

Expert Controller (DMX-RDM-CTRL-*)



IMPORTANT: Read carefully before installing product. Retain for future reference.



WARNING



Risk of Fire, Electrical Shock, Cuts or other Casualty Hazards- Installation and maintenance of this product must be performed by a qualified electrician. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and hazards involved. For continued protection against shock hazard replace all covers and guards after field wiring is completed.



Risk of Fire and Electric Shock- Before installing or performing any service, the power **MUST** be turned OFF. All installations should be in compliance with the National Electric Code and all state and local codes.



Risk of Burn- Disconnect power and allow product to cool before handling or servicing.



Risk of Personal Injury- Due to sharp edges, handle with care.

Failure to comply with these instructions may result in death, serious bodily injury and property damage.

DISCLAIMER OF LIABILITY: Cooper Lighting Solutions assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling or use of this product.

NOTICE: Product may become damaged and/or unstable if not installed properly.

Note: Specifications and dimensions subject to change without notice.

ATTENTION Receiving Department: Note actual product description of any shortage or noticeable damage on delivery receipt. File claim for common carrier (LTL) directly with carrier. Claims for concealed damage must be filed within 15 days of delivery. All damaged material, complete with original packing must be retained.

NOTICE: All new wiring must be fully verified before applying power.

NOTICE: Designed for indoor installation and use only. Dry location rated.



COOPER

Lighting Solutions

a @ignify business

SAVE THESE INSTRUCTIONS

This installation instruction is for the Pharos Expert Controller. The purpose of this document is to provide sufficient detailed instructions for installation and basic troubleshooting.



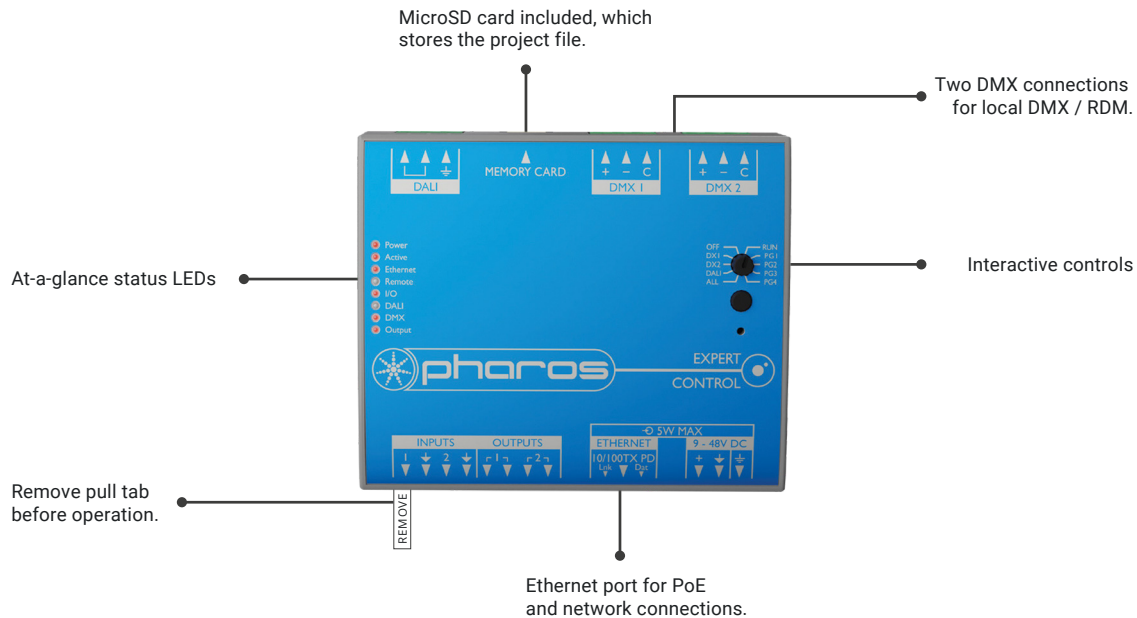
Get started with the Pharos Expert Software

Free to download: pharoscontrols.com/expert

Connect your Expert Control to the same network as your computer and follow the new project wizard in Expert software to get your device up to date, setup security and start creating your project file.



**Expert
Software**



Status LED guide

- **Power** Expert Control is powered.
- **Active** Expert Control is running successfully.
- **Ethernet** Network activity on the Ethernet port.
- **DMX** Valid DMX512 data on ports.
- **Output** Expert Control is outputting lighting control data.

