DIGITAL AUTOMATION

Design • Develop • Implement

Atlona AV HDMI Switcher

Crestron Home™ Driver

www.digitalautomation.us

Thank you for downloading the
Crestron Home™ Driver.

If you have any questions don't hesitate
to contact us, we are happy to help.

Contact us
drivers@digitalautomation.us

Visit us
www.digitalautomation.us

Index

Atlona AV - Driver Summary 3

How to Sideload the driver to Crestron Home™ 4

Setup Instructions 5

Release notes 13

Driver Summary

This Atlona AV switcher driver manages the communication to the HDMI Matrix Switcher via TCP/IP. You will be able to assign existing sources to the AV inputs and existing room displays to the Atlona AV outputs. The Crestron Home™ framework will automatically switch the sources to the corresponding displays upon request based on the assignment configuration.

In order to properly use this driver, the video switcher hardware will have to be configured to work without a required login or password.

This driver comes with a 2-hour trial license. You can purchase a full license at **https://digitalautomation.us/product/atlona-av-switcher-crestron-home-driver**

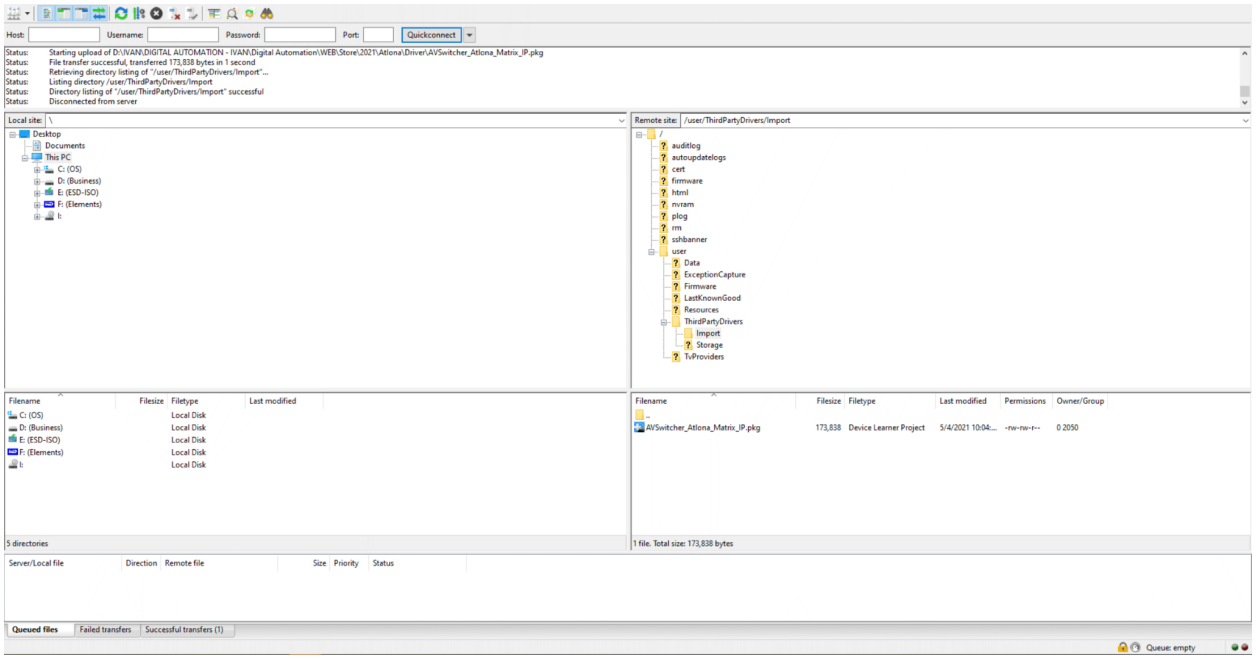
Note: As with any driver, It is strongly recommended that a configuration or a golden configuration be saved in Crestron Home™ before adding any driver.

