

Project Name _____

Qty _____

Type _____

Catalog / Part Number _____



Expert Control 1 DMX Universe Kit Shown

Description

Unlock the power of architectural lighting with the Pharos® Expert Control Kit—an all-in-one solution designed for reliable performance, dynamic control, and seamless integration.

This compact, DIN-rail-mounted kit features the robust Expert Control system, supporting up to 3,072 eDMX channels, onboard DMX, DALI, relays, and flexible I/O. With preloaded test tools, PoE or DC power options, and self-healing network ports, the system ensures dependable 24/7 operation for demanding installations.

The kit includes the Expert Control unit, a Power-over-Ethernet switch, DIN rail sections, Cat5 jumper cables, and access to Pharos Expert software. Ideal for creating responsive, scalable lighting environments—from façades to complex architectural networks—with a low-maintenance setup backed by a 5-year warranty.

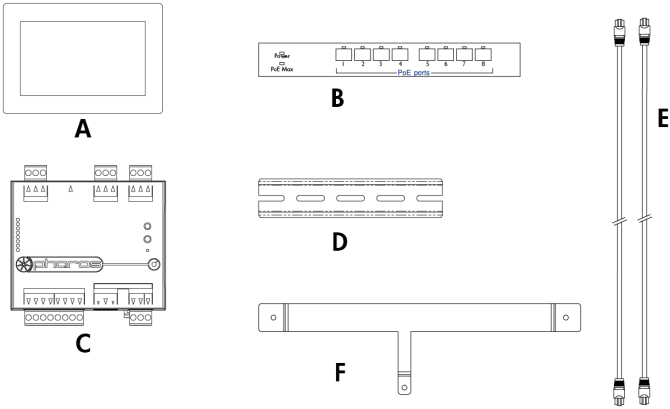
Features

Expert Control Kit 1	Pharos Expert Touch 5 or 8 (XPT 5 or XPT 8) 8 Port PoE Gigabit Switch Pharos Expert Control XPC1
Expert Control Kit 2	Pharos Expert Touch 5 or 8 (XPT 5 or XPT 8) 8 Port PoE Gigabit Switch Pharos Expert Control XPC2
Expert Control Kit 4	Pharos Expert Touch 5 or 8 (XPT 5 or XPT 8) 8 Port PoE Gigabit Switch Pharos Expert Control XPC4
Expert Control Kit 6	Pharos Expert Touch 5 or 8 (XPT 5 or XPT 8) 8 Port PoE Gigabit Switch Pharos Expert Control XPC6

Mounting Accessories	Single Gang Junction Box 8-port Gigabit Ethernet PoE Switch Bracket DIN Rail Cat5e Patch Cable
TPS Size	Touch Panel 5", Touch Panel 8"
TPS Bezel Color	WH: White Bezel BK: Black Bezel

