

NCD ProXR Relay Control Driver



Developed by:



Compatible Control4 Systems:

Designed to work with OS 2.9.1, 2.10.6, 3.0+

Compatible Hardware:

NCD ProXR Relay Boards using ProXR format with the Ethernet

https://store.ncd.io/shop/?fwp_product_type=relay-controllers&fwp_series=proxr

Ethernet Module that must be used:

<https://store.ncd.io/product/ethernet-to-serial-communications-module/>

Manufacture Website:

<https://ncd.io/>

License Purchase, Driver Download & Change Log:

Please visit <https://www.drivercentral.io>

Overview

- Local IP control of NCD ProXR relays
- Supports up to 256 relays per driver
- Relays boards can be configured for 8-64 relays per board
- Great for Shade Control
- Recommend using Domosapiens Advanced Control Driver in conjunction with this driver (or other relay driver)
- OPEN/CLOSE/TOGGLE/TRIGGER support
- Supports Cinegration Trial and Showroom license

Setup

Hardware Setup

- Wire up relays per application needed
- relay boards can be connected together via an expansion cable provided by NCD.io
- Connect Ethernet cable to relay board and power on
- Find IP address of unit and log in via web browser (default password: admin)
- Default TCP Port is: 2101 do not change this

Control4 Driver Setup

- Add driver to project
- Under Connections/Network enter IP address of unit
- Under System Design set Relay Quantity to total amount of relays on system
- Test

Driver Limitations/Installer Notes

The relay board only supports a single TCP connection at a time. If you are using the PC software that comes with the relay board you must close this program before the driver will work.

Installer Note: Shade motors normally require an induction spression capacitor installed. Refer to relay documentation on manufacture website for proper wiring requirements

Driver currently only supports the ProXR relay controllers from NCD

Dealers should not need to do any configuration on the relay board for most installations. The driver controls each relay individually and supports very fast communication.

License Purchase & Assignment

A single license will unlock as many instances of the driver as needed in your project. One instance of the Cloud Driver is required to activate all drivercentral licenses and trials. Here is a quick video that demonstrates the licensing process:

<https://www.youtube.com/watch?v=xXiX1euk9bU>

1. Create your project on the drivercentral.io website (this will generate a unique token used in the next step).
2. To download the driver locate the downloads tab on the driver page on drivercentral.io. Once downloaded unzip the file and add the driver to
3. Install and activate the drivercentral's Cloud Driver in your project by pasting the previously generated token in your project. If there is no license associated with the project a trial will automatically activate so long as the driver has not been installed in the past on the controller.
4. To purchase a license, locate the driver on drivercentral.io website and add to the cart. Once checked out the purchased license will be found under available licenses in the projects portal.
5. Using available licenses tool add a license to activate the driver in that project.
6. Once the Cloud Driver checks in to the project (it does so once every hour) the driver will activate.

7. If needed, use the Cloud Driver's action "Check Drivers" to force the check in and activate the driver right away.

Your driver activation is now complete! You may now continue to Driver Setup.

Further clarification with visual representation can be found in the articles on <https://help.drivercentral.io/>

Showroom and Free Trial

All Cinegration Development drivers for Control4 come with a 7-day trial. Simply add the drivercentral licensing driver, Cloud Driver, along with this driver and you can fully test the driver before purchasing. Including Cinegration Development drivers in your drivercentral showroom project will give you unlimited use without purchase.

Support

If you require additional driver assistance or are having some issues please visit our help desk: <https://help.drivercentral.io>

Development Tools

- Driver communicates via TCP/IP locally.
- DriverCentral Licensing and Driver Management

Warranty & Disclaimer

<https://www.cindev.com/terms-and-conditions>

Developer Information



Cinegration Development, LLC

<https://www.cindev.com>

<https://www.drivercentral.io/cinegration>

We are always looking to improve our drivers. Please send your suggestions to: info@cindev.com