HDANYWHERE CEC FOR CRESTRON HOME

Revision: 2.0
Date: 01 June 2026

SUPPORTED INSTALLATION

This is a Crestron Home driver for Crestron Home processors.

DESCRIPTION

The driver provides some control of connected devices using UControl commands over CEC. It supports the sending of UControl commands as well as custom CEC commands to HDANYWHERE devices.

INSTALLATION

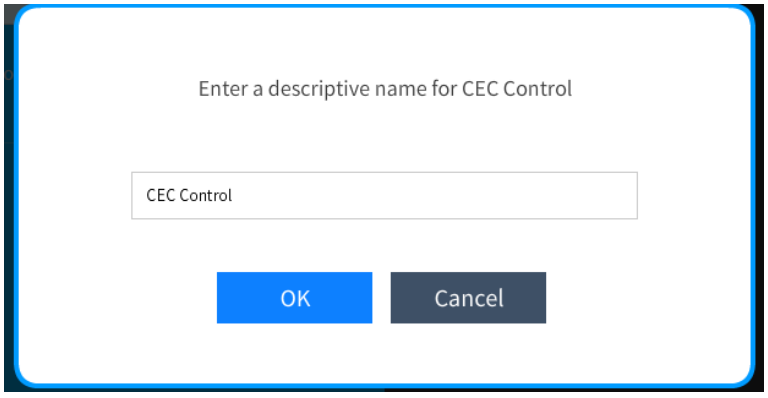
The driver can be found under:

Drivers > Custom Device > HDANYWHERE

Adding the Driver

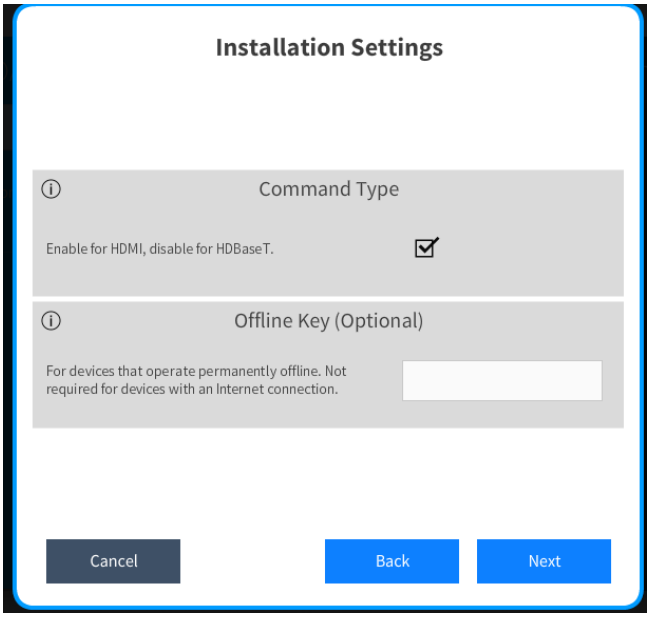
Ensure a room is selected, and then click on the '+' against the appropriate device.

You will be asked to provide a descriptive name – this can be anything you wish.



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The driver is licenced via the cloud, but an optional "offline" key can be requested under special circumstances. Please FIRST refer to the "Licensing" section below and then contact support@ultamation.com if you REQUIRE offline activation. The same offline key can be used for multiple driver instances in the same system.



If you do not have a cloud licence and do not enter a valid offline licence key, the system will function for ONE hour and then control will be suspended. The offline licence key can be entered at any time after initial setup without having to reconfigure each tile.

You will also be asked whether you wish to deliver commands over HDMI or HDBaseT. By default, this is ticked, so leave it ticked if you are using HDMI or untick it if you are using HDBaseT.

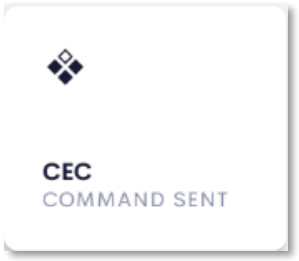
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TILE

The driver implements a tile that shows basic information about the status of the driver. It shows the user-input name of the device, and a line showing the status of the most recent command.



