

Big Ass Fans (V2) Installation and Usage Guide



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chowmainsoft

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Overview

The Chowmain Big Ass Fans Driver for Control4 allows integration of the IP controllable Big Ass Fans and Big Ass Lights into Control4 allowing full 2 way multispeed fan and multi level lighting control over your home.

Integration into Control4 allows control from a single point using Control4's touchscreens, mobile applications, keypads, handheld remote controls and cloud based 4sight remote monitoring and control service. On top of that it exposes control over the Haiku products in the Control4 ecosystem to provide interaction from other devices in the home.

From turning off your fans and lights when you arm your security system to automatically turning them on when it detects you are at home and if the temperature is at an uncomfortable level integration provides you with so many different solutions to make your lifestyle that much easier.

The Big Ass Fans V2 Driver requires Control4 OS 3.3.0 and above.

Features

- Automatically Discover and Manage Big Ass Fan Devices on your network using our new Big Ass Fans V2 Agent
- One Touch Installation and Setup of devices
- Instantaneous Feedback
- Wide variety of read/write variables for feedback and advanced programming

Light Features

- Automatic Naming of Lights
- Auto mapped light levels (Control4 has 0-100 where Haiku has 0-16)
- Support for Advanced Lighting Scenes
- Two way feedback – Level, Device Name, Device MAC Address, Device IP Address
- Programming Commands
- OS 3.3.0 CCT / White Temperature Light Color Wheel Support
- BUTTON_LINK support for brightness and CCT control by 3rd party devices
- Support for changing Multiple Light Mode between Uplight, Downlight and Both

Fan Features

- Automatic naming of Fans
- Assign Preset Speed (On speed when toggled)
- 7 Speed Control
- Two way feedback – Speed, Device Name, Device MAC Address, Device IP Address
- Programming Commands - Whoosh Mode, Fan Auto, Fan Direction
- BUTTON_LINK support for Toggle and cycle up/down support by 3rd party devices

Sensors

- Occupancy/Motion Sensor Support and bindings to detect if a room is occupied or not for Fan / Light
- Temperature and Humidity Sensor Support

Setup (V2)

Please note, Control4 OS 3.3.0 or later, and the latest Big Ass Fans firmware is required for BAF V2 driver.

Quick Start

1. Ensure Controller is running OS 3.3.0 or later. Lighting will not operate correctly in OS 3.2 or earlier
2. Upgrade Fans to latest firmware (V3.0 or later). The Legacy SenseMe firmware is no longer supported
3. It is strongly recommended to remove all V1 devices from the project before installing the V2 drivers.
Once the firmware upgrade has been performed, the original V1 drivers will cease to operate.
4. Use Add Or Update Driver or Agent to upload drivers to Controller. Do not simply copy the c4z files to your Control4 Drivers directory or Auto-Setup will not operate correctly
5. Using the Big Ass Fans Mobile App, configure and setup all devices. Test devices for correct operation. It is recommended to set static IP's of devices or allocate static IP's using DHCP. Ensure the latest firmware has been installed
6. (Optional) In Agents, add the Big Ass Fans V2 Agent. As devices are discovered, the device and driver properties will update.
 1. Set the Default AutoSetup Room where devices should be added.
 2. Select the Auto Setup action to automatically add and setup devices.
7. Alternatively, add the fan/light driver for each enter BAF device and enter the port and IP Address manually.

In the event of issues, use Display Diagnostics to assist with identifying problems.

Uplight / Downlight Support

- To Toggle between Uplight / Downlight Modes, use the Set Multiple Light Mode Command. For feedback, use the multipleLightMode Variable. 0 means both lights, 1 means downlight only, 2 means Uplight only
- Alternatively, use the Multiple Light Mode Button Link

Settings - Agent

Properties

- Enable Auto-Discovery: Enables or Disables Auto-Detection of devices automatically.
- Default AutoSetup Room: Default Room for Devices to be added into during Auto-Setup
- Auto-Detection Poll Rate (Seconds): Detection Rate of new devices and self-healing if Enable Auto-Discovery is enabled.
- Total Devices: Total auto-discovered devices
- Provisioned Devices: Total devices which have at least 1 configured driver in Control4
- Unprovisioned Devices: Total devices which do not have a configured driver in Control4
- Total Drivers: All Light / Fan Drivers (excluding Agent) added to the Control4 project

