



Control4 Smart Home
OS 3.1.2 Release Notes



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1 Introduction

The Control4 Smart Home OS 3.1.2 release is a maintenance release which provides support for new lighting products, increases the speed and performance of camera snapshots on the T3 touch screens, and provides defect fixes for added reliability. This release is intended for both new and existing installations.

2 New Lighting Products

This release includes three new in-wall wireless lighting devices that expand the current Control4 Wireless lighting family. Additionally, a new Plug-In Outlet Dimmer and Plug-In Outlet Switch are being released to replace the current Outlet Dimmer and Outlet Switch.

Note: Each of the new lighting products requires OS 3.1.2 as their minimum supported OS.

2.1 Essential Lighting

Control4 Essential Wireless Lighting is a new lighting product line designed with essential smart lighting features and priced for Control4 dealers to be able to include smart lighting in every project. Three in-wall Decora models are available including a Dimmer, Switch, and Auxiliary Keypad—each comes in white with available color change kits for snow white (matte), black, and almond.

Essential Lighting products are fully interoperable with Control4 Wireless Lighting and can coexist in the same Control4 Zigbee network. The Essential Lighting products' design is very similar to the current Control4 Wireless Lighting with the addition of a slim frame around the rocker as illustrated in the product images below.

A chart comparing the Control4 Wireless Lighting and Essential Lighting lines can be found at <https://ctrl4.co/essential-compare>.

Note: Button engraving is not available for Essential Lighting products.

**Essential Dimmer, 120V
(C4-V-FPD120-WH)**



**Essential Switch, 120V/277V
(C4-V-SW120277-WH)**



**Essential Auxiliary Keypad
(C4-V-AUX-WH)**



Key Features

- 120V, certified for use in North America (Switch also supports up to 277V)
- Communicates using Zigbee and is fully interoperable with Control4's Wireless Lighting
- Compatible with Control4 faceplates and other Decora faceplates
- Single, blue LED to display light status and available for control in programming on the Dimmer and Switch
- Quick and convenient installation using screw terminals
- Automatically detects line and load wiring for easy installation
- Similar rocker design to Control4 Wireless Lighting
- Use up to 5 Auxiliary Keypads with the Dimmer or Switch for 3-way lighting control
- Dimmer does not require neutral*

Color Change Kits

Black

Almond

Snow White

White



***Note:** Fluorescent, CFL, and LED loads are not recommended without a neutral connection to the dimmer.

2.2 Plug-In Outlet Dimmer and Switch

Available now are new plug-in devices, the Plug-In Outlet Dimmer and Plug-In Outlet Switch. These new lighting products are fully programmable, include a single, blue LED, are interoperable with all Control4 lighting products, and are available in white only. Each Plug-In Outlet device provides two outlets controllable as a single light.

The new Plug-In Outlet products are replacements for the Wireless Outlet Dimmer and Wireless Outlet Switch.

**Plug-In Outlet Dimmer
(C4-V-ODIM120-WH)**



**Plug-In Outlet Switch
(C4-V-OSW120-WH)**



2.3 Essential Lighting Drivers

Drivers for Essential Lighting products are available in the Control4 Online Driver Database. The drivers provide an HTML interface for Advanced Properties configuration and product version information.

The drivers for all Essential lighting and Plug-In products include device firmware. Devices will be updated automatically when a driver which includes updated firmware is updated in a Control4 system. Update progress can be seen on Composer Pro's Zigbee Network screen.

2.4 Known Issues

With Essential Lighting in an OS 3.1.2 project, a mechanism called Zigbee Proxy Broadcast is disabled to address a known issue with lighting scenes. Zigbee Proxy Broadcast helps send broadcast messages to Zigbee devices connected to a ZAP located out of radio range of the rest of the mesh. This will affect lighting scenes and roaming devices that communicate through the remotely located ZAP.

- Lighting scenes that include any lighting devices spread across multiple ZAPs that are not within radio range of each other may not execute properly when Essential Lighting or the Plug-In Outlet devices are present in the Zigbee mesh.
- System Remote Controls that use Zigbee (SR-250, SR-260) are not able to roam between ZAPs in a mesh when Essential Lighting or Plug-In Outlet devices are present in the Zigbee mesh with multiple ZAPs that are not within radio range of each other.

To work around this issue, configure the remotely located ZAP as a mesh controller instead of a secondary ZAP, join the Zigbee devices that route through the ZAP to the new mesh, and if a remote is needed, add and connect a remote for the new mesh.

3 Faster Camera Snapshots

The Cameras page has been updated as part of OS 3.1.2 to quickly deliver thumbnails to the camera view. A homeowner will enjoy prompt thumbnails and an improved experience on all T3 and Android mobile devices.

4 Defect Fixes

SYS-3095 - Issues with Brazil time zone operating properly.

SYS-3091 - Time zone for Europe/Dublin is incorrect.

ES-5923 - Z2IO: Bus and Hard faults occur when sending a corrupted IR code.

ES-2694 - Z2IO: Rebooting repeatedly causing driver to generate excessive network traffic.

DC-2821 - Composer Crash upon connecting to project

DC-2776 - Composer prompts to renew registration but does nothing when 'Yes' is clicked.

DC-2748 - Project corruption when loading a specific project into virtual director

DC-2747 - Unable to back up project and receiving the error "Data at the root level is invalid. Line 1, position 1."

DC-2711 - Unable to migrate from EA-5 to CA-10

DC-2708 - Sometimes no nodes under ZigBee Routing tree

DC-2701 - Unable to connect to virtual director a second time after disconnecting from the first initial connection.

DC-2692 - SSDP identify in Connections > Network no longer supports drag-and-drop

DC-2684 - Identity database restore removes local users

DC-2633 - Composer crash on legacy lighting scenes agent (Exception: System.ArgumentException)

DC-2631 - Got an "Identification not allowed" the first time trying to identify Zigbee device

DC-2625 - Composer Express (iOS) - Unable to see the status bar if enabled the Dark Mode feature

DC-2620 - Composer Express, dropdown highlight is a few pixels off

DC-2616 - Composer Express - Under add common devices, the list doesn't reposition after collapsing the last few tabs and you prevents from scrolling up.

DC-2562 - Zigbee mesh routing tree does not show all nodes under each mesh

DC-2543 - Large projects fail to pull all Zserver information causing ZigBee communication to be delayed or devices to not ID.

DC-2534 - Composer Pro fatal error (Turkish Language)

DC-2508 - Composer Pro: Locks up for 20-30 seconds while searching inside the programming area on a remote connection.

DC-2256 - Adding a ThermostatV2 to a project can cause Composer to call GetVariablesByDevice hundreds of times

DC-2111 - Composer Express (iOS) - Black box border appears on the screen when opening a picker.

DC-1856 - Composer Express: App displays "Disconnected" dialog when initially connecting to a controller.

CS-8526 - Project restore with the backup agent does not restore any identity agent users.

CORE-3547 - Wired keypad LEDs are slow to update.

CORE-3509 - The EA secondary onscreen network information references the primary controller IP address and not the secondary controller IP address.

CORE-3420 - Uploading drivers to virtual broker intermittently fails

CORE-3411 - Stack trace logs do not rotate, filling up /var

CORE-3395 - Director has periods of inactivity when the internet is disconnected

CORE-3393 - While updating to 3.1.1, an error is received while connecting with Composer Pro. Error: "Could not connect to director 'IP'"

CORE-3330 - Director crash due to "FATAL: Handling SIGSEGV(11)" and the lighting scenes disappear once director is reloaded.

CORE-3323 - T3 touch screen time will not reset to match directors

CORE-3317 - T3 touch screen is stuck in a connecting loop and receives the error: "NotFoundException: Credentials not available"

CORE-3302 - Orphaned device ID on a recently cleared project is causing an exception loop in navigator.log

CORE-3296 - Director randomly crashing in the Identity Agent.

CORE-3287 - Zigbee lighting stops responding after site loses internet connection

CORE-3225 - Push notifications no longer appear as a "then" in the When >> Then interface.

CORE-3220 - Composer Pro - Scheduler Agent is not populating

CORE-3207 - Driver should always lock interlock feature if Centralized Lighting V2 is commissioned in project

CORE-3183 - Filtering on favorites results changes order of favorites

CORE-3128 - On an EA controller, director is disabling itself.

CORE-3103 - HC800 driver still has popup, status message, screen saver, and bookmark actions in OS 3

CORE-3102 - Wired KP UP/Down button LED doesn't turn off in 3.1

CORE-3042 - Onscreen is unable to connect

CORE-1942 - 4K switch: SDDP notify alive is being sent out every second.

COMM-1367 - Intercom: 'All' group call on T3 connecting and ringing mobile phone

CI-12173 - Wrong Experiences showing on a T3 touch screen after pressing the home button.

CI-11924 - The onscreen return to home button does not return to home.

CI-11923 - Onscreen freezes when changing return to home settings.

CI-11712 - T3 touch screens slow to load cameras

CI-11633 - Artwork from Sonos doesn't show during Screen Saver (media or custom) on T3 touch screen and onscreen display.

CI-11619 - Watch Source artwork doesn't show on Screen Saver

CI-11319 - On Screen Navigator is slow to respond when internet connection is lost

CI-9892 - The thermostat changing from Fahrenheit to Celsius (vice versa) causes the current temperature indicator to be in an incorrect position.

CI-9854 - The whole image for thumbnails is not being displayed on the on-screen display.

CI-9699 - Security panel chime on zone open does not chime

CI-9639 - Focus is not displayed when selecting camera favorite within the on-screen display.

CI-9455 - "Check-in time for updates" always in 12-hour clock

CI-8656 - Wake/Sleep: Subcategories under Station, Source, Lights, Ramp Rate, and Shades remain white when Media/Lighting/Shades is turned off.

CI-8428 - On-Screen Display: Camera grid view is not initialized when exiting Camera view.

CI-7620 - On-Screen Display: Getting the error "Control4 isn't responding. Do you want to close it?"

CI-6591 - A white "House" icon flashes on the right side of the list when switching buildings.

CI-6303 - "Clear Favorites" options in Identity & UI Configuration agent are redundant

CI-3886 - T3 touch screen: Camera view is sluggish when scrolling

AV-5100 - All sources selected from listen automatically create Media Scenes

AV-5056 - My Movies: Media player is not selected as the source in the room when a movie is selected

AV-5021 - LU Matrix rooms are being controlled together

AV-5018 - Sessions page is not showing active sessions

AV-4893 - Announcements are not ramping volume nicely and the returned stream is briefly at the higher announcement volume level.

AV-4885 - Sonos global input driver does not switch in OS3

AV-4876 - Internet Radio: Unable to add stream error

5 Life Cycle Changes

Composer Media Edition has been discontinued for OS 3.1.1 and newer. This is related to the security changes to eliminate the default password. Homeowners who require this functionality can work with their dealer to get Composer Home Edition.

The System Manager Web interface found when navigating to the Controller's IP address in a browser has been discontinued because it also relied on the default system password. Dealers can use the System Manager that ships with Composer Pro, found in same directory as the Composer Pro executable, or from within Composer Pro by going Tools > System Manager.

The standalone app for Network Tools has been sunset since it also relied on the default system password. All the same information is found in Composer Pro > Connections > Network.

5.1 Upgrade Path

To upgrade to OS 3.1.2, current Control4 systems must be OS 2.9.0 or higher.

6 Software Product Release Versions

Control4 software releases (since 3.x)		
Release 3.0.x		
Tuesday, May 22, 2019	3.0.0.562835-res	Initial Release – New user experience and Composer enhancements.
	3.0.0.563304 -res	Maintenance Release that supersedes the previous 3.0.0.562835-res version
Release 3.1.x		
Wednesday, September 11, 2019	3.1.0.566775-res	Initial Release – CA-10, Google Assistant, Composer Pro version independence, Intercom Anywhere expansion, OSD lighting, Sessions, pinch and zoom on Android
Tuesday, September 17, 2019	3.1.1.569774-res	Maintenance Release – Security update with default password removal. OSD room change.
Wednesday, March 4, 2020	3.1.2.571828-res	Maintenance Release – Faster camera snapshots, and defect fixes.

7 Technical Support Contact Information

If you encounter any issues during or following the update, or if you have any questions, please contact Control4 Technical Support for assistance.

USA	(888) 400-4072
UK	+44 1347 300001
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About Control4

Control4, a leading provider of the operating system for the smart home, delivers intelligent control of consumer electronics products, appliances and networking systems through an easy-to-use and intuitive software interface. Founded in 2003, the company delivers affordable automation and control of lighting, music, video, HVAC, security, and energy management systems to the broad market through more than 1,600 custom integrators, retail outlets, and distributors in over 65 countries. Control4 is the platform of choice for major consumer electronics companies, hotels, businesses and utilities that require an intelligent, open and affordable control solution. For more information, visit www.control4.com.

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