

Phillips Hue Installation and Usage Guide



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chowmainsoft

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Overview

The Chowmain Philips Hue Driver for Control4 seamlessly integrates the Philips Hue ecosystem into Control4 projects, including native Philips Hue lighting, motion sensors, smart plugs, window and door contacts, keypads, Friends of Hue switches, and more. Philips Hue is one of the world's most widely adopted smart lighting and wireless control platforms, offering a mature, reliable range of mains powered, battery operated, and batteryless kinetic devices that are easy to deploy, expand, and scale across residential projects of any size.

The driver provides deep integration of Philips Hue lighting, with full support for zones, groups, and advanced lighting scenes. This allows Hue lights to behave as first class citizens within Control4, enabling consistent control, automation, and scene recall across individual loads, grouped lighting areas, and whole room or whole home advanced lighting scenes.

The driver supports all current Philips Hue bridge hardware, including both Pro and V2 bridges, ensuring broad compatibility across existing and new installations. Native support for Philips Hue motion sensors, window and door contact sensors, keypads, Friends of Hue switches, and Dial Switches addresses a long standing gap within Control4 for flexible, wireless battery/kinetic input devices. Dial Switch support enables intuitive volume ramping and level dimming using turn left and turn right actions, delivering a natural and highly responsive user experience.

In addition to first party devices, the driver supports third party Friends of Hue hardware, such as the Senic Friends of Hue outdoor keypad. This IP rated, battery free, kinetic keypad enables reliable indoor and outdoor control without wiring or battery maintenance, making it particularly well suited to retrofit applications.

A standout capability is Motion Aware functionality, which leverages disturbances in Zigbee frequency within rooms containing three or more Hue lights to infer occupancy, reducing reliance on physical sensors. With strong emphasis on battery operated and batteryless kinetic devices, this driver is ideally suited for retrofits, apartments, and fast deployments where traditional wiring is impractical, effectively transforming Philips Hue from a lighting system into a powerful automation platform within Control4 environments.

Features

The Chowmain Philips Hue Driver for Control4 offers a comprehensive set of features to enhance your smart home automation experience. Key features include:

- Notable Product Support
 - Philips Hue Bridge & [Philips Hue Bridge Pro](#)
 - [Philips Hue Secure Contact Sensor](#)
 - [Philips Hue Outdoor Motion Sensor](#)
 - [Philips Hue Motion Sensor](#)
 - [Philips Hue Dimmer Switch Wireless Battery Keypad](#)
 - [Philips Hue Smart Button](#)
 - [Philips Hue Tap Dial Switch Wireless Battery Keypad](#)
 - [Philips Hue Smart Plug](#)
 - [Philips Hue Indoor & Outdoor Lighting](#)
 - [Friends of Hue - Senic Outdoor No Battery Wireless Switch](#)
 - + more
- Control4 X4 Support
- Automatic Setup and installation of Zone, Group, Lights, Motion Aware Zones and all device drivers
- Huge range of variables to enable deep integration
- Product Information such as:
 - Device ID
 - Product Manufacturer
 - Product Name
 - Product Model ID
 - Certified Device Status
 - Hardware Platform TYPe
 - Product Archetype
 - Device Firmware Version
 - Device Firmware Update State
- Light:
 - Support for Zone, Rooms and single devices
 - Color, CCT and Dimmable light support
 - Advanced Lighting Scenes Support
 - Support for Light Effects and Hue Scenes
 - One Click install of Light Driver
 - Light Control Bindings for On/Off, Brightness, Color Temp, and Hue shift
 - Compatible with grouping with other manufacturers lights with the Chowmain Light Group driver (not included).
- Light Level Sensor:
 - Both group and singular light level sensors supported
 - Track Light Level using Variables

- Support for both Lux and Philips Hue Light Levels
- Set Min / Max preferred levels for Lux
- Fire events on low and high light levels based on preferred levels
- Contact Sensor:
 - Events for Contact State (Open / Closed)
 - Contact Sensor Bindings to track state
- Motion Sensors
 - Support for both group and singular motion sensors
 - One Click install of Motion Detection driver
 - Contact Sensor Binding to allow easy integration
 - Events for Motion State (Motion / No Motion)
 - View Motion Sensor Sensitivity Settings
- Power State:
 - Track Battery State and Battery level using Variables
 - Support for Chowmain Battery Indicator Driver (Not included)
- Keypad Button Integration:
 - BUTTON_LINK bindings and Events for:
 - Push / Release State
 - Single Click
 - Double Click
 - Triple Click
 - Long Press
 - Short Press
- Rotary Control Support:
 - Support for Rotary devices such as the Hue Tap Dial
 - BUTTON_LINK Bindings for Rotary Up / Down actions to control lights, volumes and other Button link compatible drivers
 - Variable Bindings to track Rotary position
 - Direct Integration with Number Variables to allow direct control with adjustable sensitivity
- Tamper Sensor:
 - Events for tamper state (Tampered / Not Tampered)
 - Tamper Sensor Bindings to track state
- Temperature Sensor:
 - One click Temperature Display Driver Installation
 - Temperature sensor Bindings to enable integration with Temperature sensor
 - Track Temperature using Variables (Celsius / Fahrenheit)
- Zigbee Connectivity Tracking:
 - Support for Connection status, Mac Address, Extended Pan ID via variables and properties

