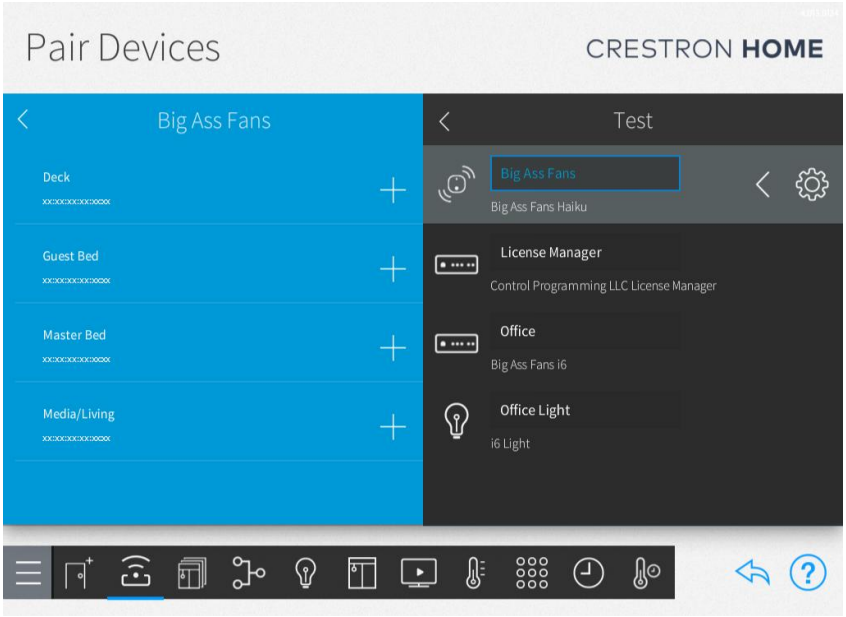
## Installer Options

| Option | Description |
|---|---|
| **Obtain License Key** | Opens the Big Ass Fans Platform page on CPLLC.net (cpllc.net/product/big-ass-fans-platform), where its license key, or a CPLLC site license key, can be purchased. |
| **Enter License Key** | The Big Ass Fans Platform license key, or a CPLLC site license key. Either one licenses the platform by itself. The License Manager is not required, but it is the convenient place to enter a site license key once for every CPLLC driver. |
| **Fan Addresses** | Only for fans the search can't find, such as fans on another subnet: their IP addresses, separated by commas. Blank by default. |



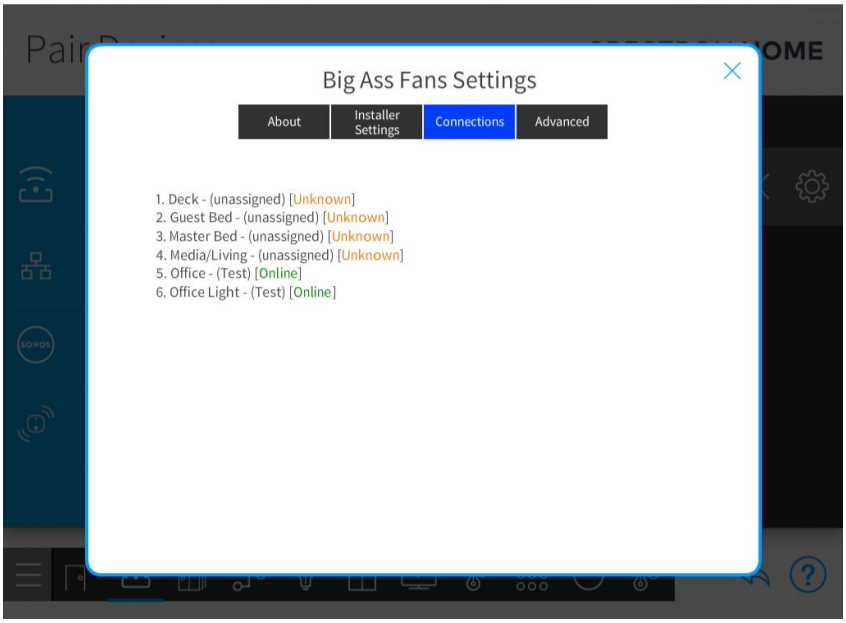

*The platform's Installer Settings*

Once the options are saved, each fan and light the platform found is listed under Managed Platforms › the platform's name in Pair Devices, ready to be added to a room with its +.




