



Driver – Pulse Eight Neo4 Matrix IP version 1.0003

Driver

This release note is for the Crestron driver PulseEight.Neo4.IP.

System Requirements and Dependencies

Pulse-Eight provides a driver that conforms to the Crestron Certified Driver (CCD) Framework, allowing it to be used in a context that benefit from a “plugin” architecture. This document explains how use the Pulse-Eight Matrix Crestron Home driver within a host system.

At the time of writing, CCD is supported under the following platforms:

- Crestron Home (previously referred to as either Pyng, OS2 or OS3)
- SIMPL Windows
- SIMPL#Pro
- .AVFramework
- Crestron Studio

CCD modules are compatible with 3-Series and 4-Series Crestron systems ONLY. The modules are supplied as a CCD package (.pkg) file.

End-User Experience

To attach the driver to your project please follow the steps below.

1. In the Pair Devices (Fig 1) section of the Crestron Home configuration please select Drivers (Fig 2), and then the device type. For the Pulse-Eight neo video matrix (Fig 3) please select “AV Switcher” when choosing the appropriate device type.

Setup

CRESTRON **HOME**

Follow the five steps to setup Crestron Home.

Tap the help button located in the bottom right corner for more information at any time.

Step 1



Build Your House

Step 2



Pair Devices

Step 3



Build System

Step 4



Create Scenes

Step 5



Customize & Schedule



Pair Devices

CRESTRON **HOME**

Device Types



Crestron infiNET EX



Crestron Wired and Wi-Fi



Sonos



Drivers

Manage Gateways

Select a room

Dining Room

4 Item(s) in Room

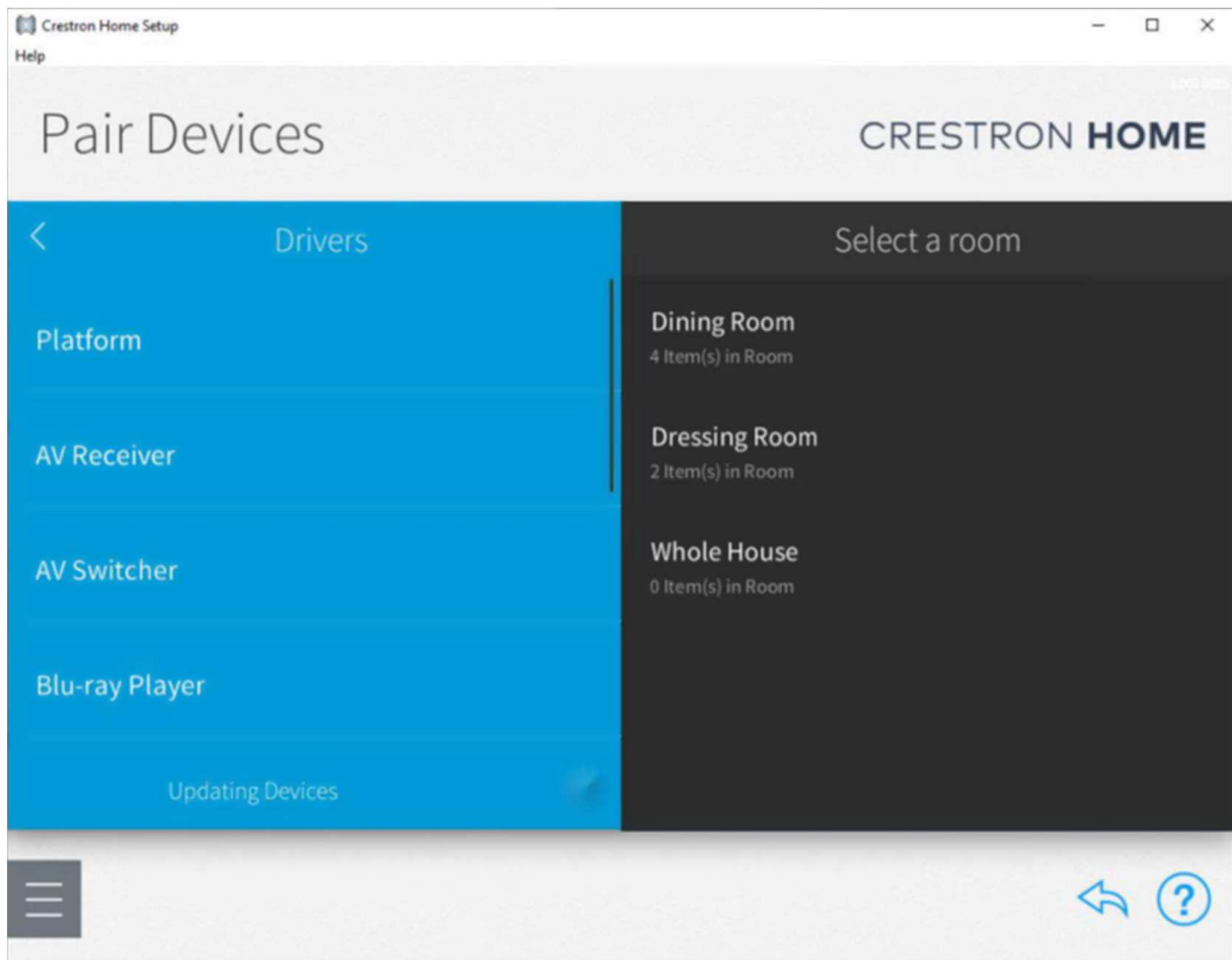
Dressing Room

2 Item(s) in Room

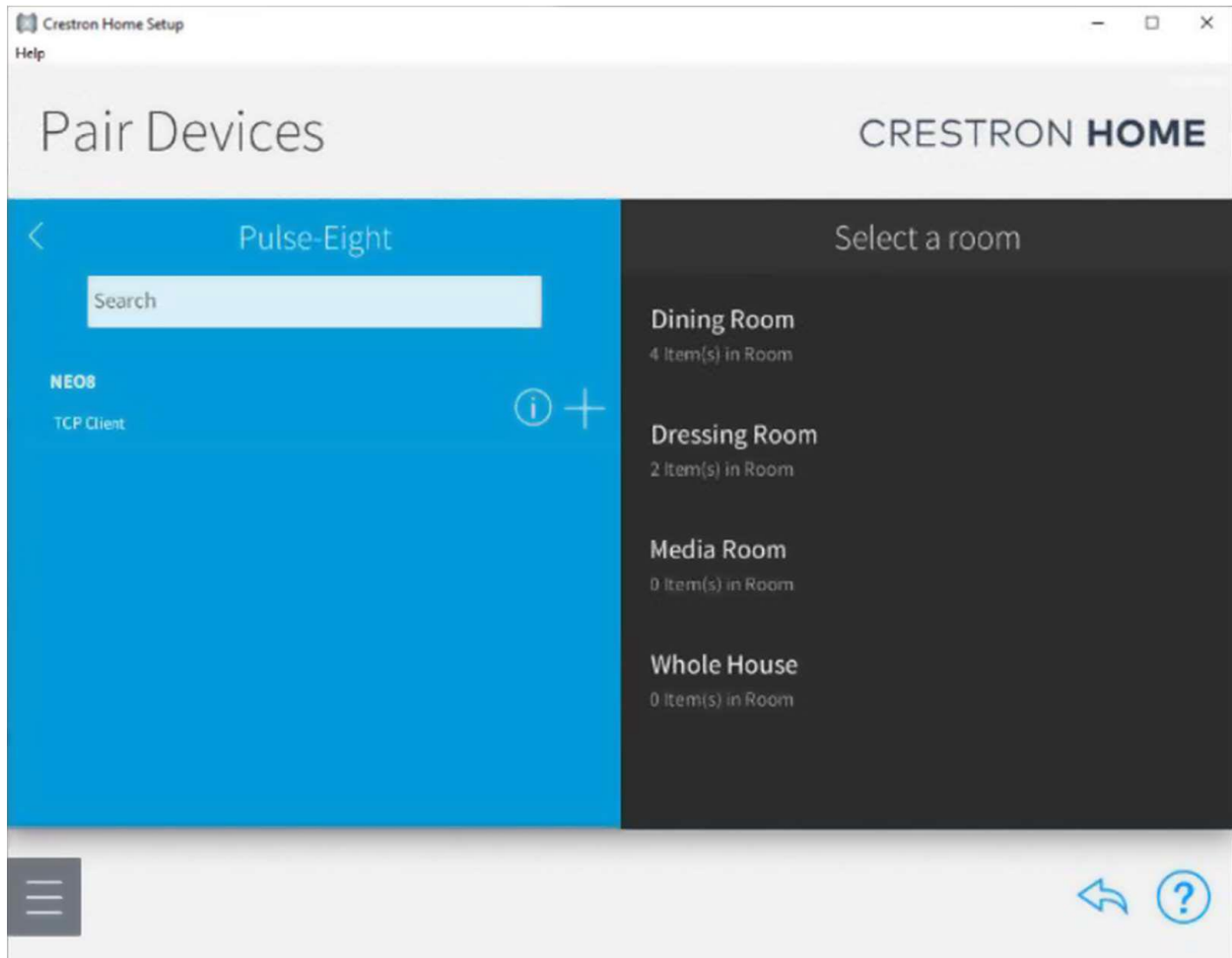
Whole House

0 Item(s) in Room





Once you have selected the device type, Crestron Home will locate the Driver and input it into the processor for you. Please click on 'TCP Client' and you will then be prompted to rename the video matrix and input its IP address (Fig 4)



To locate the IP address for your neo video matrix please open a new browser on a device that is connected to the same network as your Pulse-Eight neo video matrix and Creston Home. On that browser navigate to gotomymatrix.com this will bring up your neo video matrix web UI. The IP address will be present in the search bar. Please input this in the IP Address / Host Namebox. The port will be Port 80 (Fig 5).