Requirements

- Control4 OS 3.4.3 is the minimum required. Earlier Control4 OS Versions are not officially supported. X4 is supported
- Philips Hue Software Version 1955082050 or later is required.
- A Philips Hue Bridge V2 or Pro (Recommended) is required. The latest firmware should be installed to avoid issues
- Hue system must be setup and working with the Philips Hue App prior to installation of this driver
- Ensure that the Control4 system can communicate with the Hue Bridge over the local network. It is recommended that both devices are on the same network segment.
- Physical access to the Hue Bridge is required to press the Link button during initial setup

Quick Start

1. Download the latest version of the Philips Hue Driver from the Chowmain Software website and install using Composer Pro. It is recommended to use the Driver => Add Or Update Driver or Agent Menu (and select all to install all drivers at once)
2. Add Philips Hue Bridge Driver to project (this is not an agent driver and is added in the System Design)
3. Set the IP Address of the Hue Bridge in the Bridge Driver Properties, or if Bridge Auto Discovery is enabled, use the "Discover Bridge" Action and Select the bridge from the "Select Bridge From List" property
4. The driver should automatically begin the auto linking process, however, if not, use the "Link Bridge" Action.
5. Press the large round link button at the top of the Hue Bridge unit. Please note, this is different to the factory reset button.
6. The driver should indicate that it is linked successfully within 10 seconds. If not, try again from step 4.
7. Use the AutoSetup Devices Action to automatically create add drivers for Zones, Groups, Lights and Motion Aware Zones. Set the AutoSetup policy as required. You may also choose to only AutoSetup certain types of devices
8. Configure the devices as required. Convenience actions are provided for motion sensors and Temperature drivers within the device driver Actions
9. Reset Navigators

Rotary Dials (Hue Tap Dial)

This driver supports rotary dials such as the Hue Tap Dial to provide rotary control of devices with variable control, such as lights or volume. There are three types of control offered.

Control Via Button Links

Button links allow you to link the counter clockwise or clockwise actions to a compatible device such as lights, or volume control. This provides convenient access, however, this form of control does not allow

sensitivity adjustment. Movement in a singular direction is treated as a button press. When movement stops, it is treated as a button release. Click events are not used in this mode.

1. Configure Hue device driver as normal
2. In Connections, bind the "Rotary Counter Clockwise / Down" and "Rotary Clockwise / Up" actions to the desired BUTTON_LINK connections (such as Light On/Off or Volume Up/Down)
3. In Relative Rotary Dial Properties, you can adjust the "Rotary Debounce" if requires. This adjusts how long to wait after movement stops before sending the button release event. The default of 1500ms is generally suitable for most applications.
4. When controlling lights, you may also wish to increase the Hold Ramp rate settings within the light properties of the light you are controlling to ensure a better experience.

Control Via Variable Control

Variable control allows you to use the rotary dial to provide variable control for a number variable (float variables are not supported)

To use this feature:

1. Setup the Hue Tap Dial driver as per other devices
2. In Relative Rotary Dial Properties:
 1. Set the Rotary Bound Variable to the desired variable to control
 2. Set the Minimum and Maximum Values for the variable. This is required to ensure that the variable does not exceed the desired range. For a light brightness control, this would generally be 0 to 100 (percent)
 3. The Debounce affects how long we wait for the dial to stop moving more rotary commands. The default of 1500ms is generally suitable for most applications.
 4. You can adjust the Max Value Per Rotation Property to adjust how much the variable changes per 360deg rotation. Higher values result in faster changes. As an example, if the min/max is set to 100, and the max value per rotation is set to 200, you only need to turn the dial approximately 180 degrees for the variable to go from 0 to 100.

Control via Variables and events

This driver provides various variables to manage the rotary dial directly.

- Use Variable Agent to identify the variables available for programmers. They are listed under RELATIVE_ROTARY_ID_*
- Events are also provided to allow programming based on starting and stopping movement in either direction. These can be accessed in Programming.

Automated Lighting

To assist installers, Devices which provide both Light Levels and motion (such as Hue Motion Sensors) directly provide an easy way to implement automated lighting based on motion detection and room light

levels. Compatible devices expose the "Automated Lighting" properties section. This combines the benefits of both motion detection and light level sensing to provide automated lighting control.