*The fans the platform found, ready to be added to a room (MAC addresses masked)*

The platform's Connections tab shows each device it added, the room it is in, and whether it is online.



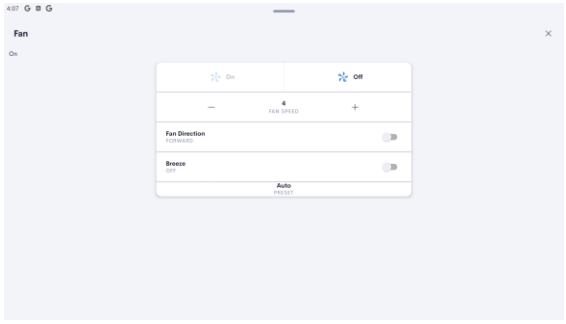

*The platform's Connections tab: five fans and the Office fan's light*

Each device the platform adds has its own options, under that device in Setup; those of each kind of device are in its own section below.

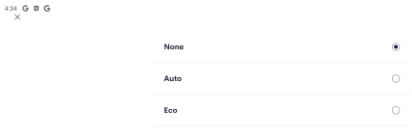
## Ceiling Fans

A Big Ass Fans fan is added as a Crestron Home fan, its tile showing whether it is on. Touching the tile turns it on or off; its … button opens its page, with + and − for the speed (1 to 7), its direction, Whoosh, and the Preset list.

Preset shows the fan's mode, None, Auto or Eco; touching it lists them, and None takes the fan out of Auto at its last speed.




*A fan's page, in Auto*




*The Preset list*

A fan has these options:

| Option | Description |
|---|---|
| **Show on Home Screen** | Shows the fan's tile on the Home screen (default off). |
| **Show in Room Screen** | Shows the fan's tile in its room (default on). |
| **Starting Pin Code** | A numeric PIN that must be entered before the fan's controls are shown. Blank means no PIN (the default). |
| **Seconds Pin Active** | How long the controls stay unlocked after the last touch (default 10 seconds). |
| **Tile Clickable** | Touching the tile turns the fan on or off (default on). |
| **Only Display Tile** | Shows the tile alone, with no page of controls (default off). |
| **Auto Enabled** | Offers a timer on the fan's page that turns the fan off again (default off). |
| **Maximum Auto Time** | The longest time, in minutes, that timer can be set to. |

A fan's light is a light of its own: see Fan Lights below.

A fan brings these actions to Crestron Home sequences, under its name in Customize Actions & Events:

| Action | Description |
|---|---|
| **Fan On / Fan Off** | Turns the fan on or off, as its tile and its page do. |
| **Fan Toggle** | Turns the fan on if it is off, and off if it is on. |
| **Fan On w/Auto Off** | Turns the fan on, then off again after the number of minutes given (up to Maximum Auto Time). |
| **Fan On w/Auto Off (Seconds)** | The same, with the time in seconds. |
| **Fan Speed** | Sets the fan's speed, 1 to 7. |
| **Fan Direction Forward / Fan Direction Reverse** | Sets the direction the fan turns. |