How to Sideload the driver to Crestron Home™

If the latest Atlona AV Switcher Driver version is displayed under the AV Switcher Driver selection on the Crestron Home™ (CH) Setup App, you can skip this section and go to the Setup Instruction. However, If it does not appear or if an update needs to be locally uploaded to the CH processor, then the DA driver will need to be sideloaded to the CH processor. CH enforces security, so you will need to enter the username and password in order to browse the internal flash.

Once you've downloaded the *.pkg files to your computer, launch the file browser and connect to your processor. Using Toolbox or your preferred FTP file manager, transfer the pkg files to the processor.

On the processor navigate through the fort structure to the "Import" folder.



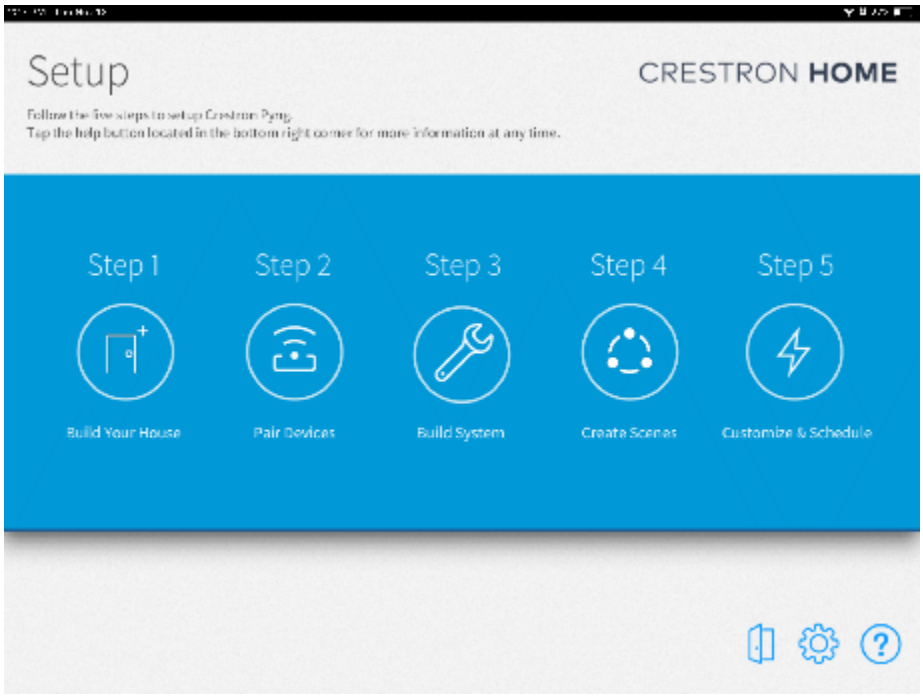
Internal Flash -> User -> ThirdPartyDrivers -> Import

Transfer the files from your computer to the Crestron™ processor, CH will automatically import the driver. Setting up the driver will then be available through the Crestron Home™ configuration app.

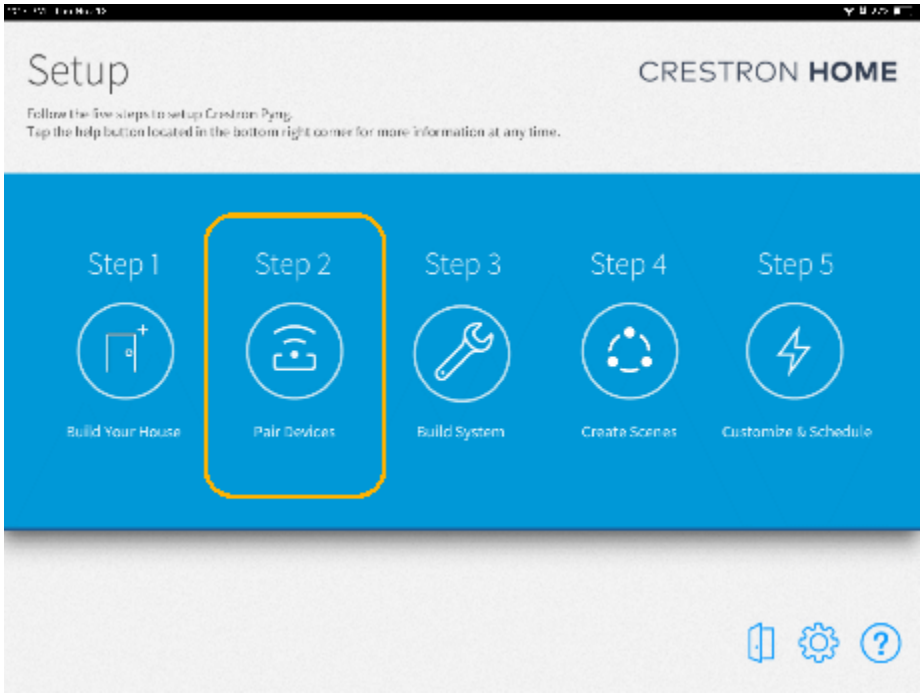
Note: For more details on installing or updating the driver follow the instructions on https://support.crestron.com/app/answers/detail/a_id/1000526