1. Under Automated Lighting Properties, enable "Enable Automated Lighting"
2. Set the Lights Triggered to the lights you want to control
3. Automate Lights Rules should be configured based on whether you wish to always turn lights on, or adjust them based on the Minimum / Maximum Light Levels set in the Light Level High / Low Properties
4. Ramp Time can adjust how quickly the lights turn on / off. It is normally recommended to set this to a value greater than 0 to avoid abrupt changes
5. Auto Off After (Seconds) can be used to automatically turn off lights after a set period of no motion.
6. Set Brightness can be adjusted to set the brightness level when lights are turned on automatically. This is useful to avoid lights turning on at full brightness in dark rooms.

We have also provided 3 programming commands which can be used for more detailed Control.

- Enable / Disable Automated Lighting. This command can be used to temporarily disable automated lighting without losing the configuration.
- Set Automated Lighting Brightness. This command can be used to adjust the brightness level used as the On level for automated lighting. This is useful for installers to be able to perform actions such as adjusting brightness based on time of day.

Setup

Philips Hue Bridge (Chowmain)

Actions

- AutoSetup Devices: Automatically sets up devices. The policy used to set up the devices based on their rooms can be set in the "AutoSetup Policy" parameter.
- AutoSetup Single Device: Automatically sets up a single device by its ID.
- Bulk Update Auto Rename Format: Updates the Auto Rename Format for all connected devices.
- Discover Bridges: Initiates discovery of Hue bridges. Hue is limited to discovery once every 15 minutes
- Display Device Information: Shows information for a selected device/zone/room/motion area
- Display Diagnostics: Displays diagnostic information.
- Display Extended Diagnostics: Shows extended diagnostics.
- Display Related Diagnostics: Shows diagnostics for all hue drivers.
- Execute Scene: Executes a selected scene on the Hue Bridge.
- Get Latest Device Info: Retrieves the latest information from the bridge.
- Link Bridge: Links the bridge to the system. This is normally initiated automatically.
- Submit Diagnostics: Submits diagnostic data.

Commands

- Execute Scene: Executes a selected scene on the Hue Bridge.

Properties

- Cloud Status: Shows the current Chowmain Licencing status.
- Driver Version: Displays the installed driver version.
- Automatic Updates: Enable or disable automatic driver updates.
- Control4 MAC Address: Displays the MAC Address for the Primary Control4 Controller
- Debug Mode: Select debug mode.
- Debug Level: Set the debug level.
- Error Reporting: Configure error reporting.

Driver Information:

- Bridge Discovery Status: Status of Bridge discovery.
- Connection Status: Shows connection status.
- Real Time Feedback Status: Status of real-time feedback.

Bridge Settings:

- Enable Bridge Auto Discovery: Enable or disable Bridge auto discovery (polled every 30 minutes).
- Select Bridge From List: Select a bridge from the discovered list.

- Selected Bridge ID: The ID of the selected bridge.
- Bridge IP Address: Set the bridge IP address.
- Bridge Port: Set the bridge port.
- Auto Rename Bridge: Automatically rename the driver in the project to the name in the Hue app.

Device AutoSetup:

- Default AutoSetup Site: Select the default site for auto-setup.
- Default AutoSetup Building: Select the default building for auto-setup.
- Default AutoSetup Floor: Select the default floor for auto-setup.
- Default AutoSetup Room: Select the default room for auto-setup.
- Provisioned Hue Devices: Number of provisioned Hue devices.
- Provisioned C4 Hue Drivers: Number of provisioned C4 Hue drivers.

Bridge Information:

- Bridge ID: The bridge's unique ID.
- Bridge Model ID: The model ID of the bridge.
- Bridge Datastore Version: Datastore version.
- Bridge Name: Name of the bridge.
- Bridge Software Version: Software version.
- Bridge API Version: API version.
- Bridge MAC Address: MAC address.
- Send Delay (ms): Minimum delay between sending commands. Higher values may improve reliability on busy networks. The official recommendation is 10 commands per second
- Group Send Delay (ms): Minimum delay between sending Group/Broadcast commands. Higher values may improve reliability on busy networks. The official recommendation is 1 command per second only

Philips Hue Device / Light (Chowmain)

Actions

- Auto-Install Motion Drivers: Installs motion drivers automatically.
- Auto-Install Temperature Drivers: Installs temperature drivers automatically.
- Auto Setup: Performs automatic setup.
- Display Diagnostics: Displays diagnostic information.
- Display Extended Diagnostics: Shows extended diagnostics.
- Display Information: Displays device information.
- Display Related Diagnostics: Shows diagnostics for all hue drivers.
- Set Lighting Effect: Sets the lighting effect on the device. (Light Only)
- Set Lighting Scene: Sets the native Hue lighting scene on the device. (Light Only)
- Submit Diagnostics: Submits diagnostic data.