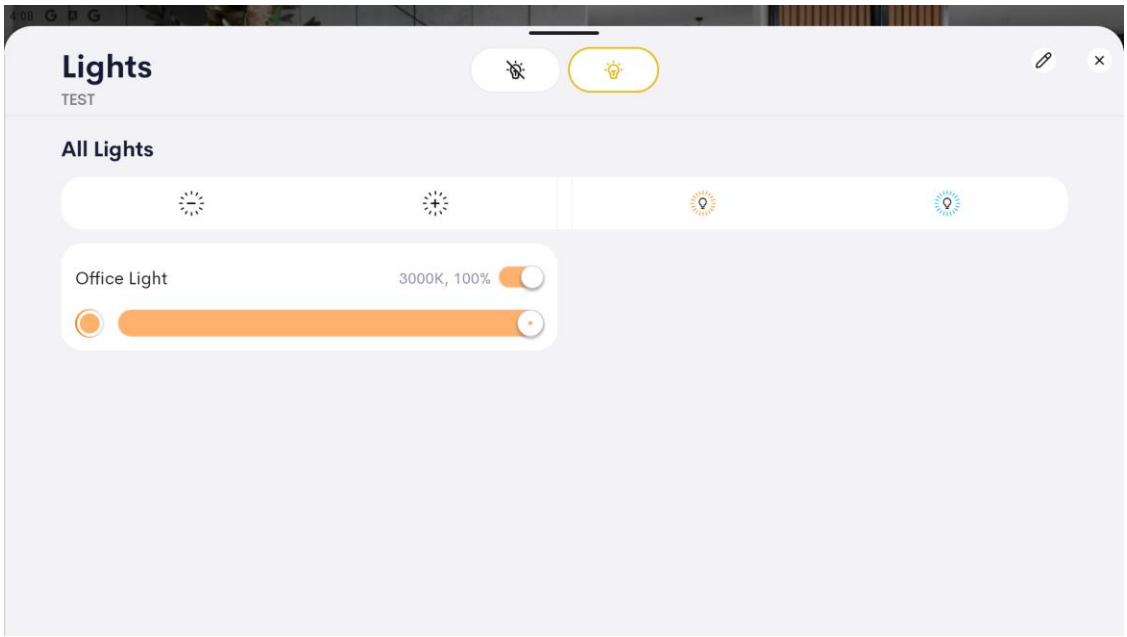
| Action | Description |
|---|---|
| **Set Preset** | Sets the fan's preset: None, Auto or Eco. None takes the fan out of Auto at its last speed. |
| **Fan Feedback On / Fan Feedback Off** | Sets the state Crestron Home shows for the fan, without sending a command to it. |
| **Extension Enable / Extension Disable** | Enables or disables the fan. A disabled fan shows Disabled and ignores its tile and page. |

A fan reports these events:

| Event | Description |
|---|---|
| **Fan is On / Fan is Off** | The fan turned on or off, from Crestron Home, the Big Ass Fans app, a remote or a wall control. |
| **Extension Enabled / Extension Disabled** | The fan was enabled or disabled. |
| **Pin Locked / Pin UnLocked** | The PIN keypad locked again, or the right PIN was entered. |

## Fan Lights

A fan's downlight, or its uplight on a fan that has only an uplight, is added as a Crestron Home light named after the fan ("Office Fan Light"). It joins the room's Lights tile with its switch, brightness slider and color temperature, and can be in the room's lighting scenes. A light has no installer options of its own and no page; Crestron Home draws its controls.