- Invalid Drivers: Drivers in Control4 which have an undiscovered/invalid UUID Address set in Properties.
- Provisioned Drivers: Drivers in Control4 which have a valid UUID Address
- Unprovisioned Drivers: Drivers in Control4 which haven't been setup yet

Actions

- Auto Setup: Automatically Adds drivers and configures all unprovisioned devices in the Control4 Project
- Display Diagnostics: Detects common issues and displays faults to LUA window
- Display Known Devices: Displays a directory of all known devices on the network, Drivers, their capabilities and provisioning states.
- Display Extended Diagnostics: Displays and Submits advanced diagnostics information
- Display Related Diagnostics: Runs and Displays Basic Troubleshooting for all installed BAF Drivers and Devices. Diagnostics assistance will be provided in the LUA Output window
- Get Latest Devices: Attempts Auto-Discovery of Devices on Network
- Submit Diagnostics: Submits diagnostics information to Chowmain and provides a ticket ID to the LUA window which can be provided to Chowmain staff when requesting support

Settings - Fan / Light Driver

Properties

- Select Device From List: Requires Agent to be installed and have auto-discover turned on. Automatically sets up driver using details discovered using Agent
- UUID: Used by TPLink Agent for Self-Healing of IP Addresses
- Auto-Rename: Auto-Renames the Drivers in the project
- Auto Hide Unsupported Devices: Auto Hides Light / Fan as required in proxy (please note, it will continue to be shown in composer)
- Connection Status: Connection status of the device
- IP Address: IP Address of the device
- Port: TCP Port of the device
- Device Name: Detected Name of the device
- Device MAC Address: Detected MAC Address of the device
- Firmware Version: Detected Firmware Version of the device

Capabilities Supported

- Supports Temperature Sensor
- Supports Humidity
- Supports Occupancy Sensor
- Supports Light
- Supports Light Sensor
- Supports CCT Light

- Supports Fan
- Supports Speaker
- Supports Piezo
- Supports LED Indicators
- Supports Uplight
- Supports UV-C Light
- Supports Standby LED
- Supports ECO Mode

Fan

- Default Fan Power State: Sets whether power on of fan should return to previous state, or preset state when turning on
- Cycle Fan Behavior: Changes the way cycling works
- Eco Mode: Display ECO Mode Status of Fan (if supported)
- Fan Speed: Display the speed of the fan
- Occupancy Sensor: Display whether occupancy sensor is enabled
- Whoosh: Displays Whoosh status of the fan

Occupancy

- Fan Occupied: Whether the Fan is currently Occupied
 - Fan Occupancy Enabled: Display whether Fan Occupancy Mode is enabled
 - Light Occupied: Whether the Light is currently Occupied
 - Light Occupancy Enabled: Display Whether Light Occupancy Mode is enabled
 - Motion Detected: Display whether motion has currently been detected
- ### Light
- Default Light Power State: Sets whether power on of light should return to previous state, or 100% when turning on
 - Light Capabilities: Adjusts the supported capabilities of the light
 - Light Level: Current Light Level of the light
 - Light Temp (Kelvin): If supported by light, current CCT/white temperature of the light in Kelvin
 - Multiple Light Mode: Identify if the light is Set to uplight, downlight or both

Actions

- Display Diagnostics: Detects common issues and displays faults to lua window
- Hide Fan In All Rooms: Automatically hides the Fan in all rooms in navigator
- Hide Light In All Rooms: Automatically hides the Light in all rooms in navigator
- Submit Diagnostics: Submits diagnostics information to Chowmain and provides a ticket ID to the LUA window which can be provided to Chowmain staff when requesting support

FAQ

Which Big Ass Fan Products are supported by this driver?

At this time, the following products are supported:

- Haiku (H and I Series)
- Haiku L
- Haiku Light
- i6
- es6

If its supported by the Big Ass Fans mobile app, it's probably supported by our driver.

Where is the Fan in Control4's interface?

Fan control is available from Control4's lighting page

How come the dimmer level changes slightly when i set a level?

Many light only have dim levels of 0-16, which may cause the level changes to vary

I notice that the driver automatically renames. What if i want to name it myself?

