



Control4 Smart Home
OS 3.3.1 Release Notes



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1 Introduction

The Control4 Smart Home OS 3.3.1 release supports version two of Z-Wave with added security. This update also offers recently played capabilities on all your devices, which allows quicker access to your recently played audio. We have also added new enhanced UI for lighting scenarios, color gamut improvements, as well as a new selection of default wallpapers.

Note: OS 3.3.0 is the last supported version for the HC-800. It cannot be updated to OS 3.3.1.

2 Z-Wave S2 on CORE 3 and CORE 5



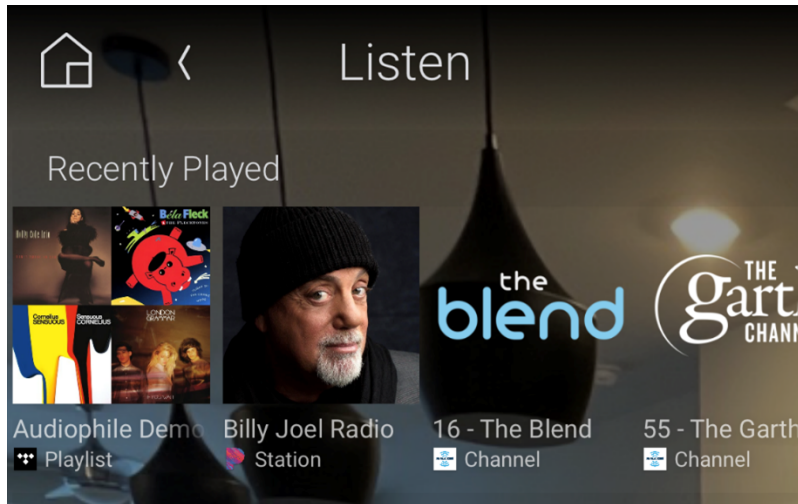
The CORE 3 and CORE 5 controllers, added in OS 3.3.0, come with a built-in Z-Wave chip that is supported in OS 3.3.1. The dongle-based solution on the EA controllers will continue to function on OS 3.3.1 on EA controllers but will not have the added capabilities of the Z-Wave S2 device support that comes built-in with the CORE controllers. The onboard radio uses the newest Silicon Labs 700 series chipset, allowing for greater transmit power and receive sensitivity, resulting in improved RF performance. The implementation is Z-Wave S2 compliant, which supports device specific key (DSK) based authentication, ECDH-based key exchange, and AES-128 encryption that are requirements of newer Z-Wave S2 devices such as door locks.

Note: The CORE 1 controller does not support Z-Wave.

You can only run one Z-Wave mesh at a time. If you have an existing Z-Wave network running on an EA controller with the USB dongle and you switch to using Z-Wave on a CORE controller, your devices running on the old dongle will no longer function until they are manually unidentified and reidentified in the new mesh. Whichever controller is selected on the Z-Wave configuration tab is the one you use to identify, remove, or perform functions. Watch [this Smart Skill](#) in the Tech Community to learn more about migrating Z-Wave devices.

3 Recently Played

This new feature enables easier and faster access to music by prominently displaying stations, tracks, playlists, and albums that were recently played in mobile app and touchscreen navigators on the Listen page.



Much like the rest of a Control4 system, Recently Played items are organized by the room in the project. For instance, the recently played list in the Kitchen shows only the last 20 items which have played in the Kitchen. A logged item will show the cover art, the name of the item, the streaming service driver icon, as well the content type.

Any project running OS 3.3.1 automatically installs the Recently Played Manager agent upon boot, and the agent is enabled by default. The agent may be disabled by selecting Agents – Recently Played Manager – Agent Enabled – Off.

To clear the history, select the **Actions** tab and click **Clear History** to delete all logged data.