*The Office fan's light on the room's Lights page*

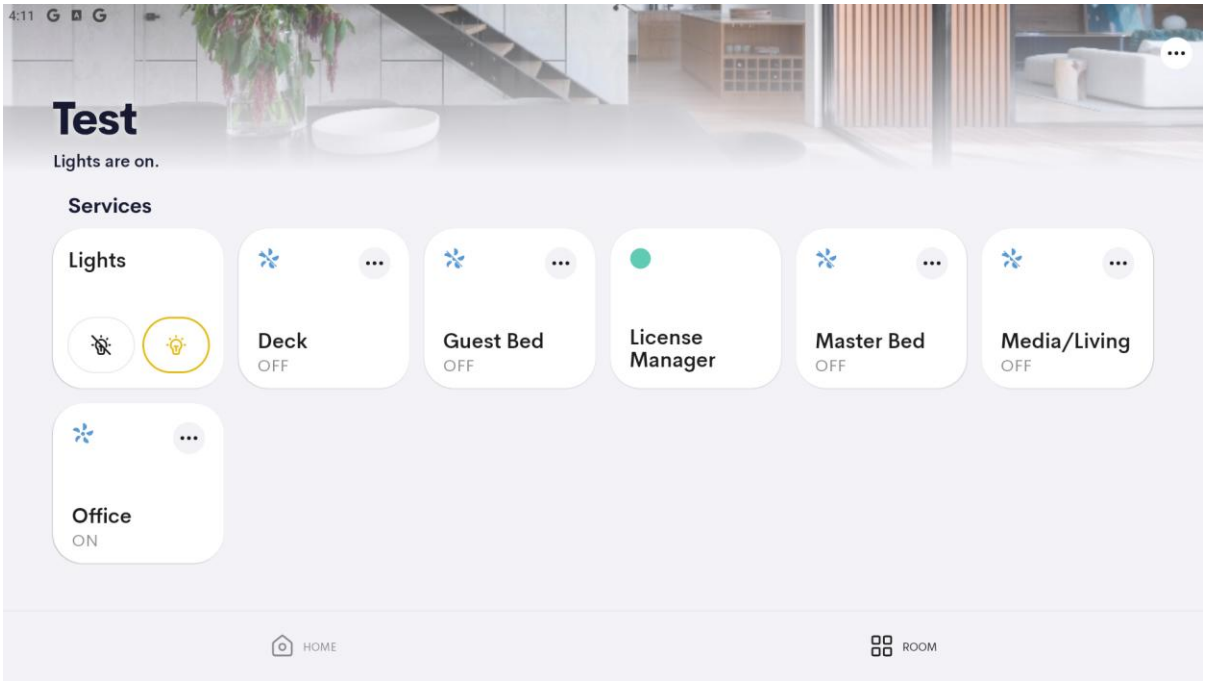
A fan light is controlled by Crestron Home's own lighting: its actions in sequences, its scenes and its controls are Crestron Home's, not the platform's, and the platform adds no actions or events to it.

## Sequences

Each fan brings its actions and events to Crestron Home sequences, under its name in Customize Actions & Events: see Ceiling Fans above. A fan light has Crestron Home's own light actions. A sequence on a fan's events follows the fan even when it is run from the Big Ass Fans app, a remote or a wall control.

## End-User Experience

The platform has no tile of its own. Each fan appears in its room as a Crestron Home fan, with the page described under Ceiling Fans, and each fan's light in the room's Lights tile. Each tile shows the fan's state as the fan reports it.




*Five Big Ass Fans fans in a room, with the Office fan's light in the Lights tile*

Without a valid Big Ass Fans Platform or CPLLC site license key, the devices run for a two-hour grace period after the platform starts; then they show License Expired and ignore their controls. Entering a valid key clears it without a restart.

## Known Limitations

- Fans on firmware older than 3.0 (the SenseME protocol) are not supported; update them in the Big Ass Fans app.
- The search finds fans on the processor's own subnet only; enter fans on other subnets under Fan Addresses.
- A fan that has both a downlight and an uplight is added with one light, which drives the downlight.
- The fans' temperature, humidity and occupancy sensors, auto comfort and motion sense are read but not shown in Crestron Home yet.
- Big Ass Fans schedules, sleep mode and the fans' own rooms are not used.

- Big Ass Fans light-only fixtures are not added.
- Right after the platform is upgraded with Check for Driver Update, a fan can show Offline (Driver Not Loaded in Setup). Reloading the platform (Check for Driver Update / Disable › Options › Reload) brings it back.

## Test Environment

Crestron Home 4.013.0134 on a DIN-AP4-R, set up with Crestron Home Setup and used from the Crestron Home app on Android, with five Big Ass Fans i6 fans (firmware 3.3.8) on the processor's network, one of them with a light. The platform was added with no addresses entered; once reloaded with the fans powered on, it found all five by itself and listed each one, and the fan with a light also as a light of its own, and all six were added to a room. A fan was put into Auto from its Preset list and its light turned on from the room's Lights page, the fan reporting each change back; another was set to Eco and back to None, and after the platform was reloaded every fan and light came back online.

## Version History

| Date | Version | Changes |
|---|---|---|
| 2026-11-03 | 5.00 | 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.

| | |
|---|---|
| **Company** | Control Programming LLC |
| **Contact** | Randy Johnson |
| **Email** | randy@cpllc.net |
| **Website** | https://cpllc.net |
| **Product page** | https://cpllc.net/product/big-ass-fans-platform/ |

© 2026 to the present, Control Programming LLC. All Rights Reserved.