Adjust the Auto Rename Property on the fan.

How do i use whoosh, fan direction or the automatic settings?

These functions are programmed as one-way commands in the fan / light driver's programming commands. You should tie these into experience buttons, schedules or other event based programming.

Setting the fan to 100% using Alexa sets the fan to Level 4, instead of 7

As of 2023/03/30, this is a known limitation of the Voice Control driver. Control4 is currently working on a resolution. Until the feature enhancement becomes available, it is recommended to use Custom voice scenes to set the levels instead.

What Control4 OS is required for this driver?

OS 3.3.0 or above is required for our Big Ass Fans V2 driver. For Legacy systems, V1 may still be used, but requires older firmware and supports limited hardware

My Fans were working correctly in V1, however, the fans do not operate in V2

You must upgrade your mobile app from the original Haiku App to the new Big Ass fans app and update the firmware. V2 requires updated firmware for operation. V1 does not require updated firmware, but it does not support all of the features or hardware of V2.

I have functionality I want to use which isn't available as a command or binding

We expose lots of functionality as variables which you can modify. If there are variables which you can't write to, or if you want functionality which is better handled in another way, let us know.

Do you offer any other cool drivers?

Control4 is a major part of our business. We develop new drivers all the time. You can see all of our drivers on our website (<http://www.chowmainsoft.com>). Sign up to our newsletter to get notified when new drivers out.

Motion Sensor / Occupancy is not working

- Some combinations of Fan hardware / firmware does not support the generic motionDetected command. Use the Fan/Light Occupancy bindings and events instead of the generic "Occupancy Sensor" bindings and events

I want to try this driver out before buying it?

All Chowmain drivers for Control4 come with a 90 day trial.

Troubleshooting

For all general troubleshooting, we recommend trying Display Diagnostics first.

The auto discovery process isn't finding my devices, why?

The driver sends a UDP packet out to the subnet that the C4 controller is on, only when you press Auto Setup under the Actions tab.

Reasons for the driver not finding your devices are;

1. The devices are on a different subnet
2. There is a network device, like a wireless access point or switch that is dropping UDP packets.
 - In most cases, UDP packets received by an access point from the physical network are not passed on to the wireless network. This is to maintain wireless speeds. Most wireless APs provide an option to allow UDP packets through
 - Broadcast storm control is enabled and limiting discovery

Motion Sensor / Occupancy is not working

- Some combinations of Fan hardware / firmware do not support the generic motion sensor command. Use the Fan/Light Occupancy bindings and events instead of the generic "Occupancy Sensor" bindings and events

Licensing

Marketplace

To Purchase drivers

Chowmain Drivers are only available to authorized dealers. Integrators can sign up to a Chowmain account via the [Chowmain Website](#). Authorization of dealers can take up to 48 hours; however, you can trial the drivers without an account.

1. Navigate to the login page of Chowmain website: [Chowmain - Login](#)
2. Sign in using credentials provided after sign up request approval
3. Ensure you are logged into the website using website's header: registration and sign up buttons are replaced with cart icon and user icon



4. Navigate to the drivers page: [Chowmain - Drivers](#)
5. Alternatively, you can use the global search input in the header to find the driver



6. Search for and locate the driver you are interested. Click *Add To Cart*



7. Once you have added all drivers to your cart, navigate to the shopping cart: [Chowmain - Cart](#)
8. Click *Checkout & Pay*. Follow the directions



9. Purchase confirmation will be sent to your email, all orders can be viewed in the [Chowmain - Orders](#)
10. Once the payment is processed, the driver will be available in your account: [Chowmain - My Drivers](#)

Create Chowmain Project and obtain Project Code

Note:

- Showroom Projects contain all drivers of its Control System
- Paid licenses cannot be assigned to Showroom Projects
- Only 1 Project is required per home
- If the Project has already been created, do not create a second one
- If controller already has a Project code created by another installer, please contact the original installer for access. If the original installer is unavailable, contact [Chowmain - Support](#)

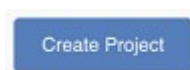
- If the controller has been replaced and the license needs to be transferred to a new controller you can do so yourself via the website