Setup Instructions

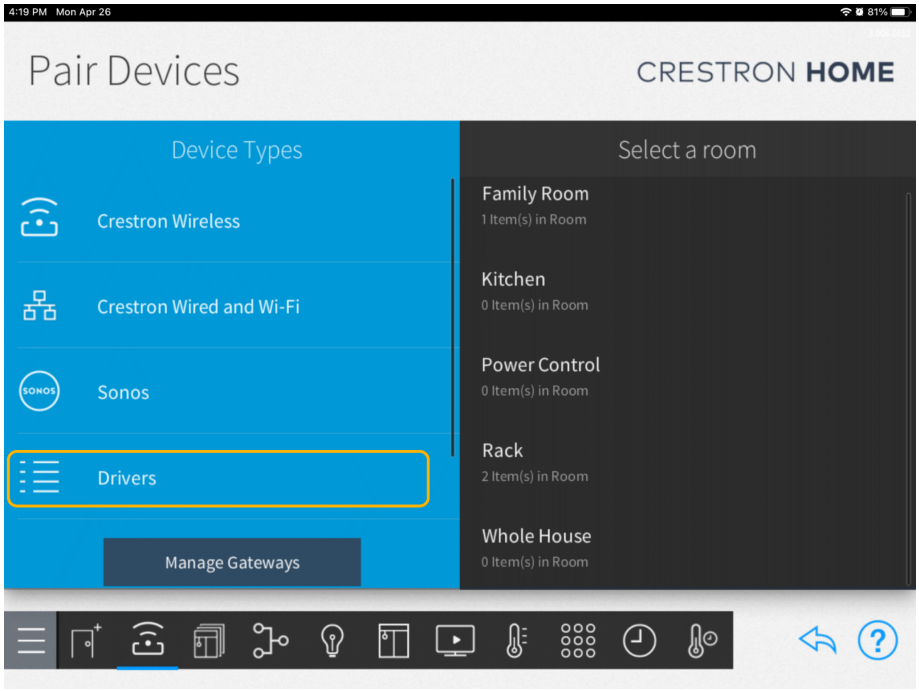
1 - Launch the Crestron Home™ Setup app.