Commands

- Enable Automated Lighting: Enables automated lighting.
- Disable Automated Lighting: Disables automated lighting.
- Set Automated Lighting Brightness: Sets automated lighting brightness.
- Set Lighting Effect: Sets the lighting effect on the device. (Light Only)
- Set Lighting Scene: Sets the native Hue lighting scene on the device. (Light Only)

Properties

- Cloud Status: Shows the current Chowmain Licencing status.
- Driver Version: Displays the installed driver version.
- Automatic Updates: Enable or disable automatic driver updates.
- Control4 MAC Address: Displays the MAC Address for the Primary Control4 Controller
- Debug Mode: Select debug mode.
- Debug Level: Set the debug level.
- Error Reporting: Configure error reporting.

Driver Information:

- Enable Control Logs: Enable or disable control logs.
- Device Address Selection: Select device address mode.
- Select Device From List: Select a device from the list.
- Device ID Selected: The selected device ID.
- Device ID (STRING): Set the device ID.
- Auto Rename Device: Automatically rename the device.
- Auto Rename Format: Format for auto-renaming the device.
- Device Name: Name of the device.
- Device ID (v1): Legacy device ID.

Zigbee Connectivity:

- Zigbee Connection Status: Zigbee connection status.
- Zigbee MAC Address: Zigbee MAC address.
- Zigbee Extended PAN ID: Zigbee PAN ID.

Product Information:

- Product Manufacturer: Manufacturer.
- Product Name: Product name.
- Product Model ID: Model ID.
- Certified Device: Certification status.
- Hardware Platform Type: Hardware platform.
- Product Archetype: Product archetype.
- Device Software Version: Software version.

- Device Software Update State: Firmware Update state.

Light

- Light Type: Type of light.
- Minimum Color Temperature: Minimum color temperature for CCT Control (Kelvin).
- Maximum Color Temperature: Maximum color temperature for CCT Control (Kelvin).

Light State:

- Device Type: The detected Light Type
- Brightness: Brightness level.
- Color Mode: Whether the light is set to CCT or Color mode.
- CCT: The current Color Temperature (Kelvin).
- Color: The Current selected Color (RGB)

Buttons: Button information.

- Button 1-8 State: State of each button.

Contact Sensor:

- Contact State: Contact state.
- Contact Last Changed: Last change time.

Device Power:

- Device Battery State: Battery state.
- Device Battery Level: Battery level.

Light Level:

- Light Level - Low/High Value (Lux): Set low/high lux values.
- Light Level Value: Current light level.
- Light Level Changed: Last change time.

Grouped Light Level:

- Grouped Light Level - Low/High Value (Lux): Set grouped low/high lux values.
- Grouped Light Level Value: Grouped light level.
- Grouped Light Level Changed: Last change time.

Motion Detection:

- Motion Detected: Motion detected state.
- Motion Status Last Changed: Last change time.
- Motion Sensitivity: Sensitivity of the motion sensor.

Convenience Area Motion Detection:

- Convenience Area Motion Detected: State of convenience Area motion detection.
- Convenience Area Motion Status Last Changed: Last change time.
- Convenience Area Motion Sensitivity: Sensitivity.

Security Area Motion Detection:

- Security Area Motion Detected: State.
- Security Area Motion Status Last Changed: Last change time.
- Security Area Motion Sensitivity: Sensitivity.

Grouped Motion Detection:

- Grouped Motion Detected: State.
- Grouped Motion Status Last Changed: Last change time.
- Grouped Motion Sensitivity: Sensitivity.

Relative Rotary Dial:

- Rotary Last Action/Direction/Duration: Rotary dial last action, direction, and duration.
- Rotary Bound Variable: Variable bound to rotary.
- Rotary Bound Variable - Max Value Per Rotation: Max value per rotation. This affects the sensitivity. Higher values = more sensitive.
- Rotary Debounce (ms): Debounce time.
- Rotary Bound Variable - Min/Max Value: Min/max value for rotary.

Tamper:

- Tamper State: Tamper state.
- Tamper Last Changed: Last change time.

Temperature:

- Device Temperature: Device temperature.
- Device Temperature Changed: Last change time.

Automated Lighting:

- Enable Automated Lighting: Enable or disable automated lighting.
- Automate Lights Rules: Set automation rules.
- Lights Triggered: Select lights to trigger.
- Ramp Time (ms): Set ramp time in ms (1s = 1000ms).
- Set Brightness: Set brightness.
- Auto Off After (Seconds): Set auto-off timer.

Troubleshooting

For troubleshooting, it is recommended to use the Display Diagnostics action (or Display Related Diagnostics to test all drivers at once) available in Bridge, Device and Light drivers. This will provide detailed information about the current status, connectivity, and any errors that may be occurring.