1. Ensure you are signed into the [Chowmain Website](#)

2. Navigate to [Dashboard => Projects](#)



3. Click *Create Project*:



4. Complete the details for the Project (*Project Name, Customer Name, Control System*)

5. Upon completion, take note of the **Project Code**. This is required to link the Control System to the newly created project

To Assign purchased drivers to Project

NOTE: Driver must already be purchased and a Project Code must be created as per above 'Create Chowmain Project and obtain Project Code' section

1. Navigate to [Chowmain Software - Projects](#). Click the *Project Name* you wish to assign the driver to

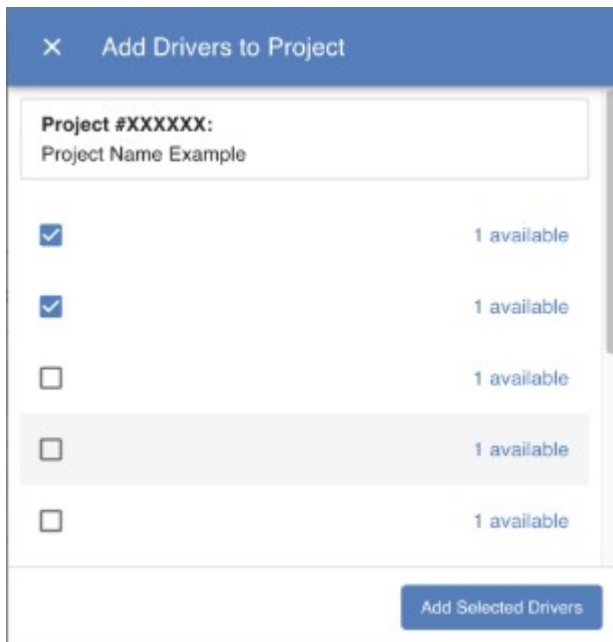
Project Name	Project Code	Licensed	Showroom	Platform
100	XXXXXX			
101	XXXXXX			

Rows per page: 15 1-2 of 2

2. Click the *Add License(s)*:



3. Select Drivers you wish to assign to the project, and click *Add Selected Drivers*:



4. Alternatively you can add in drivers via the [Chowmain - Drivers](#)

5. The driver will be added to the project with the license status *Licensed*

	Driver Name	Version	License	Health	Autoupdate	Logging Approved	Log Level
☐ ▾			licensed	-	false	-	-
☐ ▾			licensed	-	false	-	-

Control4

To Download and install Chowmain drivers:

NOTE: Licensed Chowmain drivers come with a complimentary 90-day trial period. To license the driver, installation of the Chowmain Project Agent is required. The Project Agent is also required for automatic driver updates. Throughout the 90-day trial period, Chowmain Drivers operate without any limitations. After this period, the driver will be disabled unless properly licensed.

All Chowmain Licensed drivers require a minimum of OS 3.1.3 to operate correctly unless specified.

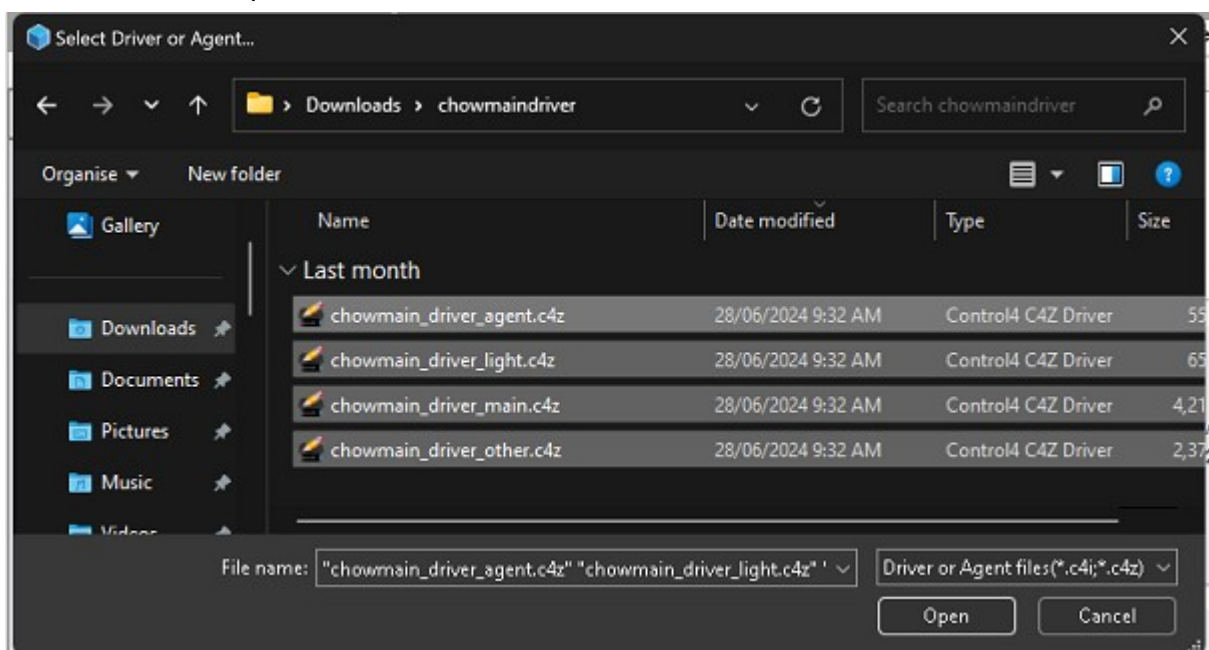
1. Visit: <https://chowmain.software>
2. Search and locate your driver, and click into the details by clicking the picture or heading.
3. Select Download. And extract the contents of the downloaded Zip file to a temporary directory