1: Ready to Send Command



2: Command Sent Successfully



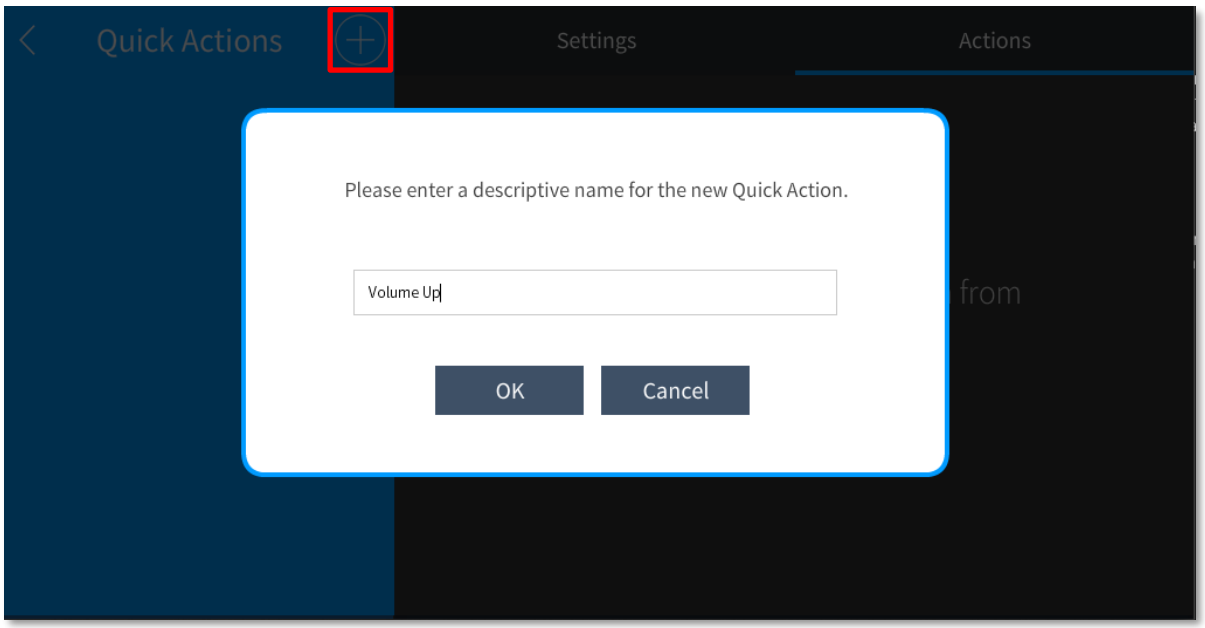
3. Command Failed

If the command fails due to a timeout, it will say 'Timed Out' on the tile, and if it fails for some other reason, it will display the HTTP response code from the failed request.

There are some unsupported commands that can be sent, but will not be executed. If this happens, the tile will display "Not Executed". If you see this and think you shouldn't, double check that you have input the command correctly, and that the command is supported.