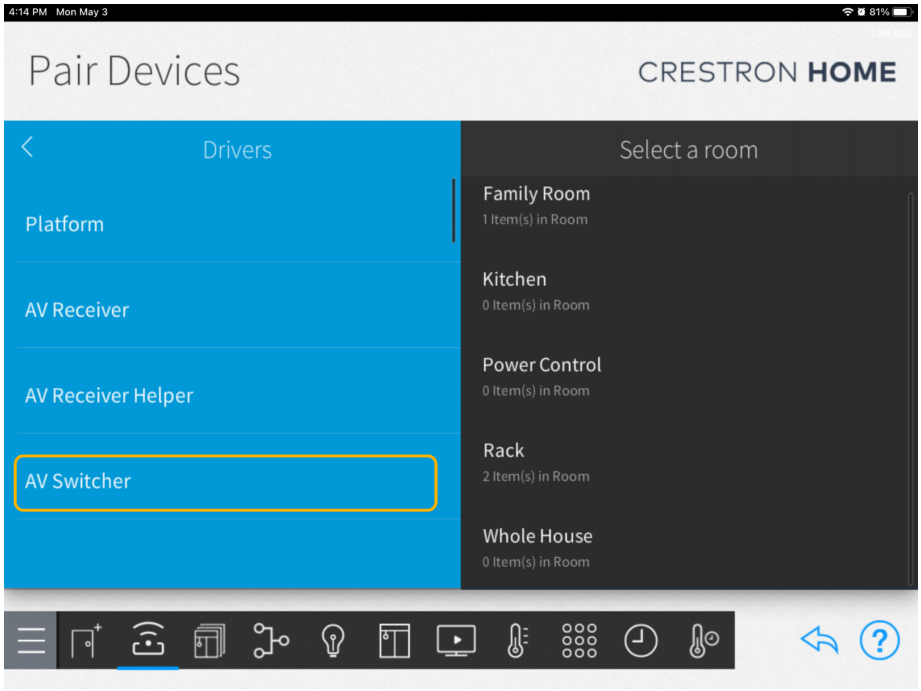
2 - Select “**Step 2 - Pair Devices**”.



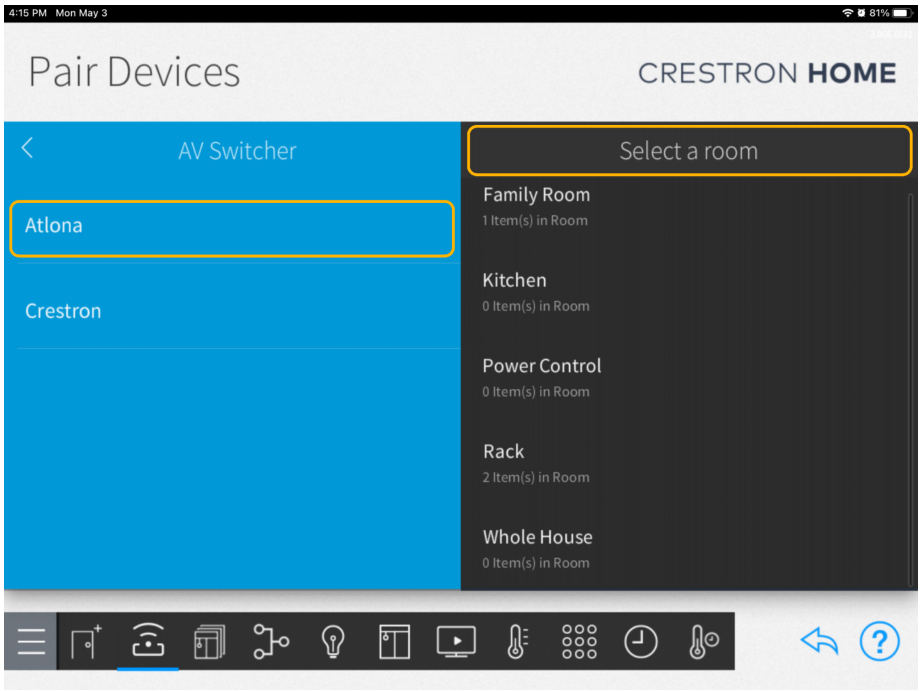
3 - Select “**Drivers**”.