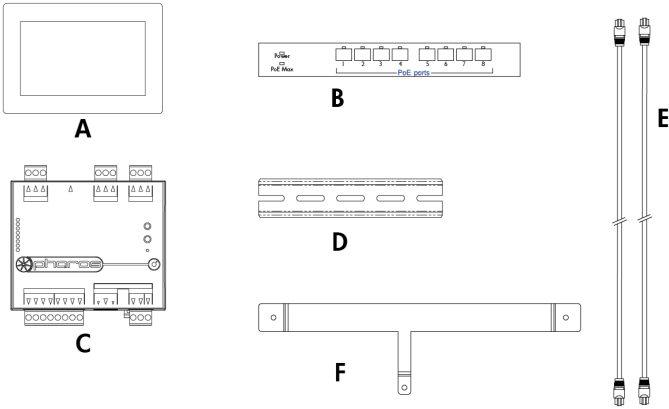
Kit Contents

Expert Control 1



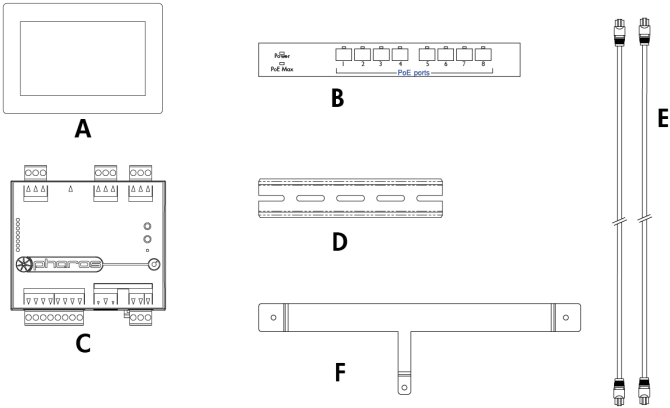
- A - XPT 5 or XPT 8
- B - 8-Port PoE Gigabit Switch
- C - XPC1
- D - DIN Rail for XPC1
- E - 50 ft Cat5e Patch Cable (2x)
- F - Bracket for PoE Switch

Expert Control 2



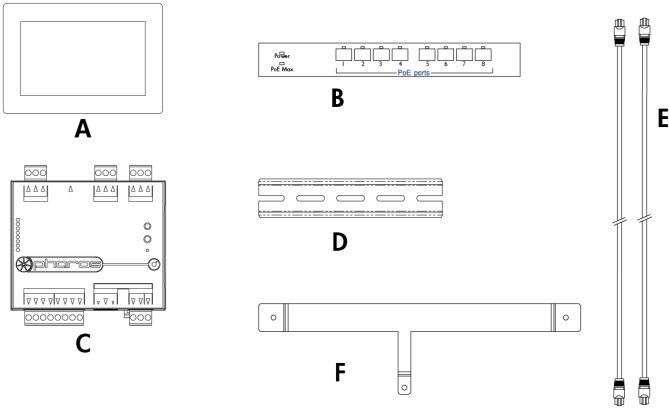
- A - XPT 5 or XPT 8
- B - 8-Port PoE Gigabit Switch
- C - XPC2
- D - DIN Rail for XPC2
- E - 50 ft Cat5e Patch Cable (2x)
- F - Bracket for PoE Switch

Expert Control 4



- A - XPT 5 or XPT 8
- B - 8-Port PoE Gigabit Switch
- C - XPC4
- D - DIN Rail for XPC4
- E - 50 ft Cat5e Patch Cable (2x)
- F - Bracket for PoE Switch

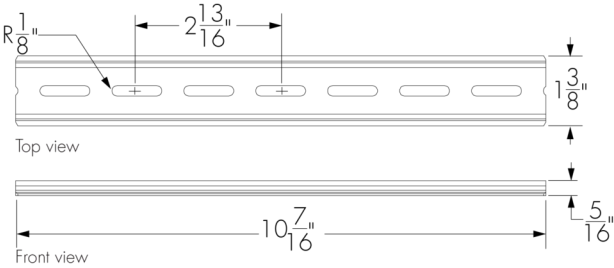
Expert Control 6



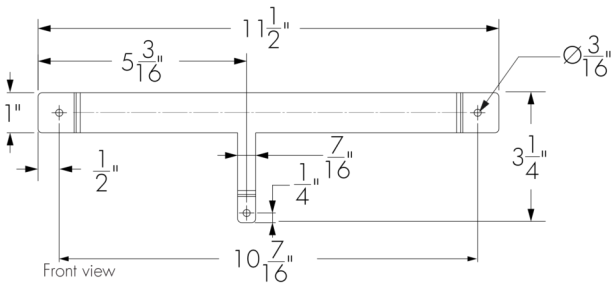
- A - XPT 5 or XPT 8
- B - 8-Port PoE Gigabit Switch
- C - XPC6
- D - DIN Rail for XPC6
- E - 50 ft Cat5e Patch Cable (2x)
- F - Bracket for PoE Switch