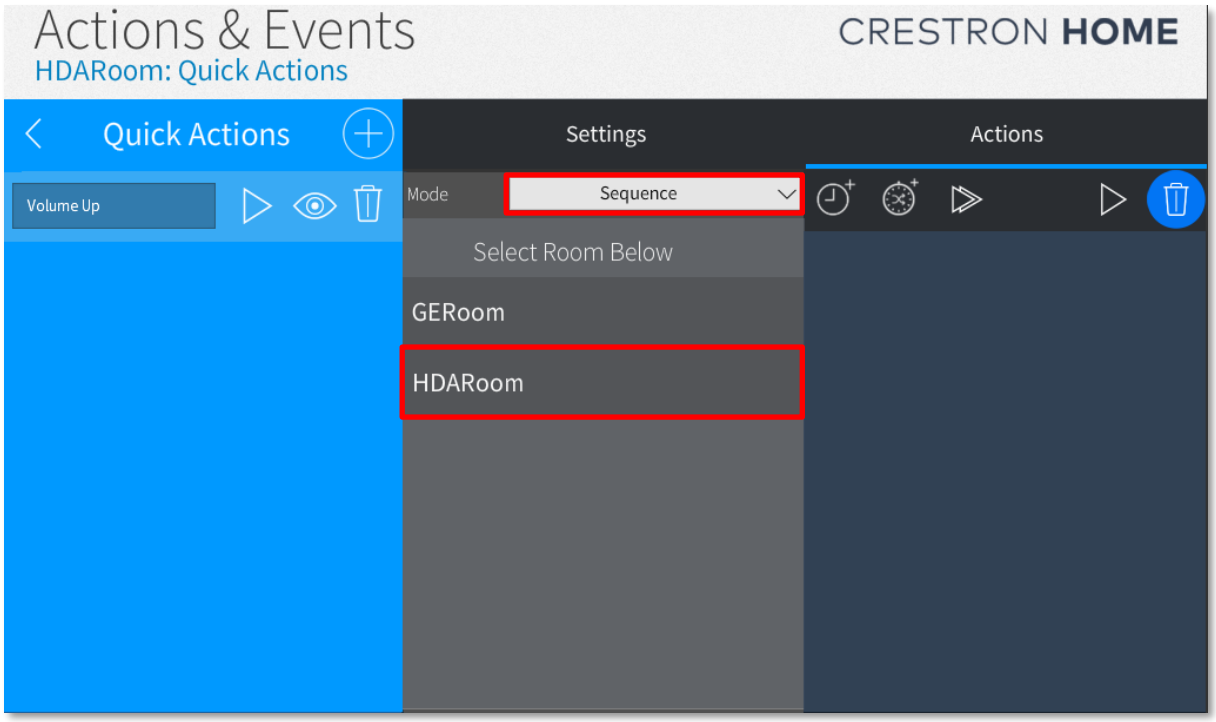
EXAMPLE

To create a custom quick action that sends a command of your choosing, start by navigating to the 'Actions & Events' page in Crestron Home setup, and press the '+'. You will be prompted to name the quick action. In this example, we will name it 'Volume up'.



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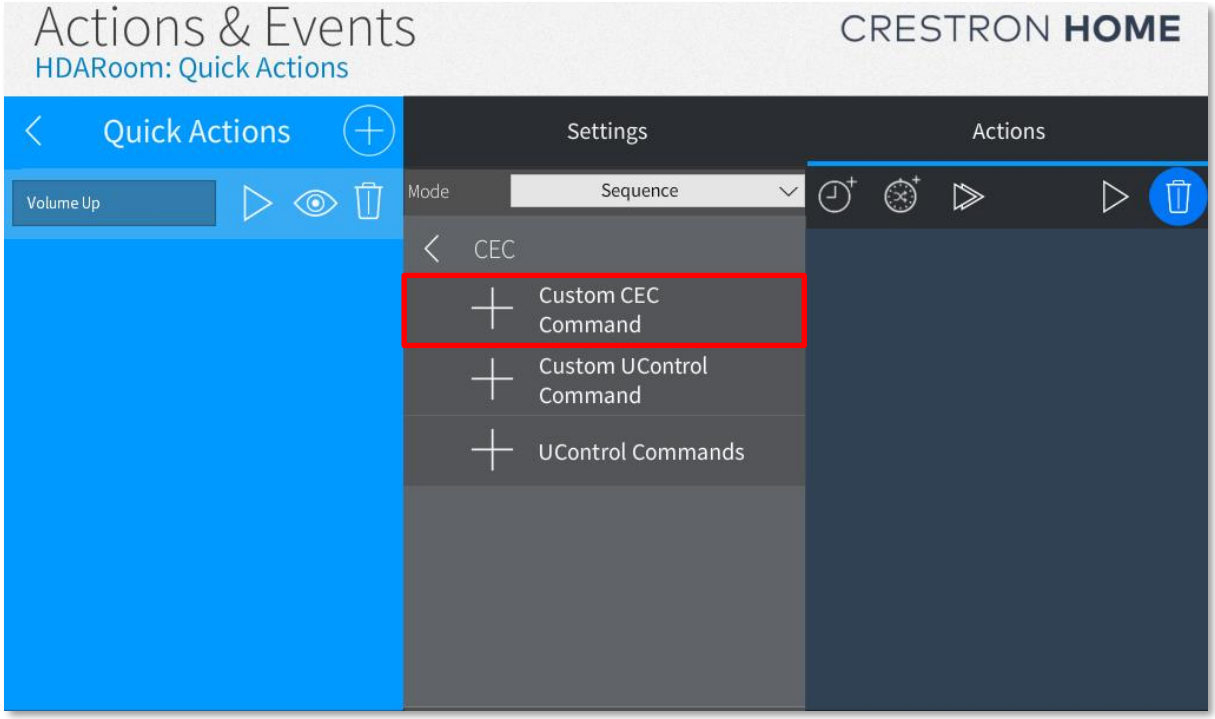
Next, under mode select 'Sequence', and in the list of rooms select the room with the HDAnywhere device, then select the folder with the name of the HDANYWHERE device.