Creston Home Setup

Help

Pair Devices

CRESTRON HOME

<

Search

NEOS

TCP Client

Enter a descriptive name for NEO8

Matrix

Please enter TCP/IP settings:

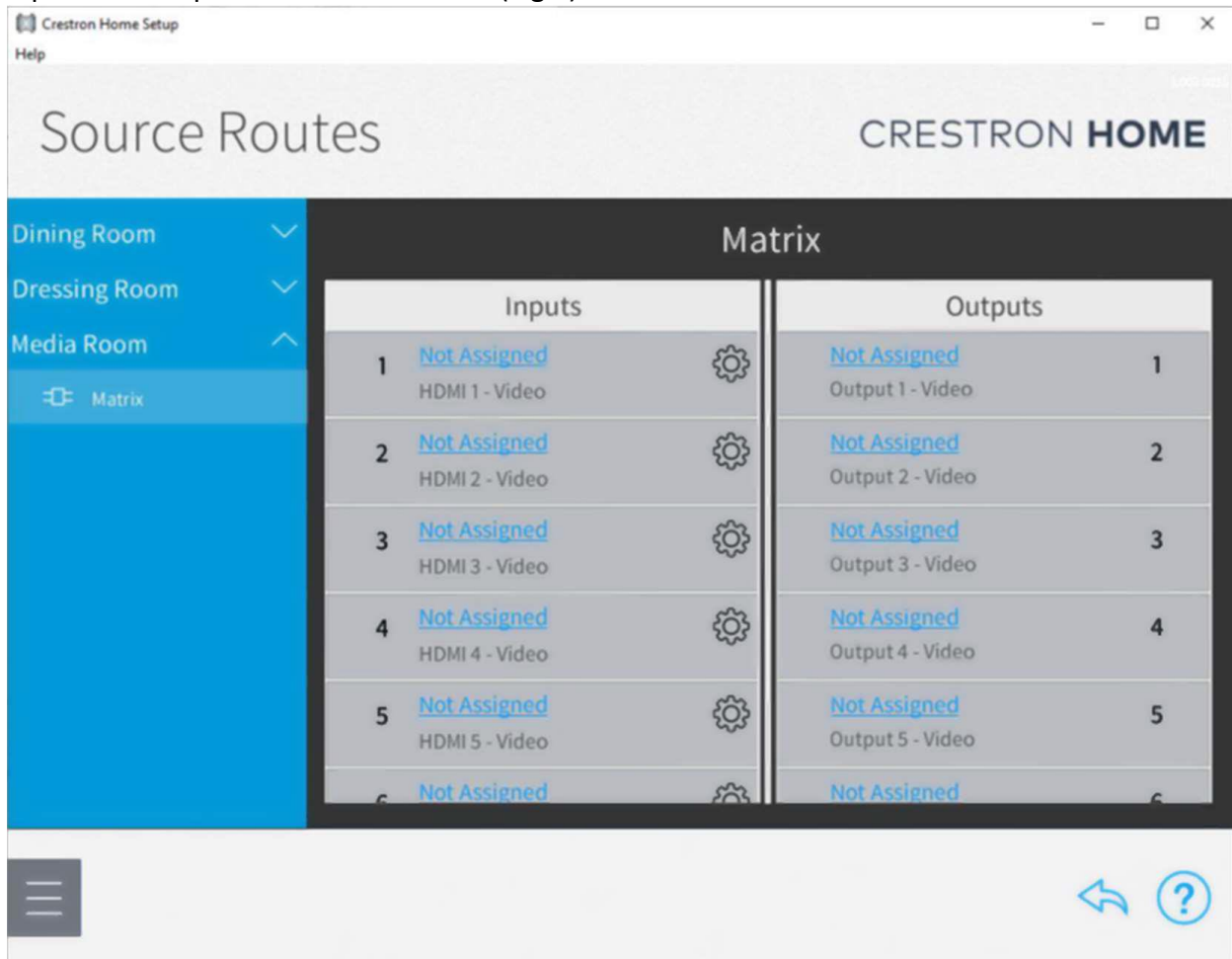
TCP/IP settings	Value
IP Address / Host Name	10.20.2.117
IP Port	80

Requires Authentication: ☐

OK

Cancel

Your neo video matrix is now linked to Crestron Home. Your final step will be configuring your inputs and outputs on Crestron Home (Fig 6).



Limitations/Known Issues

Support for the CP4-R requires matrix firmware 3.10.5 or above.

Supported Features

This list comes from the driver JSON file in human readable form.

- Discrete Power on/off
- Power Feedback
- Temperature Feedback
- Source Switching
- Input
 - 4x HDMI
- Output
 - 4x HDBaseT + 2 Mirrored HDMI

Test Environment

List the environments where this driver has been tested and any control system firmware versions used.

- Crestron Home v3.015.0124
- MC4-R 2.8000.00008
- CP4-R 2.8000.00008
- Neo 4 Professional 3.10.5

Supported Models

- Neo4 Professional

Contact Information

If you have any issues with a driver or installation that are not addressed in this datasheet, please let us know by contacting Pulse-Eight support on support@pulse-eight.com and please include as much detail about your issue as possible, including the serial number of the unit you are applying the driver to.

Version History

1.0.000.1003 26/8/2021

Changes since Last Version

New Features

- Initial release

Licensing and Copyright Information

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource