

SIMPL WRAPPER FOR STORM AUDIO PROCESSORS

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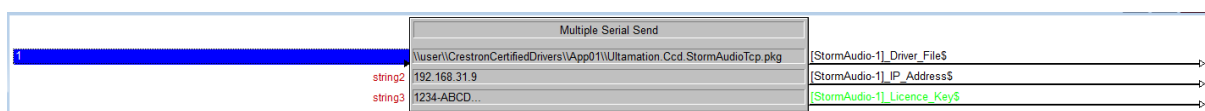
WRAPPING THE CRESTRON HOME DRIVER

An example SIMPL program has been included with this document, which shows how the Storm Audio Crestron Home Driver can be used in a SIMPL program with the "Crestron Certified Drivers AV Receiver Ethernet v2.1 (cm)" module.

SETUP

The Ultamation.Ccd.StormAudioTcp.pkg file needs to be loaded onto the processor. In this example it has been loaded into \\user\\CrestronCertifiedDrivers\\App01. Another common location is nvram.

- Ensure to *not* load it into a program folder as this will be overwritten when a program is loaded into that slot.
- Ensure that the path to the pkg file is inputted to DriverFile input on the module and that the file is named correctly. Here it is named "Ultamation.Ccd.StormAudioTcp.pkg". A copy of this pkg file should be included in the zip file for this Wrapper Example.
- Ensure that the IP_Address is correctly set to point to your Storm Audio Processor.
- Enter the Licence Key you've received via email when you purchased the Crestron Home Driver from the [shop](#). The driver will enter a 1 hour trial period if this Licence Key is invalid.



The driver is loaded by pulsing the LoadDriver input. The licence key will also need to be set (UserAttribute_1_StringValue) and then sent (UserAttribute_1_SendItIn).



The Connect input must be pulsed to connect the driver to the AV receiver. In the example program, the DriverLoaded output is used to trigger the Connect and UserAttribute_SendItIn inputs.

TABLE OF USER ATTRIBUTES

Name	Data Type	Default Value	Description
Licence Key	String	1234-ABCD...	This is the key that is emailed to you when you purchase the module on https://shop.ultamation.com Any string value can be added into the field to trigger the trial mode.

TABLE OF AUDIO INPUTS

Audio Input (SIMPL Windows)	Corresponding StormAudio Input
Input 1	HDMI 1
Input 2	HDMI 2
Input 3	HDMI 3
Input 4	HDMI 4
Input 5	HDMI 5
Input 6	HDMI 6
Input 7	HDMI 7
Input 8	HDMI 8
Input 9	Coax 4
Input 10	Coax 5
Input 11	Coax 6
Input 12	Optical 1
Input 13	Optical 2
Input 14	Optical 3
Input 15	Stereo 1
Input 16	Stereo 2
Input 17	Stereo 3
Input 18	Stereo 4
Input 19	ARC/eARC

TROUBLESHOOTING








The log output from the driver can retrieved with the following signals.



MODULE DESCRIPTION

The Storm Audio Processor module supports the following functionality:

- 🌐 IP connection (static address required)
- 🌐 Discrete Power Control

-  Power Feedback
-  Discrete Input Selection
-  Input Feedback
-  Discrete Volume Control
-  Volume Feedback
-  Discrete Mute Control
-  Mute State Feedback

Even though the unit may support additional functionality, this may not be exposed within Crestron. Manufacturers should contact Ultamation on support@ultamation.com if they want additional feature support.

SUPPORT

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

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

LICENCE

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

A licence key is generated at the point of purchase and is linked at that time to specific information that MUST be provided at the time of purchase. A purchase should not be completed without correct information as refunds cannot be issued for errors or changes made to details following purchase.

The licence key for each device will be delivered via email along with links to download the module. There is no physical delivery.

The module 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 module's functionality and any bug fixes will be provided free-of-charge. Additional functionality may be released as a variation of this module and this will be a separate, purchasable, product.