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Custom CEC Command

First we will show the creation of a custom CEC command. Press the '+' next to 'Custom CEC Command'.

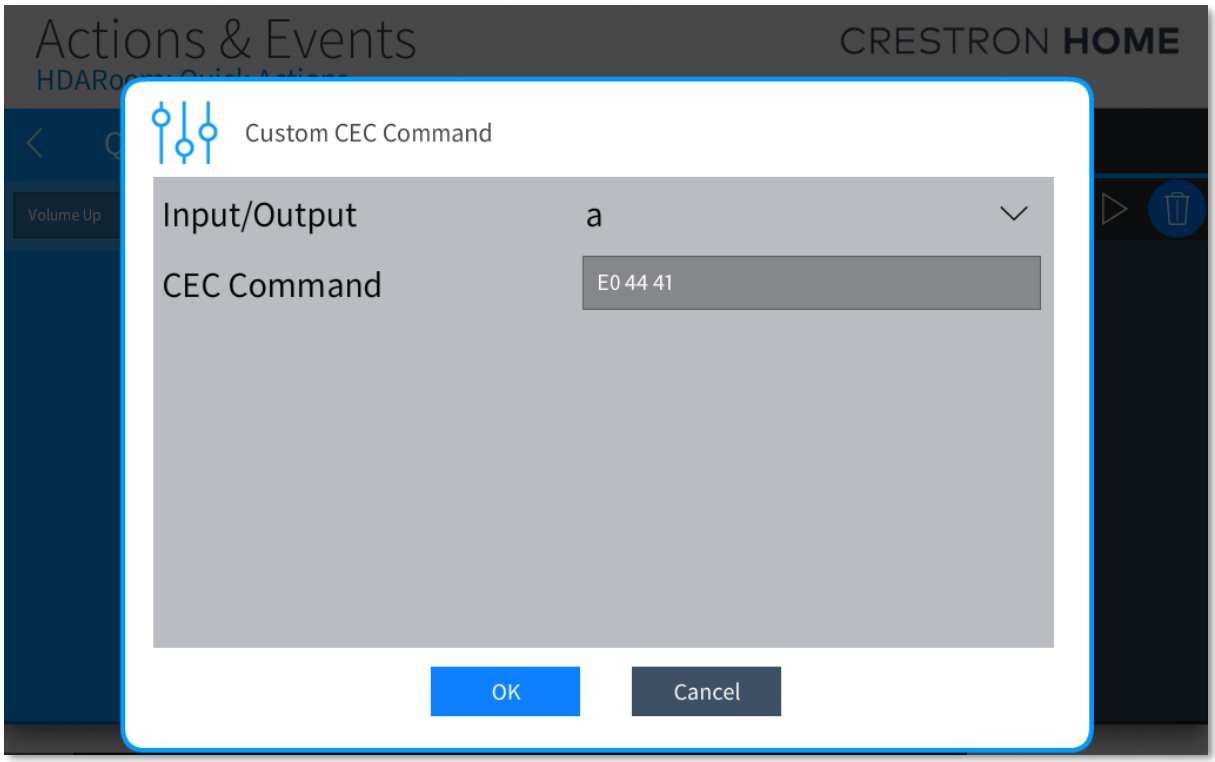


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This will bring up a menu with two fields, a dropdown list for Input/Output ID and a text field for the CEC command. For the first field, select from the dropdown list the ID corresponding to the input or output you want to send the command to.

For the second field, you can input the command. You can input any CEC command in any accepted CEC command format.