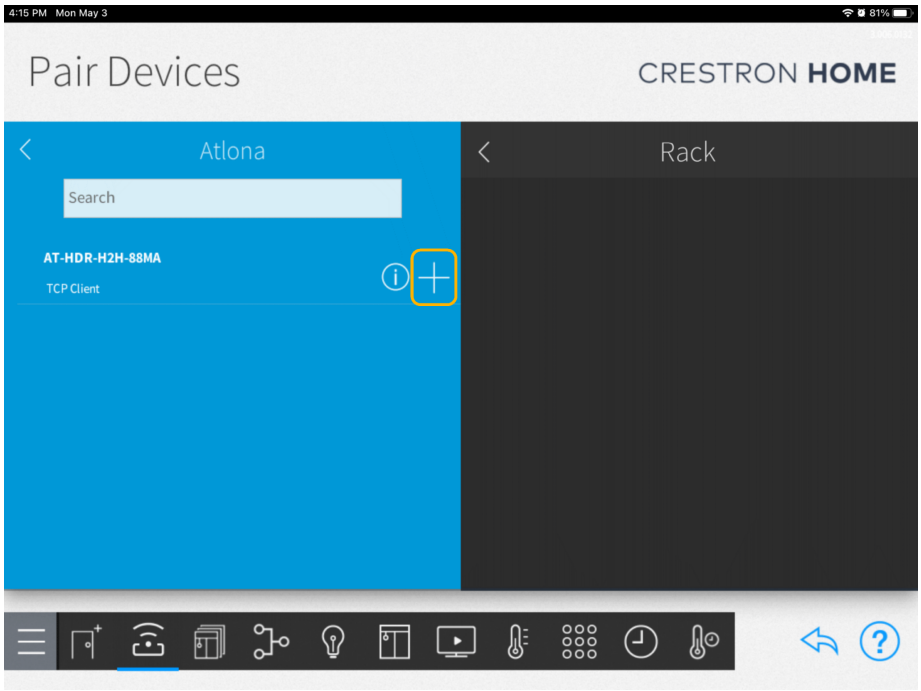
4 - Select “**AV Switcher**”.



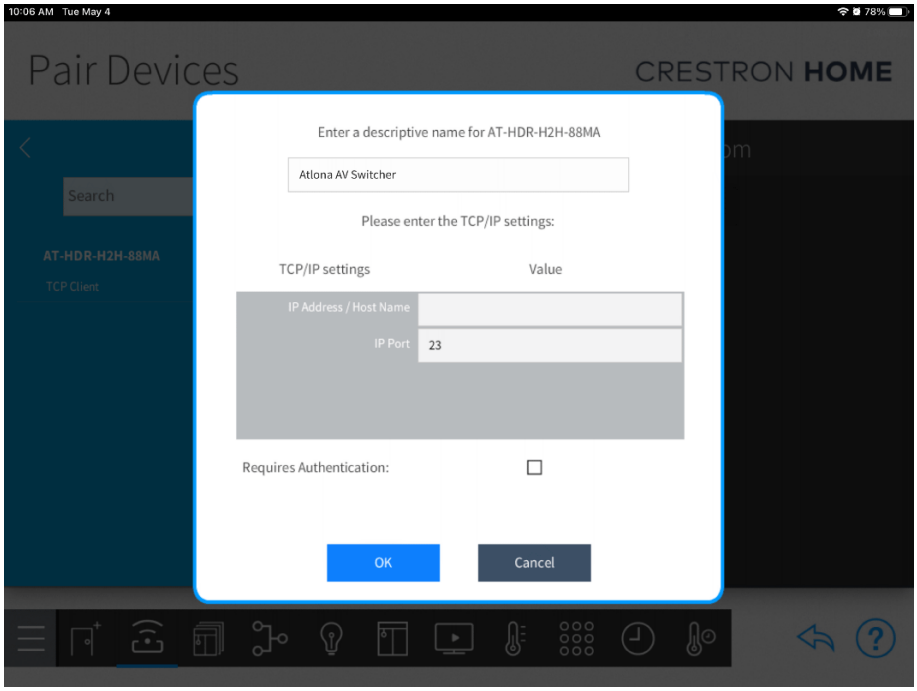
5 - “**Atlona**” should now be an option, select “**Atlona**” and select the desired room under the Select a room selection.