3.1 Supported Services

The following services are supported (with the minimum version required as noted):

- Amazon Music (v70)
- Audacy (v24)
- Deezer (v147)
- iHeartRadio (v73)
- My Music DLNA (v146)
- Napster (v109)
- Pandora (v33)
- QoBuz (v23)
- SiriusXM (v107)
- SoundMachine (v39)
- TIDAL (v160)
- TuneIn (v130)

3.2 Unsupported Services

Spotify Connect: Due to the nature of Spotify Connect being a casting protocol with audio initiated from the Spotify app, we do not receive enough information to log played items

ShairBridge: Like Spotify connect, we do not receive sufficient data to accurately log played items.

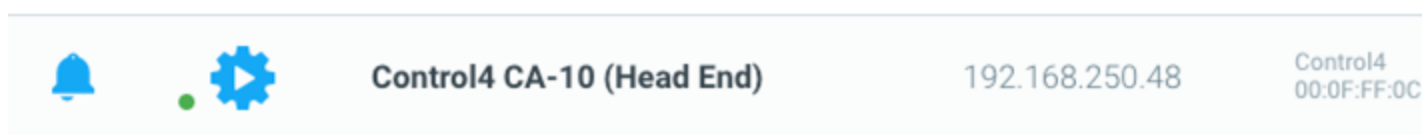
My Music: The My Music driver for local content does not support Recently Played. We recommend using My Music DLNA if using a NAS drive.

Pandora (Legacy, OS2): The legacy Pandora driver(pandora.c4z) is not supported by Recently Played. Only the new Pandora driver(pandora-premium.c4z) will work with Recently Played, which also supports free Pandora accounts.

Non-Streaming Audio Devices: CD Players, Turntables, Bluetooth Adaptors, etc.

4 OS Updates through OvrC

To promote OS updates being done more frequently and to simplify the process, we have added the ability to perform an OS update using OvrC. Any EA, CA, or CORE controller running OS 3.2.2 or higher can be claimed as an OvrC Pro agent in OvrC (app.ovrc.com). Once the controller is claimed in OvrC, the OS version is tracked like firmware is for other OvrC enabled devices. When an updated version is released, updates can be performed remotely using either the desktop or mobile application.

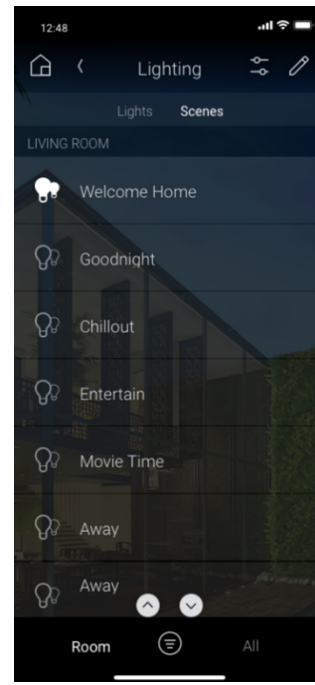
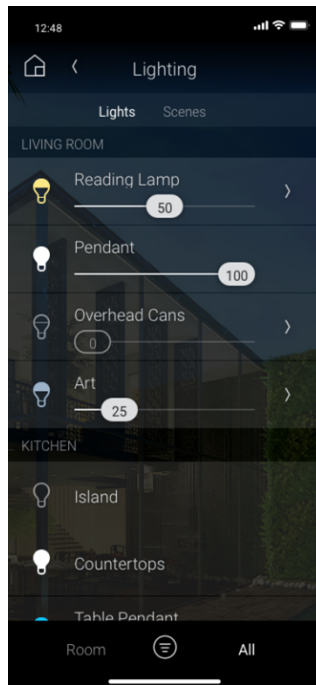


As part of this, a cloud backup is performed for the project (up to 10 backups will be stored in the customer account for all projects) should anything need to be reverted.

Note: Updates done through OvrC are for the OS only. Drivers are not updated as part of this process at this time. To perform driver updates, please connect using Composer Pro.