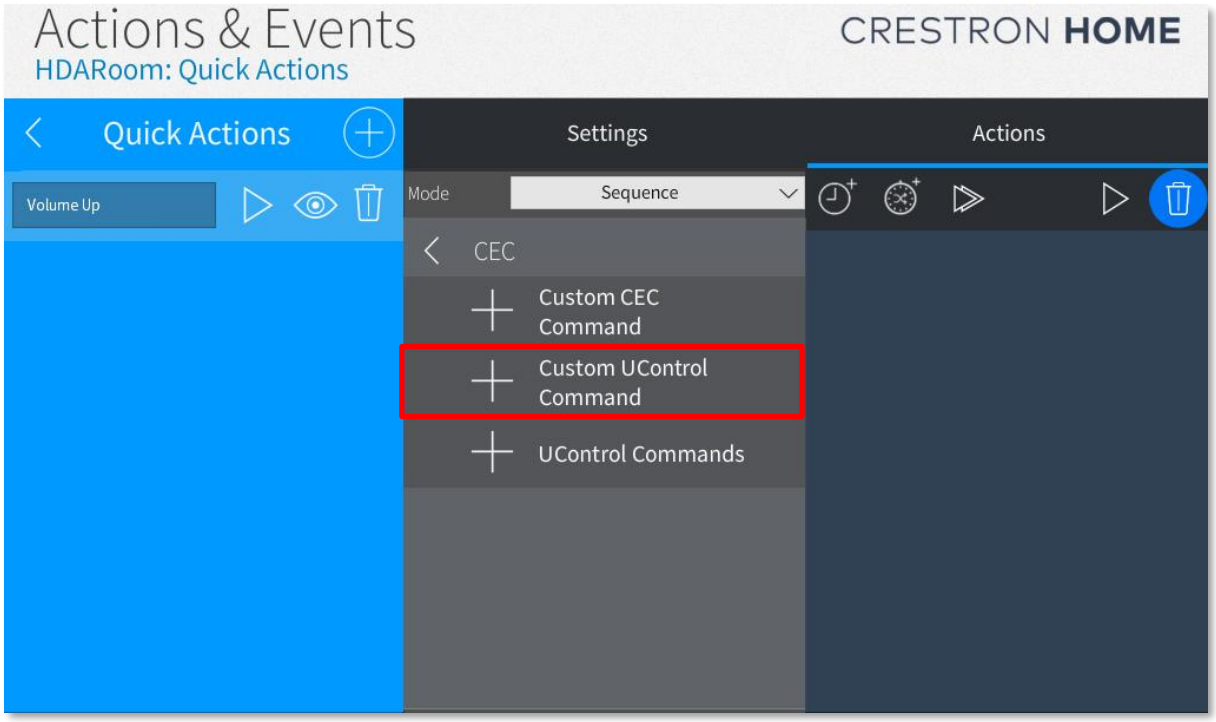
CEC commands consist of a series of pairs. The first pair being the source and destination devices, the second pair being the CEC command, and any subsequent pairs being arguments for that command. There are multiple common formats for these commands (e.g. E0 44 41 / E0:44:41), but this module supports any of these common formats. CEC-O-MATIC (https://www.cec-o-matic.com/) is a useful website for discovering CEC commands for actions you wish to do, but these can vary per manufacturer/model as they are inherently non-standard, so may require experimenting to discover the correct command. For this example, we will use 'E0 44 41' (Volume up).