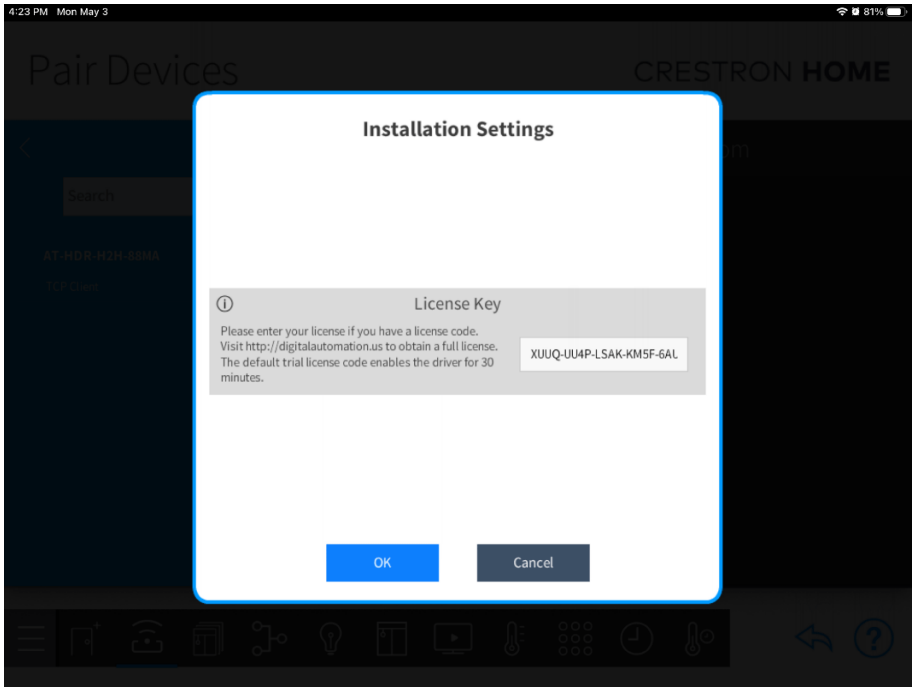
6 - Add the option from the AV Switcher Driver by clicking the “**+**” button.



7 - You will be prompted to enter the name and IP address of the AV Switcher Driver. The name will appear on the user interface as entered. The IP port should be left as default unless it has been changed on the driver. Make sure the check box labeled as “Requires Authentication” is **not** checked. Press “O.K” to continue to the next step.



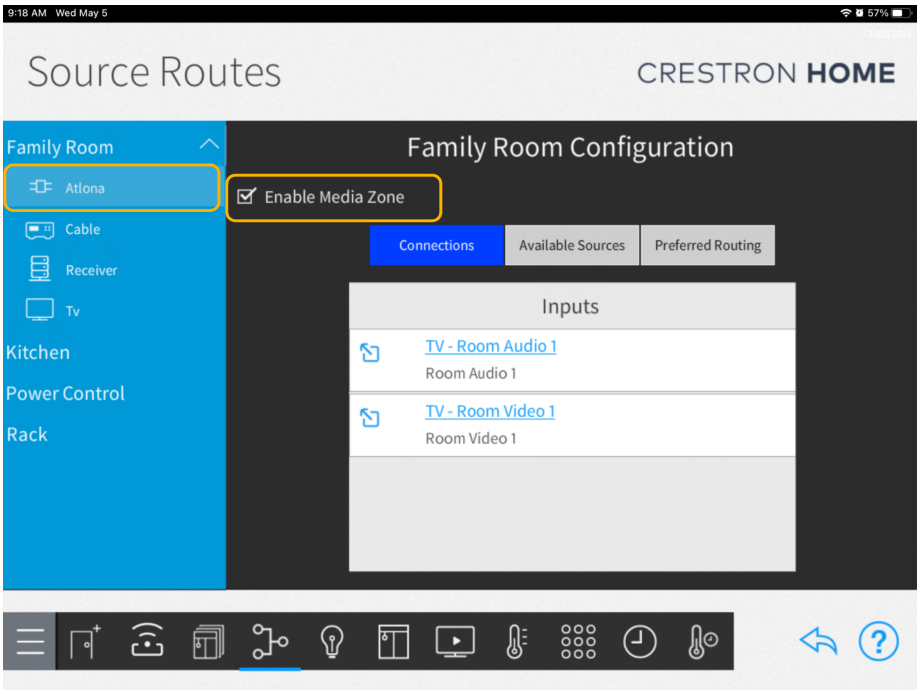
8 - You will be prompted to enter the license code you were given. By default, you will find a 2-hour trial license code as part of the settings.
Full license codes can be purchased on the Digital Automation website.
- www.digitalautomation.us



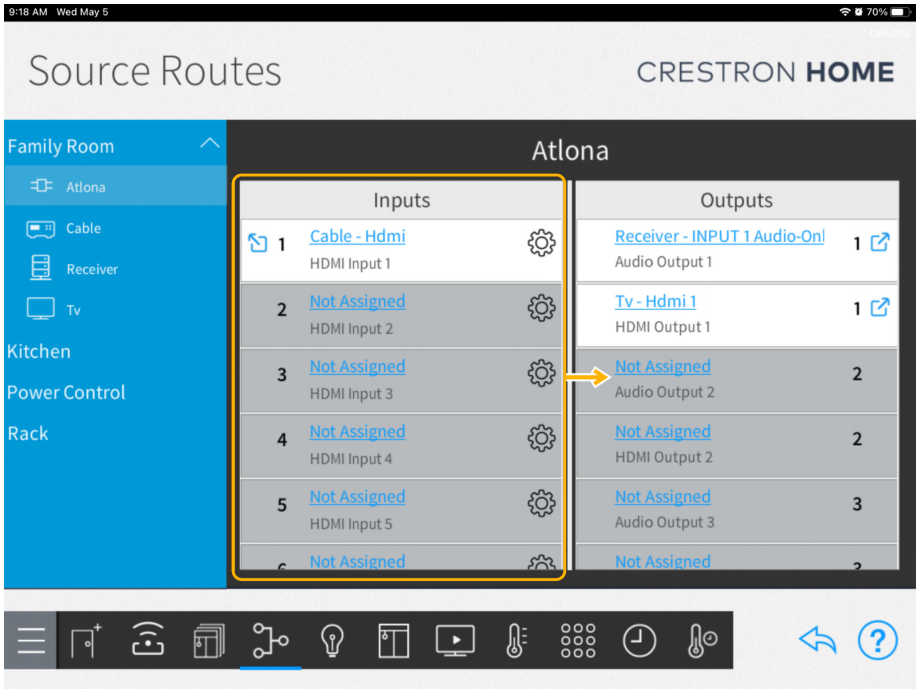
Once you have entered all the information, press OK and the system will attempt to connect to the AV Switcher. The driver will run in the background without displaying any tiles on the Crestron Home app.

9- To configure the driver tap on “Source Routes” icon on the bottom icons banner.

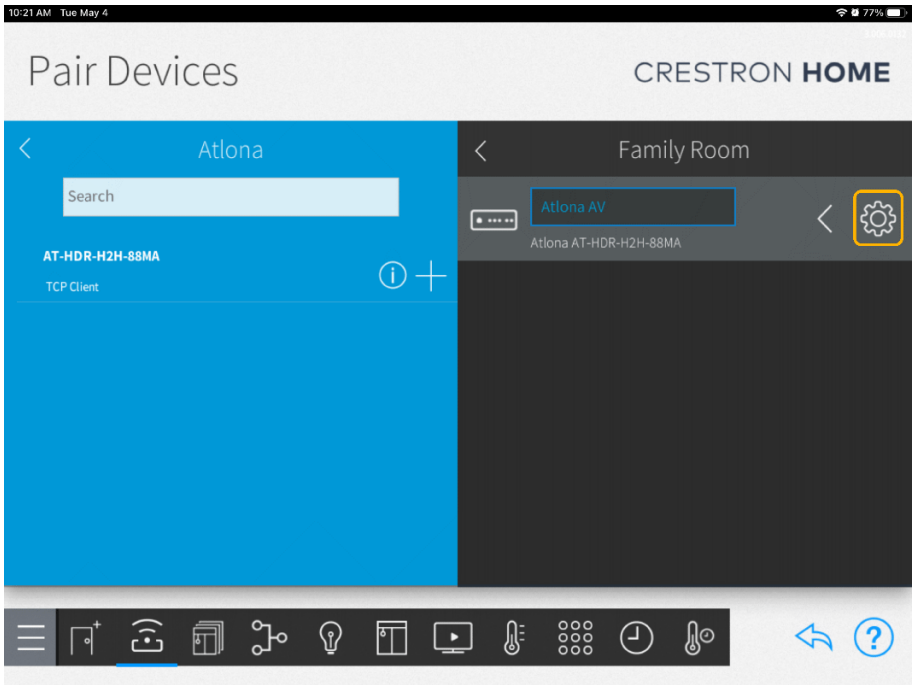
10- Tap on the AV Driver option, it will be displayed with the name you defined for it previously. Make sure to enable the “Enable Media Zone” checkbox.