For troubleshooting tips, known issues, and solutions to common problems, please visit our official Knowledge Base:

<https://help.chowmain.software/portal/en/kb/driver-support/control4/philips-hue>

The Knowledge Base is regularly updated with troubleshooting guides, tips and resolutions for Chowmainsoft drivers and integrations.

Connection Status is Disconnected

- Ensure that System Requirements have been met.
- It is recommended that the Hue bridge is set to Static IP, or a static IP has been assigned via DHCP
- Errors 99 and lower indicate network connectivity issues.
- Ensure that Bridge IP Address and Bridge Port (default is 443) is set correctly in Hue Bridge Driver
- Ensure that Bridge is linked correctly. Refer to our Setup Guide for more information on linking
- Ensure that latest driver version is installed
- Check that bridge is online and network allows connection between Control4 and the Bridge
- Refer to Display Diagnostics for further information

Real Time Connection Disconnected. Connection Status however is Connected

- Ensure that System Requirements have been met and firmware is up to date
- This condition may be temporary or may occur during a firmware update
- Power Cycle Bridge
- Use Display Diagnostics Action for more information (the results are shown in Lua tab)

Auto Discovery Shows Too Many Requests

- As of January 2026, Hue discovery is limited to 1 discovery request per 15 minutes. If you receive this error please wait 15 minutes before trying again.
- If you continuously receive this error, please ensure that no other Hue drivers or systems on the network are attempting Hue discovery requests.
- If your ISP is using CG-Nat for internet, you may be sharing a public IP address with other users which may cause this error. In this case, please use manual IP configuration for the Hue Bridge (and a reserved address), or request a public IP address from your ISP.

Hue Discovery "Select Bridge From List" is Empty

- Ensure that the Hue Bridge is powered on and connected to the network and internet
- The Hue bridge must be fully configured using the App and running the latest firmware
- The Control4 system must be able to communicate with the internet
- Check the Auto Discovery Status for more information
- Press the "Auto Discover Bridge" Action again to retry discovery manually. Please note, only press this button after Hue bridge is configured and online

Auto Discovery list shows multiple bridges which have not been installed on local network

- If your ISP is using CG-Nat (Shared Public IP) for internet, you may be sharing a public IP address with other users which may cause this issue. In this case, please use manual IP configuration for the Hue Bridge (and a reserved address), or request a public IP address from your ISP.
- Ensure that Network VPN is not bridging other networks together

What are the Requirements for this driver?

- Control4 OS 3.4.3 or higher. X4 is supported
- Control4 HC-XXX Series controllers are not supported
- Bridge V2 or Bridge Pro (recommended). Bridge V1 units are not supported.
- Philips Hue Software Version 1955082050 or later is required. Earlier versions will fail to connect properly.

What practical and compelling use cases does this integration enable?

- Battery-free keypads and switches: Select first-party and third-party Hue keypads, referred to as dimmer switches in Hue terminology, are entirely battery-free. They harvest kinetic energy from the button press to transmit Zigbee commands. A standout example is the [Senic Outdoor Switch](#), which is IP-rated for external use. Installation is straightforward: mount the switch, pair it to the Hue Bridge, and it is immediately operational.
- Expanded motion-sensing options: Battery-powered motion sensor options within Control4 are limited. Philips Hue significantly expands this capability by offering both [indoor wireless motion sensors](#) and [outdoor-rated motion sensors](#). The driver streamlines automated lighting workflows using motion detection in combination with ambient light (lux) levels through driver properties.
- Door and window contact sensors: Philips Hue also provides [battery-operated door and window contact sensors](#), enabling additional automation and occupancy-based logic without the need for hard-wired sensors.
- Room-level lighting control and scenes: The driver supports room-level lighting integration to eliminate popcorn effects during transitions. Full scene execution is also supported, enabling smooth, coordinated lighting behaviour across the space.

What is Friends of Hue?

Friends of Hue is a Philips Hue partner program for third party manufacturers that create products designed to integrate tightly with the Hue ecosystem.

Products that carry the Friends of Hue label are officially certified by Signify and meet specific technical and design requirements.

Within the Friends of Hue range, keypad switch products leverages batteryless or energy harvesting technology and do not require a replaceable battery to operate. Instead, they generate the small amount of electrical energy needed for a Zigbee transmission from mechanical action (such as pressing a button), ambient light, or other environmental sources.

We have listed below Friends of Hue products available at the time of writing. All of which work via our driver.

- European Style
 - [ABB](#)
 - Berker
 - [Busch-Jaeger](#)
 - [Eltako](#)
 - Feller
 - Hager kallysto
 - Jumitech
 - [JUNG](#)
 - [Niko](#)
 - [Nodon](#)
 - OPUS
 - [Retrotouch](#)
 - Senic
 - [Indoor Switch](#)
 - [Outdoor Switch](#)
 - [TCS](#)
 - [Vimar](#)
 - [Voltus eVoToggle](#)
 - [Friends of Hue - Retrotouch](#)
 - [Friends of Hue - RunlessWire](#)
- US Decora Style
 - [RunLessWire](#)

What is Hue MotionAware?