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Custom UControl Command

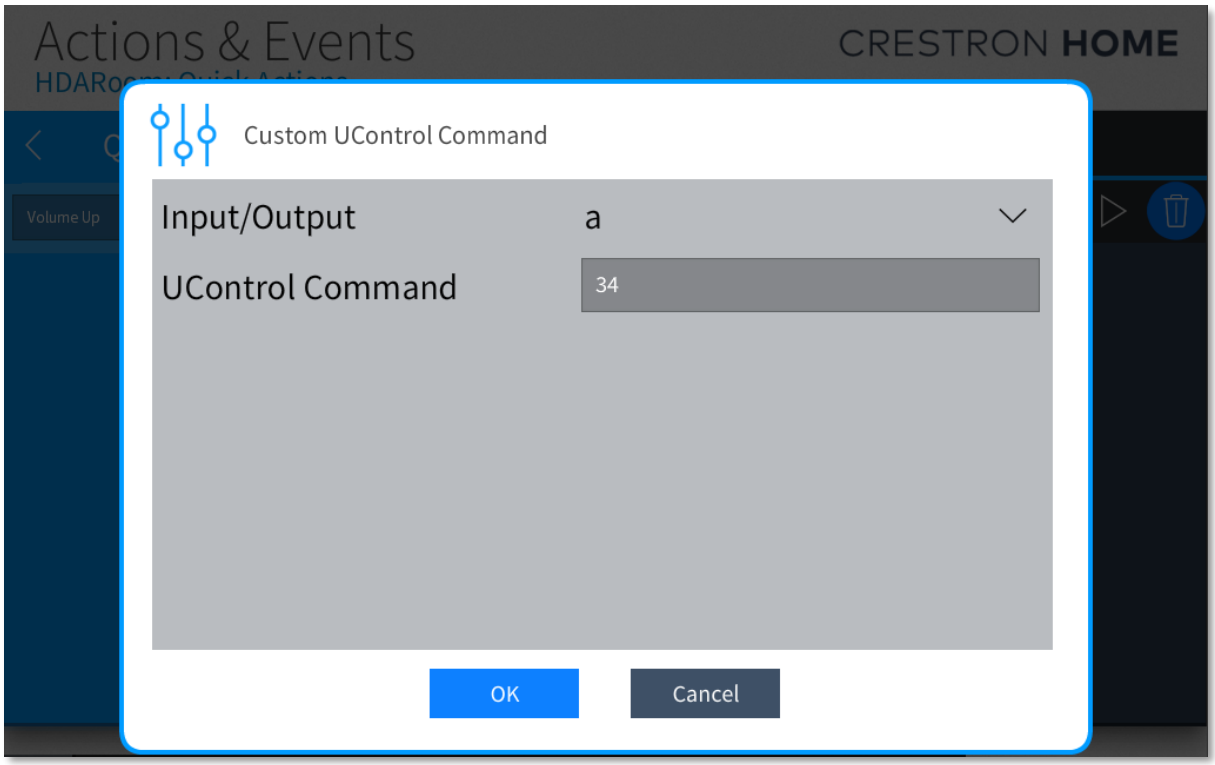
Next we will show the creation of a custom UControl command. First, you must have setup the CEC command pack in the UControl app. Then, you can press the '+' next to 'Custom UControl Command'.



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This will bring up a menu with two fields. The first is a dropdown box where you can select the Input/Output port ID.

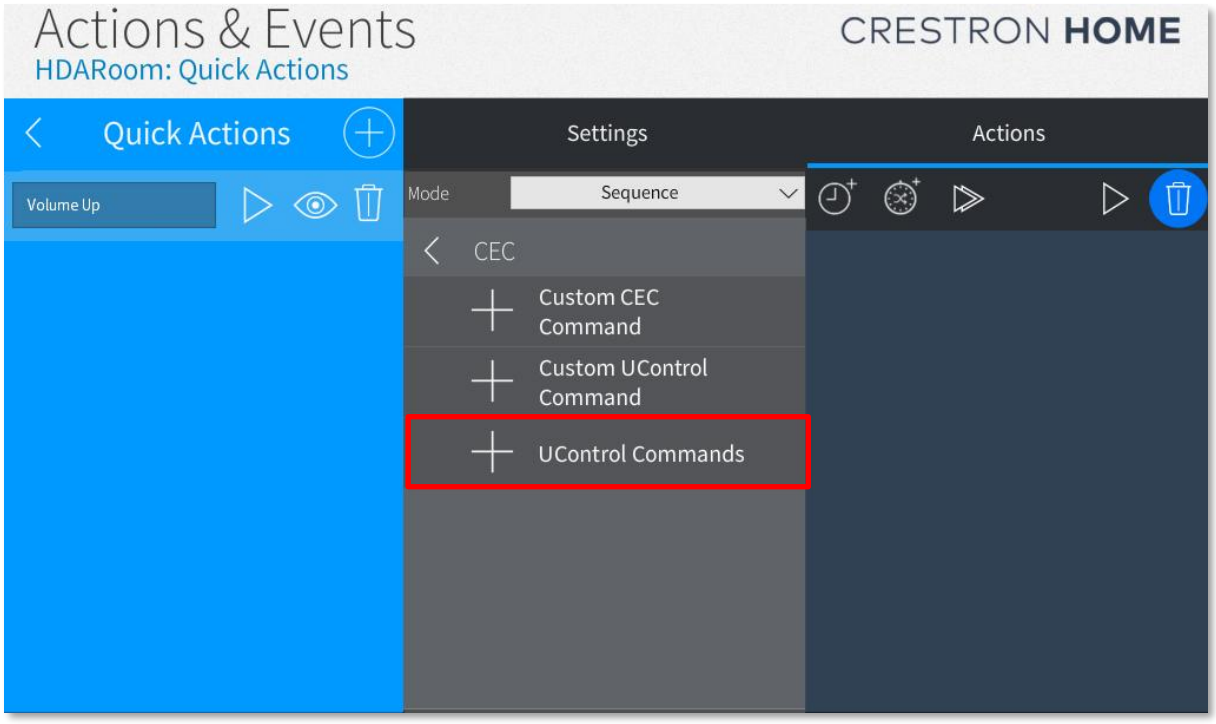
The second is a text field where you can input any integer corresponding to a UControl command. These codes are defined by HDANYWHERE. A list of their currently supported codes, along with info for whether each code is supported over CEC, is available in their API documentation (https://cloud.hdanywhere.com/docs/api/hda_api.pdf). For this example, we would input 34 as that is the UControl command for increasing the volume.