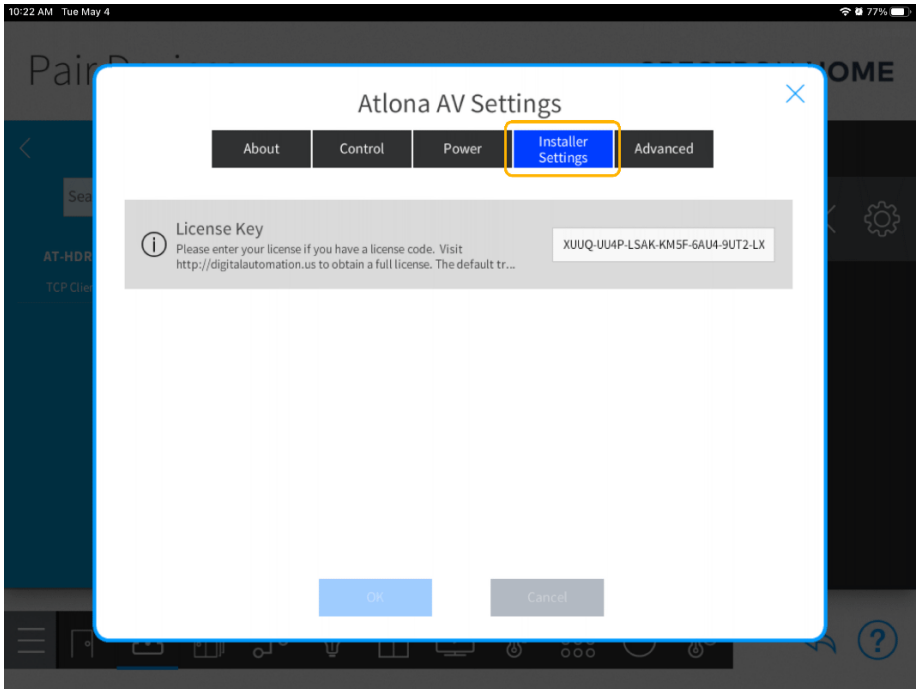
11 - Select the sources to be assigned as the input sources. Then select the device to be used to display on the outputs list. Sources should be added beforehand to the room where the driver is installed.



Note: If the license code is entered incorrectly the control panel will not display any status information. To resolve this issue you can re-enter your code by going to the settings options of the Atlona AV driver in the Crestron™ Setup app.



Once in the settings options, go to the “Installer Settings” tab where you will be able to enter the correct license code.



Note: If you modify any of the other installer settings shown here, make sure you also restart the home app.

Release Notes

1.00 - Initial release
Controls an HDMI Matrix Switcher, either a 4x4 or 8x8, made by Atlona.

1.1 - Update
Added additional supported models.

1.2 - Update
Expanded inputs to 16 and expanded outputs to 20.

1.3 - Update
Updated connectors to use GenericAudio and GenericAV.

1.4 - Update
Fixed bug where the power on and power off commands were not being sent.
Added additional supported models.

1.4.2 - Update
Added power control of the switcher outputs.

1.4.3 - Update
Audio breakaway feature added.

Note: Driver was tested on CP4-R with firmware version 2.4508.00060 running HomeOS version 3.005.0074.

Drivers are built using SDK version 6.000.0010, Home app version 1.9.2 on TSW, and version 1.12.11 of Home app on iOS. The driver is not guaranteed to work on any beta software release from Crestron™.

All product names, logos, brands, trademarks, and registered trademarks are the property of their respective owners. All company, product, and service names used in this manual are for identification purposes only. Use of these names, trademarks, and brands does not imply endorsement.