Hardware interfaces

Rotary dial

OFF - Lighting to blackout

DX1 - DMX 1 channels at 50%

DX2 - DMX 2 channels at 50%

ALL - all DMX channels at 50%

RUN - Project will run

requires project file to be loaded

For more information
and detailed
instructions,
please visit
[https://www.
pharoscontrols.com/
support/expert/](https://www.pharoscontrols.com/support/expert/)

Button: Ramps fixture intensity up or down while in a test pattern

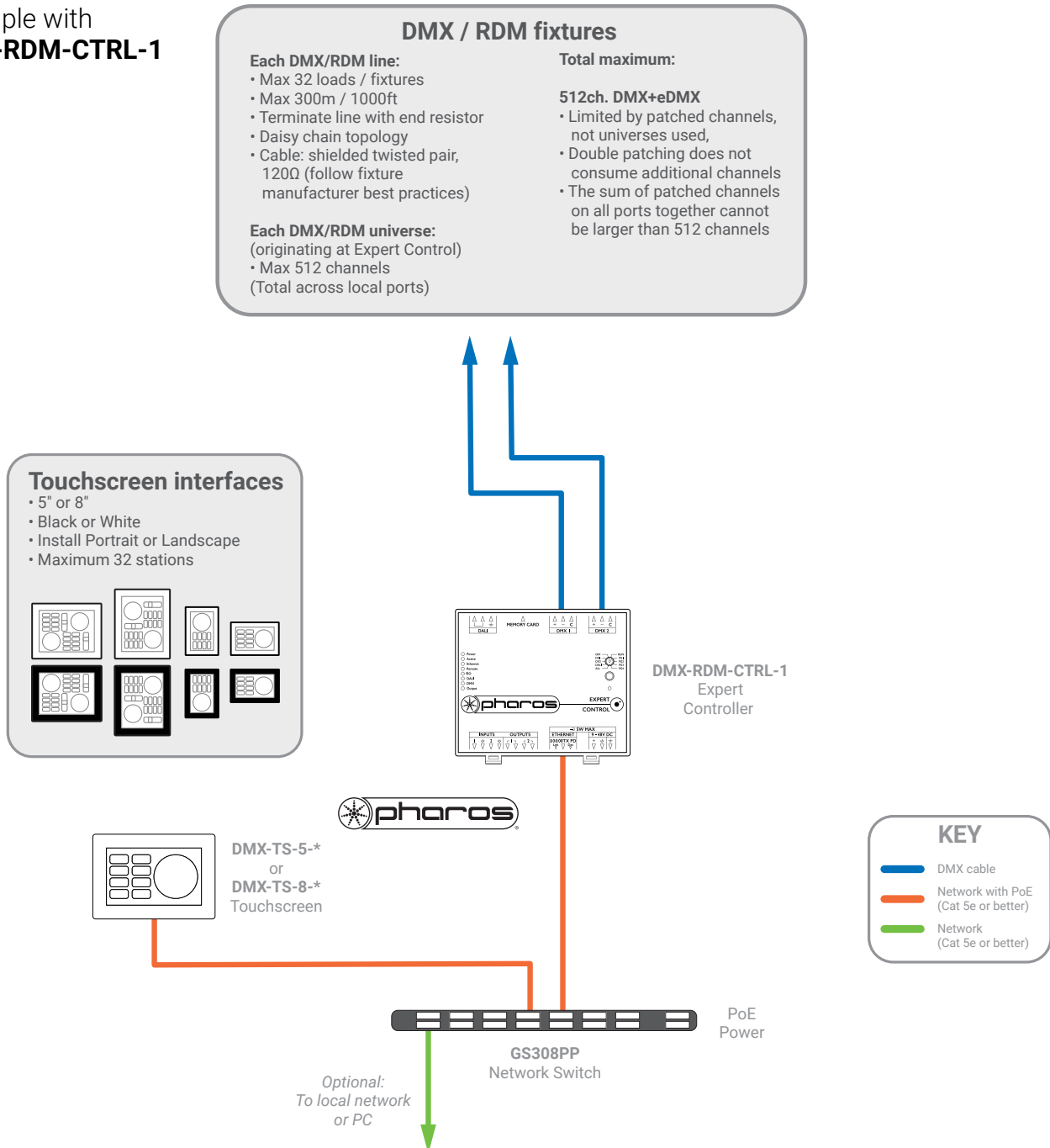
Reset: Press to reboot; press and hold between 8 and 10 seconds for a factory reset.