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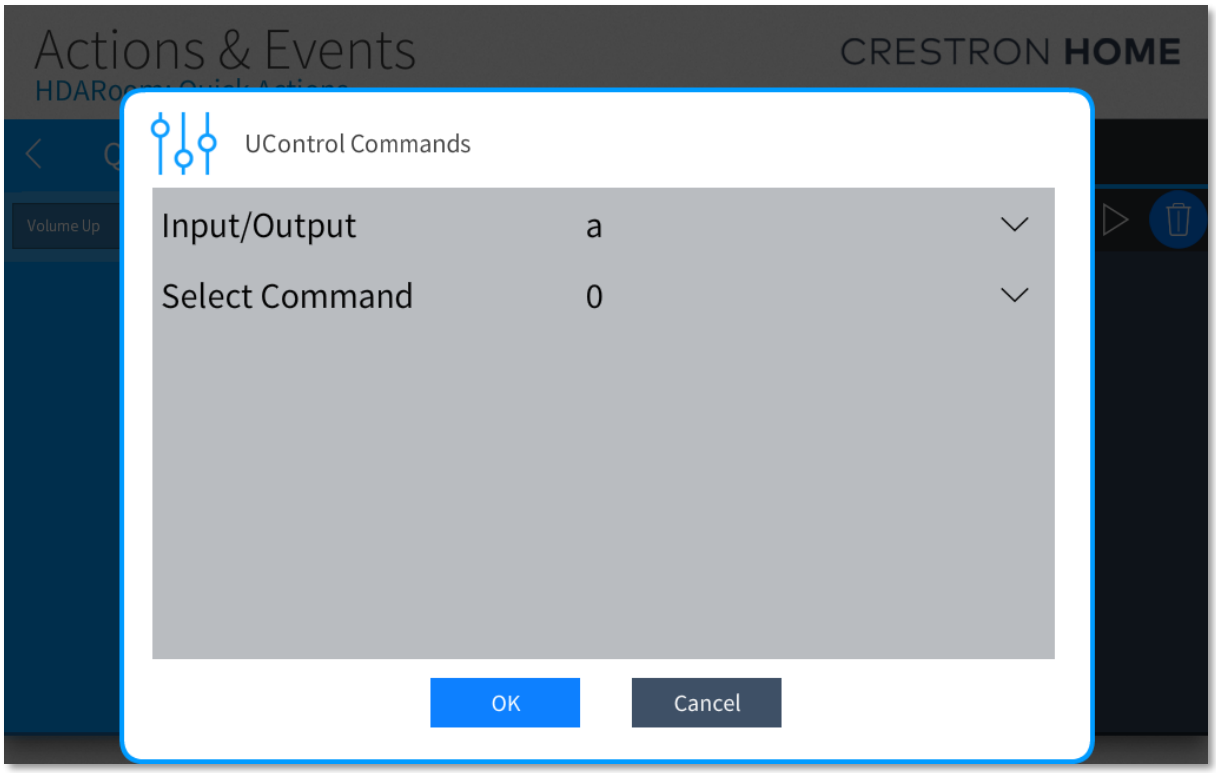
Predefined UControl Command

Next we will show the creation of a command using the predefined set of UControl commands. First, you must have set up the CEC command pack in the UControl app. Then, you can press the '+' next to 'UControl Commands'.