4. **Please note: For many drivers, it is no longer recommended to copy the contents of most modern drivers directly to your Control4/drivers directory.** The recommended method of updating drivers or installing drivers is in Composer Pro, navigate to the Driver=>Add Or Update Driver Or Agent menu item.



5. Locate the temporary directory containing your C4Z files. You can select and install/update all drivers simultaneously by selecting one and using Ctrl+A. Alternatively, click the top driver+shift+click the bottom. Click the open button. You will be alerted when drivers are installed



6. Install drivers as per normal. Please note, some drivers may be agents, and you must use the Agents tab in Control4 to install the driver. Composer Express does not support Agents, and Composer pro is recommended for all installers.

Install Chowmain Agent

Installation of the Chowmain Agent is required to licence drivers

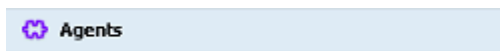
1. Download Chowmain Project Agent From the [Chowmain Project Agent Page](#)
2. Open Project In Composer Pro. Composer Express does not Support Agents and cannot be used
3. Navigate to the *Driver=>Add Or Update Driver Or Agent* menu item



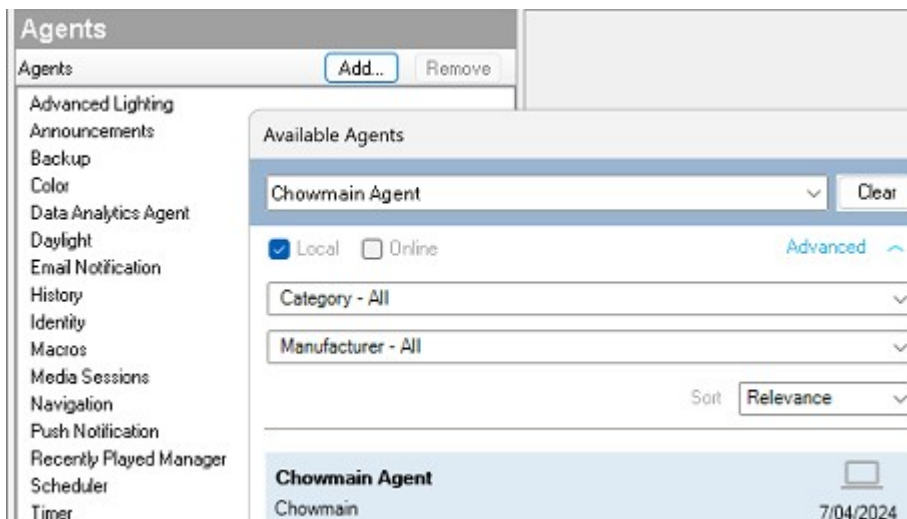
4. Add the *agent_chowmain.c4z* file



5. Navigate to the Agents View in Composer Pro



6. If *Chowmain Agent* is not already added to project, select the *Add* button in Agents and add the *Chowmain Agent* to Project

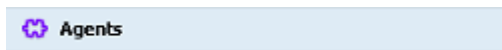


7. *Chowmain Agent* should be listed in the project.