5 Improved Lighting Experience

After the release of colored lighting, we received feedback that color and presets were difficult to find. Upon further discussions, it became apparent that we needed to involve end-customers in testing our designs much earlier to ensure ease of use. Going through lighting with this group highlighted that customers didn't understand the long press and preferred icons at the beginning of the line. These minor changes quickly improved the overall lighting experience. The long press is still available for quick access to presets alongside the new icon to get to the color wheel. The first set of UI changes will be delivered with OS 3.3.1 for lighting.



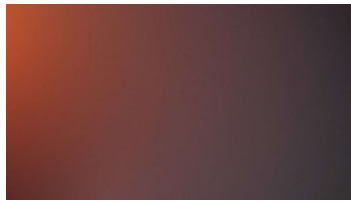
6 Color Gamut Improvement in OS 3.3.1

OS 3.3.1 now uses a larger default gamut for Hue/Saturation and for RGB color conversion to chromaticity. The enhanced gamut allows the Control4 user to select more colors than they could with OS 3.3.0. Simply stated, the reddest red will be redder, the greenest green will be greener, and the bluest blue will be bluer for devices that support colors outside of the sRGB gamut.

Color presets defined using Hue/continue to use the same Hue/Saturation values as originally defined. If the preset was created in OS 3.3.0, it may appear to be more saturated (deeper color) than it was in OS 3.3.0. In many cases, this may be desirable. However, if this is not desired, you can create a new preset or edit the existing preset to reduce the saturation.

7 Default Wallpapers for OS 3.3.1

Beginning with OS 3.3.1, a vibrant blue wallpaper is the new default for Control4 interfaces along with two additional vibrant wallpapers.



Note: This change impacts only the default gray wallpaper. This has no impact on any selected wallpapers.

8 Firmware Changes

There are no new firmware changes.

9 Life Cycle Changes

The HC800 will no longer be supported from OS 3.3.1 onward. It must be removed from your project before upgrading to OS 3.3.1.

10 Upgrade Path

To upgrade to OS 3.3.1, current Control4 systems must be OS 2.10.0 or higher.

11 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.
Friday, June 11, 2019	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.
Wednesday, May 27, 2020	3.1.3.574826-res	Maintenance Release – Access agent, Composer package management structure changes, component updates for OSD and T3, and defect fixes.
Release 3.2.x		
Tuesday, October 13, 2020	3.2.0.586513-res	Full Release – Video doorbell, Control4 OS 3 Mobile App with Intercom, History View, SR-260 volume feedback, Driver add Driver SDK
Monday, December 7, 2020	3.2.1.589103	Maintenance Release – Support for the T4 touchscreens and defect fixes.
Wednesday, March 24, 2021	3.2.1.593279-res	Maintenance Release – T4 touch screen backlight adjustment
Tuesday, May 25, 2021	3.2.2.598005-res	Maintenance Release – OvrC Pro on controllers, Ambient Light Sensor source and followers, Centralized Lighting and Gateway security, Zigbee Health, Device Logs, Access Agent support for thermostat schedule and presets
Wednesday, September 22, 2021	3.2.3.606460-res	Maintenance Release – Commercial for Restaurants and Sports Bars (public beta), EQ Controls, Driver Search, Connection Filters, Feedback Menu, Productivity Folder, Lighting Keypad Widget, Dynamic AV Buttons, Night Mode, and Hebrew Language.
Thursday, December 2, 2021	3.2.4.612716-res	Maintenance Release – MultiDisplay Manager Release and defect fixes
Wednesday, June 8, 2022	3.3.0.628678-res	Full Release – Core Controllers, Color Lighting, Remote Connection Screen, and Zigbee Configuration Change
Wednesday, September 28, 2022	3.3.1.639488-res	Maintenance Release – Version 2 of Z-wave, Recently Played, Lighting Scenarios, Color Gamut, Default Wallpapers

12 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.

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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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Libertas Firmware copyright statement for Touch Screens 6/26/09

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