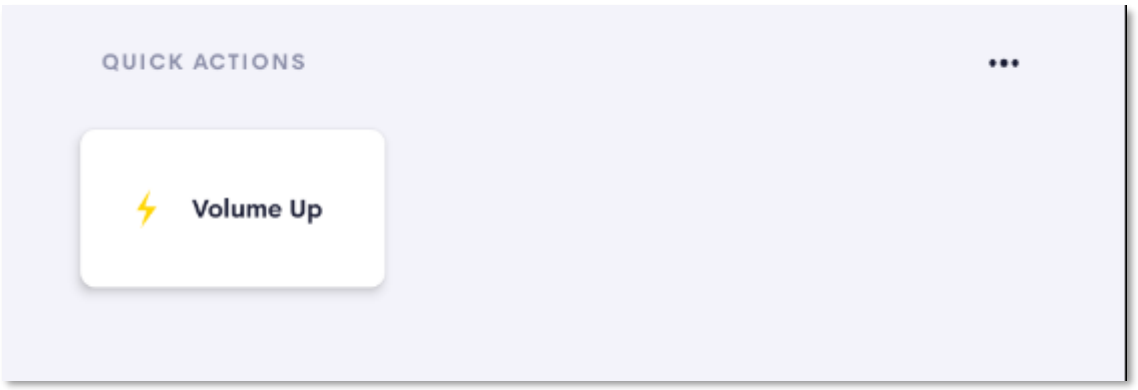
This will bring up a menu with two dropdown lists. The first is where you can select the input/output port ID. The second is a predefined list of 60 UControl commands. You can simply select the command you wish to execute from this list.

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After pressing OK, you have created the quick action, which should now be available in Crestron Home.



Pressing this button in Crestron Home will now attempt to send the command you input earlier to the HDAnywhere device. You can also use the predefined list of UControl commands included in the driver without having to input any command.

Remember that CEC commands are not standardised across manufacturers. Whether a CEC command works is dependent on the device being used, and so you will find varying success with each command. The command should successfully execute on any device, whether it is an input or output, as long as the device supports the command. Also, the predefined list of UControl commands are not all currently supported over CEC, so you may see varying success with those, too.

Refer to HDANYWHERE for more info on their support for CEC.

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SUPPORT

If you have any issues with an integration solution please let us know by contacting Ultamation support on support@ultamation.com and please include as much detail about your issue as possible, such as a recent processor error log.

Licence verification messages are posted to the error log, so please ensure you have checked this.

LICENCING

This integration solution (including software, images and all other associated assets distributed as part of the purchased download package) is licenced on a PER PROCESSOR basis.

A purchase should not be completed without correct information as refunds cannot be issued for errors or changes made to details following purchase.

This is an electronic product and there is no physical delivery.

The integration solution is provided without any warranty with respect to the reliability of the controlled device or changes to device protocol. We will endeavour, through best efforts, to maintain the integration solution's functionality and any bug fixes will be provided free-of-charge. Additional functionality may be released as a variation of this integration solution and this will be a separate, purchasable, product.

CLOUD LICENCE

This integration solution contacts Ultamation's licencing server at startup. If the server finds a matching licence for the integration solution and processor then the integration solution will be licenced. Otherwise, the integration solution will check the offline licence key. If you purchase a licence **after** you have loaded the integration solution, please reboot the system to see changes take effect.

If you purchased a licence **before** it was migrated to the cloud service, i.e. you have a licence key already, you must enter this into the **Offline Key** user attribute. If you purchased the integration solution **after** it was migrated, and you don't have a licence key, no further action is required.

If no licence exists for the product/processor the integration solution will enter a short trial period (ONE HOUR) to allow for verification of correct control or evaluation.

To request an OFFLINE key, please contact support@ultamation.com with your order details and a brief explanation why you REQUIRE offline activation. Ultamation reserve the right to refuse offline activation.

NOTE: Once an offline key has been issued no further licence changes will be granted. Moving the integration solution to a new processor will require an additional licence purchase.

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