Link Project Code to Control4 Project

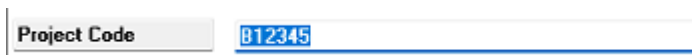
1. Ensure *Chowmain Agent* is installed on primary Control4 Controller. If not, follow the previous information
2. Navigate to the Agents View in Composer Pro



3. Select *Chowmain Agent* in the project



4. Enter the Project Code into the Project Code Property. You would have previously set this up on the *Chowmain* website as outlined in the Website portion of this document. If you have not set up a project you can do so via the [Chowmainsoft - Projects](#) webpage.



5. The status property will provide feedback on driver licencing status



6. **Please note:** If project code has been used previously on another controller you can revoke the licence for use again.

LICENCING FAQ

What are the Requirements for Chowmain licencing?

- Driver trials do not require Agent to be installed.
- To activate licenced drivers, *Chowmain Project Agent* must be installed.
- Composer Pro 3.1.3 or later is required to install and configure *Chowmain Project Agent*
- Internet is required during the licence registration process.
- If Internet is lost then the licence will persist the last state.
- If the *Chowmain Project Agent* is removed then licencing will be invalidated. Do not remove the *Chowmain Project Agent* once installed.

How do I know if the deployed driver is using Chowmain Licencing?

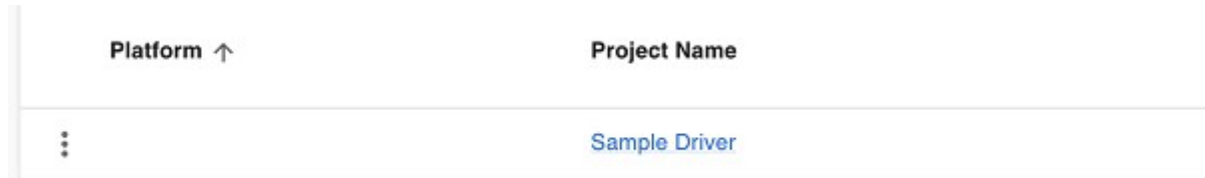
- There are multiple ways:

1. Chowmain licensed drivers have CM: in their cloud status property

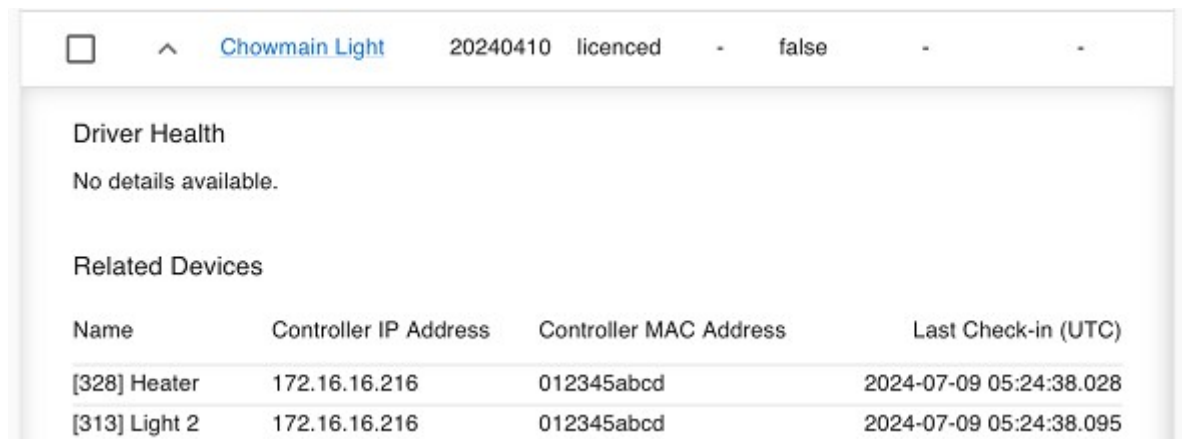


2. If the *Project Code* has been correctly entered in Chowmain Project Agent and the project is registered, you can find the list of Chowmain-licensed drivers deployed on your controller using the Chowmain website.