MotionAware is an innovative feature available exclusively with the Hue Bridge Pro. It transforms your Philips Hue lights into motion sensors by creating a Motion area using 3 to 4 lights in a room. This feature allows you to control any lights when motion is detected or use it as part of a security system by sending alerts if motion is detected, triggering light alarms, etc.

Philips Hue lights communicate with each other using Zigbee. MotionAware measures fluctuations in wireless Zigbee signals, which occur when something (like a person) passes through them. This technology allows Philips Hue lights to detect motion without the need for additional sensors, cameras, or physical installation.

The Chowmainsoft Philips Hue driver for Control4 will integrate motion areas that have been pre-setup and calibrated into Control4 as a virtual motion sensor.

See [link](#) for additional information on MotionAware including setup instructions and troubleshooting guide.

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 (<https://chowmain.software>). Sign up to our newsletter to get notified when new drivers are released.

I want to try this driver out before buying it?

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

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.

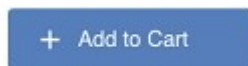
1. Navigate to the login page of Chowmain website: [Chowmain - Login](#)
2. Sign in using credentials provided after sign up request approval
3. Ensure you are logged into the website using website's header: registration and sign up buttons are replaced with cart icon and user icon



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](#)

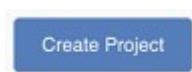
- If the controller has been replaced and the license needs to be transferred to a new controller you can do so yourself via the website

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

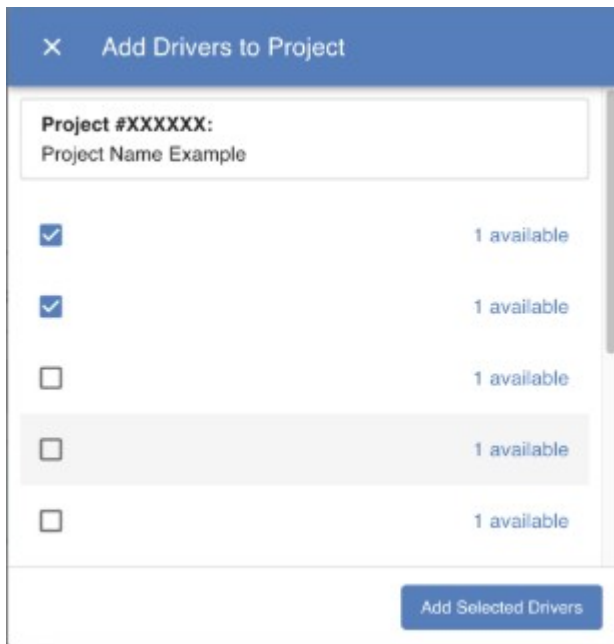
Project Name	Project Code	Licensed	Showroom	Platform
100	XXXXXX			
101	XXXXXX			

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.

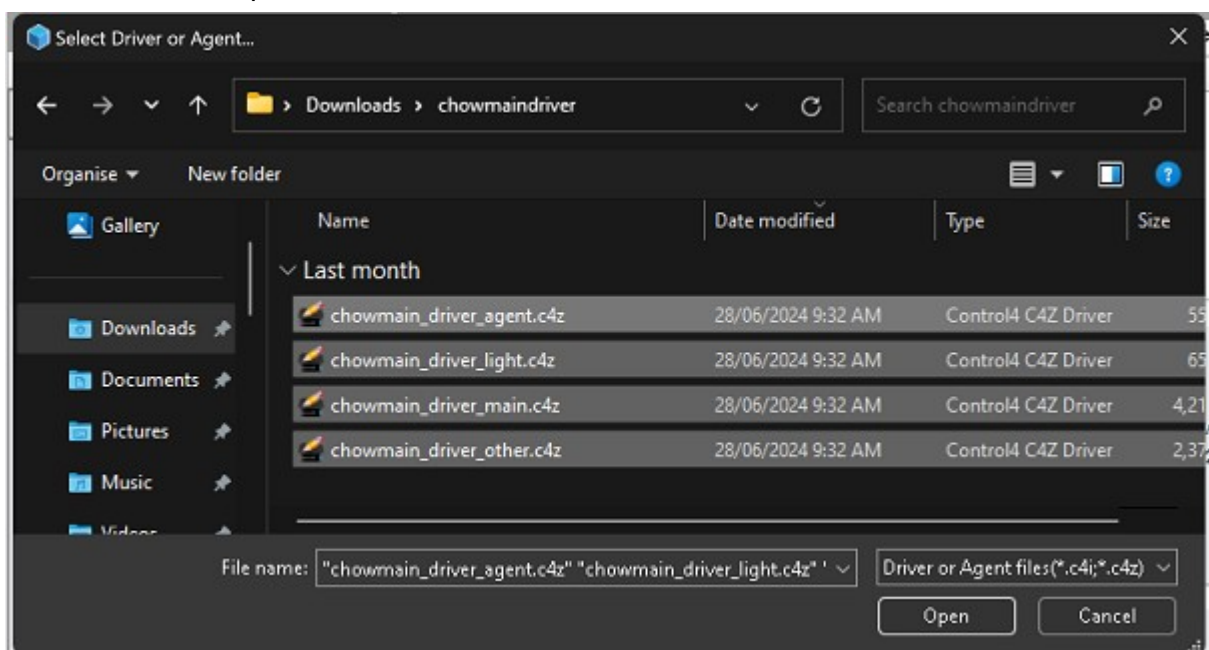
1. Visit: <https://chowmain.software>
2. Search and locate your driver, and click into the details by clicking the picture or heading.
3. Select Download. And extract the contents of the downloaded Zip file to a temporary directory