System Architecture

The illustration below is for the:

- **DMX-RDM-CTRL-1** DMX RDM Controller 512 Channels (Pharos XPC 1))

example with
DMX-RDM-CTRL-1

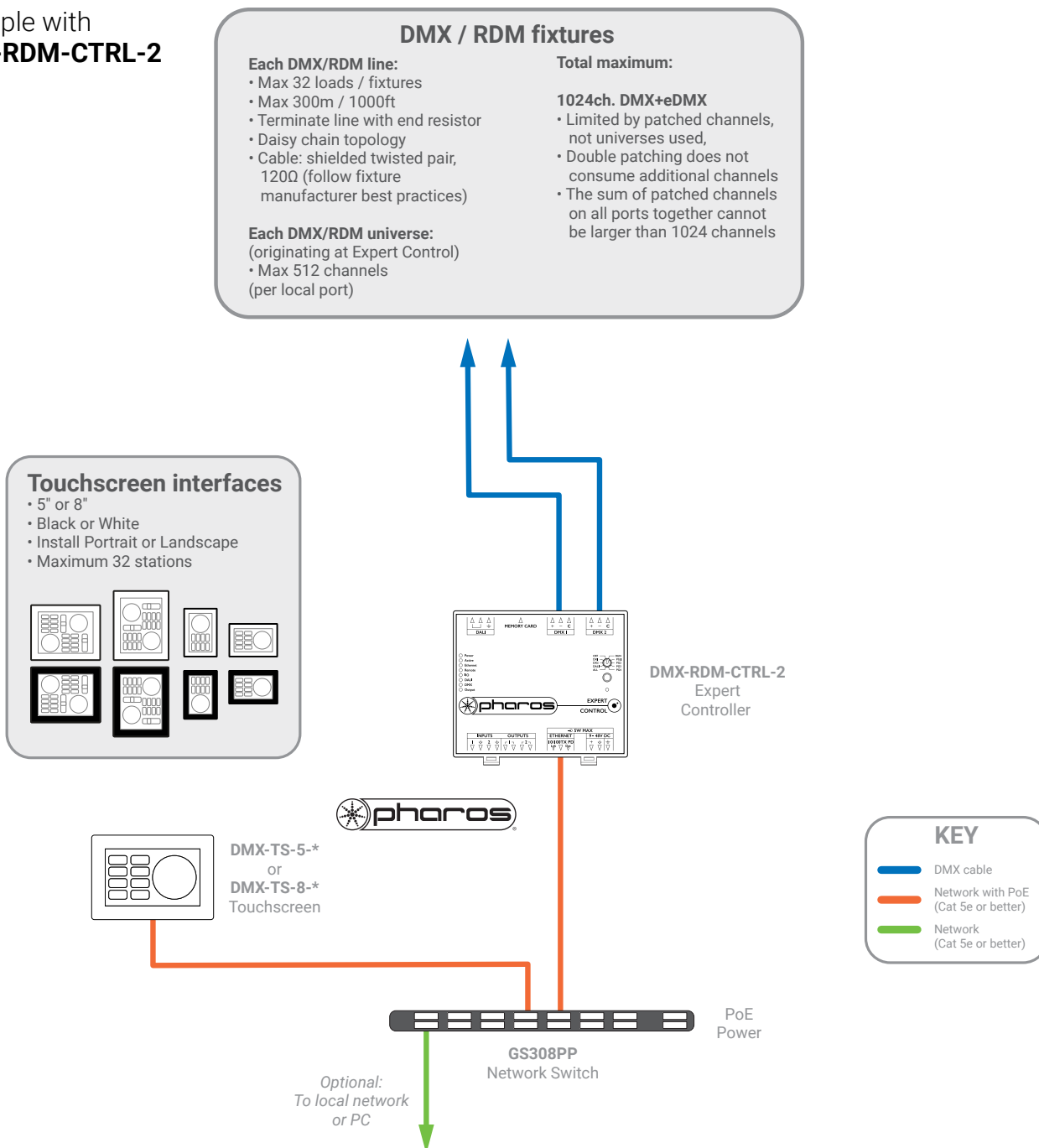


System Architecture

The illustration below is for the:

- **DMX-RDM-CTRL-2** DMX RDM Controller 1,024 Channels (Pharos XPC 2)

example with
DMX-RDM-CTRL-2



Warranties and Limitation of Liability

Please refer to www.cooperlighting.com/global/resources/legal for our terms and conditions.