1. Navigate to [Chowmainsoft Website - Projects](#)
2. Select your Project Code



3. Known Chowmain Drivers will be listed, and if you select the driver, it will list which drivers in the project are known to be CM Licenced. Please note, this list may not update immediately



How does the trial period work?

All Chowmain drivers are free to use for 90 days. When the trial expires the driver will cease to function until you purchase a licence and apply it to the project.

What benefits does Chowmain Project Agent provide?

Chowmain Project Agent provides a number of benefits for projects

- Required for activation of driver licences. Enables the linking of Control4 Projects to Chowmain Project Codes.
- Required for Auto Updates of Chowmain Licenced drivers
- Provides local access to all Diagnostics for all known licenced Chowmain drivers on Control4 system in 1-click
- Bulk Enable and Disable of Automatic Updates of drivers
- Display local licencing information for all known driver
- Update All Drivers in 1 click to latest versions available for that driver

Where do I buy a Licence from?

- Chowmain Control4 Drivers are only available to Control4 installers. Installers can sign up to a Chowmain account using: <https://chowmain.software/signup>. If you are a home owner you should contact your automation installer for support, purchase and installation of drivers
- This driver is developed by Chowmainsoft and can be purchased from the [Chowmain Software Website](#).
- All licences are site licences. This means the one licence can be used to unlock as many instances of the same driver in the same project.

Can I upgrade old versions of drivers from other marketplaces to Chowmain?

- This process is mostly automated.
 1. Install Chowmain Project Agent, and assign a Project Agent as required
 2. Ensure all drivers are up to date, and replace obsolete drivers with updated builds.
 3. Wait 10 mins.

Developer Information



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Information stated in this document is current as of January 2025 and may change. For latest information please visit <http://www.chowmainsoft.com>

Support

Ticket / Live Chat Support

We provide ticket based support and live chat support for those who can't contact us via phone. Click the button below to visit our online helpdesk.

Support Centre	Hours of Operation	URL
Australia / New Zealand / United Kingdom	Monday - Friday - See website for hours of operation	https://chowmain.software/for-integrators/ technical-support

Phone Support

Region	Hours of Operation	Phone Number
Australia	Monday - Friday - See website for hours of operation	[+61 3 9028 6999](tel:+61 3 9028 6999)
United Kingdom	Monday - Friday - See website for hours of operation	[+44 29 2000 5551](tel:+44 29 2000 5551)
United States	Monday - Friday - See website for hours of operation	[+1 206 944 5444](tel:+1 206 944 5444)

Driver Documentation

All of our drivers come with detailed instructions on how to install and configure the driver for use in different projects. Please refer to the documentation included with the driver you downloaded, or [contact us](#) if you are unable to locate the documentation for your driver.

Change Log

Version 20250307 - 06-MAR-2025

This adds support for Uplight / Downlight support for Big ass fans. Refer to docs for more info

- [Feature] Add Logging for fans (Fan)
- [Feature] Add Support for MultipleLightMode variable. Used to determine if light is set to uplight (1), downlight (1) or both (0) (Fan)
- [Performance] Remove old Licencing (All)
- [Feature] Add New Command. Set Multiple Light Mode. Used for Uplight/Downlight Selection
- [Feature] Add new button link binding to toggle Multiple light Modes

Version 20240912 - 12-SEP-2024

- Improve Licencing

Version 20240806 - 06-AUG-2024

- Support for Chowmain Licencing
- Improved Troubleshooting
- Performance Improvements

Version 20240410 - 10-APR-2024

- [Bug] Fix Compatibility with some controllers

Version 20240405 - 05-APR-2024

- [Performance] Reduce HTTP Connections required by Driver for operation (All)
- [Performance] Further reduction of CPU spikes (All)
- [Compatibility] Future Compatibility Updates (All)
- [Performance] Other Miscellaneous Bug and performance improvements (All)
- [Usability] Improve Auto Update Behavior (All)
- [Troubleshooting] Improve Troubleshooting (All)
- [Feature] Add Cycle Fan Behavior (Fan)
- [Feature] Add Display Extended Diagnostics and Related Diagnostics Actions (All)
- [Performance] When Debugging is enabled, Up to 28x-100x speedup in logging performance improvement in some benchmarks(6631ms vs 60ms). (All)
- [Performance] Print and Cloud Debugging will switch to cloud only after 24hrs automatically. Print will also turn off Automatically (All)
- [Performance] Speed up other operations for logging and related activities by 9ms-22ms (All)