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

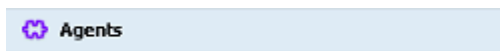
1. Download Chowmain Project Agent From the [Chowmain Project Agent Page](#)
2. Open Project In Composer Pro. Composer Express does not Support Agents and cannot be used
3. Navigate to the *Driver=>Add Or Update Driver Or Agent* menu item



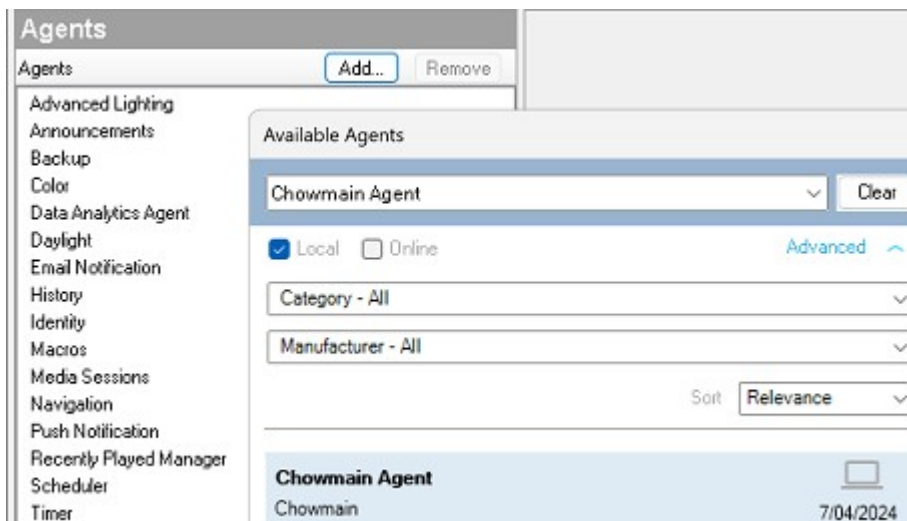
4. Add the *agent_chowmain.c4z* file



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

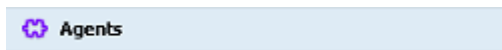


7. *Chowmain Agent* should be listed in the project.



Link Project Code to Control4 Project

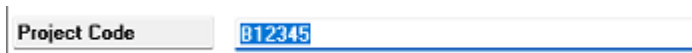
1. Ensure *Chowmain Agent* is installed on primary Control4 Controller. If not, follow the previous information
2. Navigate to the Agents View in Composer Pro



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?

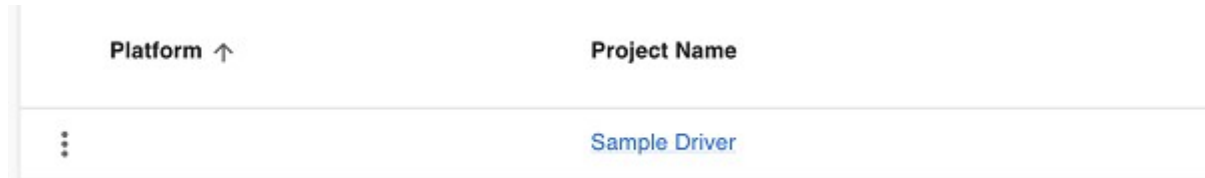
- There are multiple ways:

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

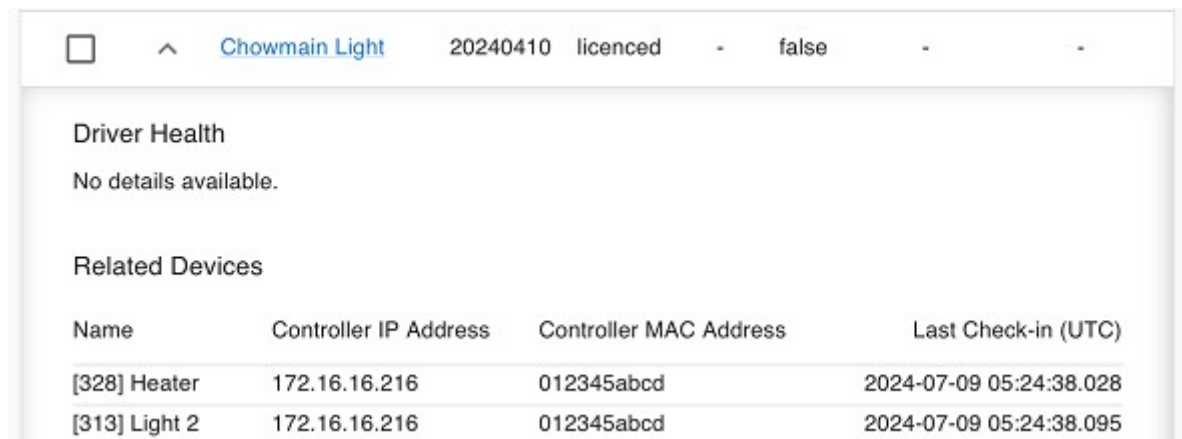


2. If the *Project Code* has been correctly entered in Chowmain Project Agent and the project is registered, you can find the list of Chowmain-licensed drivers deployed on your controller using the Chowmain website.

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 2026 and may change. For latest information please visit <https://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 20260210 - 10-FEB-2026

- [Improvement] Increase max Ramp time up to 100mins to allow for very long ramps (Light)

Version 20260125 - 23-JAN-2026

- [Bug] Fix Lighting Scene Command / Action in Device Driver (Light)

Version 20260124 - 23-JAN-2026

- [Bug] Color rate for Lights in ALS may incorrectly allow seperate brightness/color ramping. Fixed (Light)
- [Feature] Add Set Lighting Scene Command and Action to Device Driver (Device, Light)
- [Feature] Add Support for native Scenes in Lighting Extras (Light)

Version 20260123 - 23-JAN-2026

- [Bug] Fix Scenes Action in Bridge Driver (Bridge)

Version 20260122 - 20-JAN-2026

- [Feature] Add New AutoSetup Single Device Action to Bridge Driver (Bridge)
- [Feature] Add Ability to set Group Send Delay separately to Unicast Send Delay (Bridge)
- [Feature] Add Auto Rename Format Property to Device Driver (Device, Light)
- [Feature] Add Bulk Update Auto Rename Format Action to Bridge Driver. (Bridge)
- [Feature] Extend Max CCT to 25000K. There are lights out there with high CCT (Light)
- [Improvement] Improve Light feedback (Light / Grouped Light)
- [Improvement] Improve Get All Device Info Action to better update devices (Bridge)
- [Improvement] Improve handling when devices / motion areas / zones / rooms are updated directly (Bridge)
- [Bug] Lights may not have auto-renamed correctly in some circumstances. Device types were though (Light)
- [Bug] Fix minor crash on driver load. This is not believed to cause any real issues in practice (Device, Light)

Version 20260121 - 19-JAN-2026

- [Improvement] Set Commands are now buffered. This should improve support for large scenes and groups of lights (All)
- [Feature] Get Latest Device Info Action Added to bridge (Bridge)

Version 20260120 - 19-JAN-2026

- [Bug] Feedback for Brightness Button links is now correctly shown on Keypads (Keypad)
- [Bug] Rotary Debounce was missing in Light driver. In practice, this doesn't affect any real hardware, because the only rotary device we're aware of, doesn't have lighting capabilities (hue dial), so, it wouldn't use the light driver anyway. (Light)

Version 20260119 - 19-JAN-2026

- [Improvement] Minimum / Maximum CCT values were inverted due to use of Mireks instead of Kelvin. We now force them to be the expected order (Light)

Version 20260115 - 15-JAN-2026

- [Regression] Fix issue with device Auto Setup Introduced in 20260114 (All)
- [Improvement] Eliminate Auto Binding. This allows dual Bridges to be used (All)

Version 20260114 - 14-JAN-2026

- [Feature] Allow only specific device types to be added during Autosetup (bridge)

Version 20260113 - 13-JAN-2026

- [Feature] Add Ability to Set the AutoSetup Floor/Building/Site/Room. This may have changed if you were using 20260112 previously, and you may need to change back to the preferred room (Bridge)
- [Usability] Reorder the properties for easier usability. Make it more obvious that Auto-Discovery refers to bridge (Bridge)
- [Usability] AutoSetup can now try to put lights in existing rooms if they exist or create the rooms as required (Bridge)
- [Features] Add Scenes Command and Action to Bridge Driver (Bridge)

Version 20260112 - 12-JAN-2026

- Initial release