Version 20240108 - 08-JAN-2024

- Add new variables:
 - pcbaRevision - Hardware PCBA Revision
 - fanOccupied - Current Occupancy Status of the Fan
 - fanOnMeansAuto - Next remote fan power on will enable auto
 - lightOccupied - Current Occupancy status of the Light
 - fanTimerMinutes - Duration of fan timer in minutes
 - lightOnMeansAuto - Next remote light power on will enable auto
 - OffWhenAway - The fan should be off when the tstat is "away"
 - New CoolSpace Read-Only Variables
 - coolSpaceIsWaterEmpty - Empty or full sensor
 - coolSpaceWaterPercent - Level sensor
 - coolSpaceMediaLife - Minutes the media has been in use
 - coolSpaceDryModeEnabled - Is dry mode enabled
 - coolSpaceTurboEnabled - Is turbo enabled
 - coolSpaceDryDurationSeconds - Duration of manual or auto dry.
 - coolSpaceDryTimeoutSeconds - Time before auto dry.
 - coolSpaceTabletTimestamp - Timestamp of last tablet replacement (seconds since Unix epoch)
- Improve Occupancy Support using direct Fan/Light Occupancy commands (required for some hardware and firmware)
 - New Events and Bindings for Light / Fan Occupancy
 - New Properties to show Occupancy status
- Backend Improvements
- Improvement to "Auto Update" property (All)

Version 20231116 - 16-NOV-2023

- Fix LED Feedback on Button links for Light Brightness (FanLight V2) - Thanks David Estabrook
- Massive Performance, Memory and Troubleshooting Improvements (All)
- Other Miscellaneous Improvements (All)

Version 20220908 - 08-SEP-2022

- Update Documentation to our latest standards (All)
- Add Variable Write support for Sleep / Wakeup variables (FanLight V2) - Thanks Clint @ Electronic Living
- Add Thermostat Mode Programming Command (FanLight V2) - Thanks Clint @ Electronic Living

Version 20220812 - 12-AUG-2022

- Further OS 3.3 Performance improvements. Requires Controller reboot (All)

Version 20220803 - 03-AUG-2022

- Improve Troubleshooting and Diagnostics (All)

Version 20220726 - 26-JUL-2022

- New Feature: One Touch AutoSetup (Agent V2)

Version 20220706 - 06-JUL-2022

This version introduces our new Big Ass Fans V2 driver Suite. Our newly rewritten V2 drivers supports their latest firmware, more devices and the Big Ass Fans app. All Big Ass Devices must be upgraded for support (V2 does not support the legacy SenseMe firmware). Control4 OS 3.3 or later is required for correct operation.

Please note, this is a major rewrite. After upgrading device firmware to V3.0, you must delete the old drivers and replace them with the rewritten V2 drivers.

Some benefits of the new drivers include:

- Driver is no longer limited only to Haiku, but a much wider range of Big Ass Fans devices
- OS 3.3 CCT / White Temperature Light ColorWheel Control
- Occupancy Sensor Support
- Huge range of variables for feedback. And various read-write variables for advanced users
- Compatibility with the new V3.X firmware

Thanks to all our beta testers for their feedback and feedback including:

- Cameron Etezadi
- David Estabrook

Version 20210119 - 19-JAN-2021

- Updated to new Driver Central licensing

Version 20200716 – 16-JUL-2020

- Fixed issues with programming commands not firing
- Added smart mode programming (off, heating, cooling)

Version 20200714 – 14-JUL-2020

- Implemented Whoosh, Direction and Auto commands into the programming tab.

Version 20200618 – 18-JUN-2020

- Fixed issue with OS 3.1.3

- OS 3 supports additional speeds now. Fixed the driver to the 7 speeds Haiku supports.

Version 20170710 – 10-JUL-2017

- Migrated to driverCentral.

Version 20160720 - 20-JUL-2016

- Fixed issue with speed 4

Version 20160714 - 14-JUL-2016

- Initial Version