Mounting Accessory Dimensions

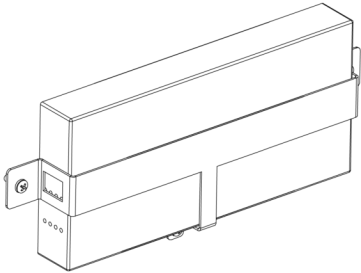
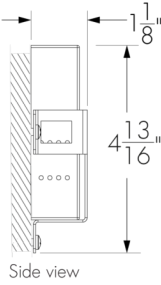
DIN Rail (XPC)



Bracket (For 8-Port PoE Gigabit Switch)

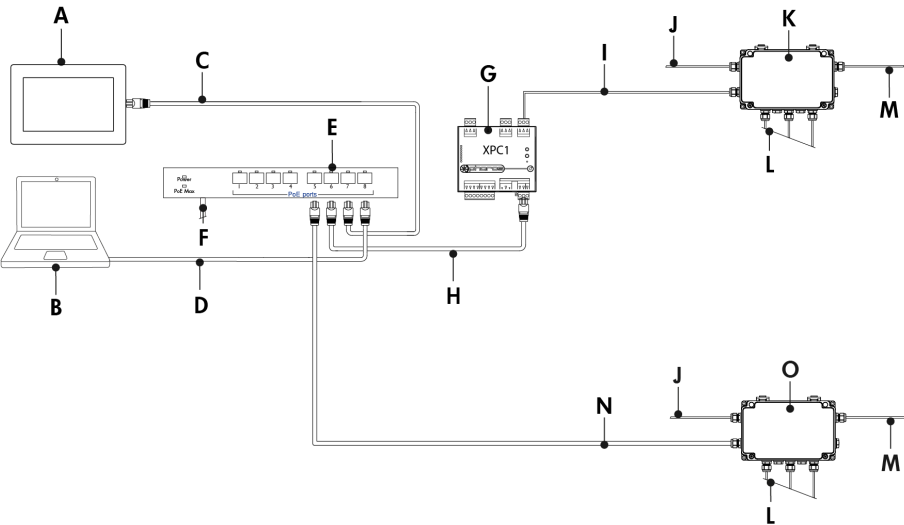


Bracket as Installed



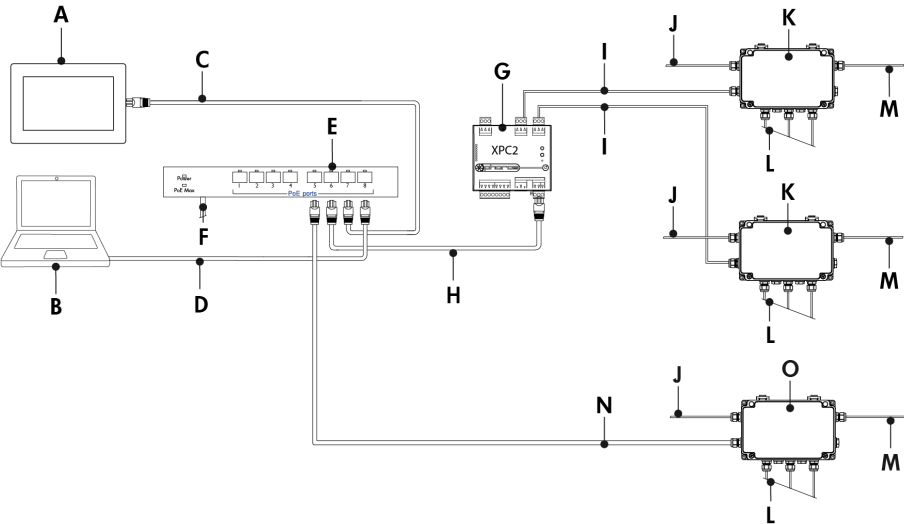
Typical Wiring Diagrams

1 DMX Universe Kit



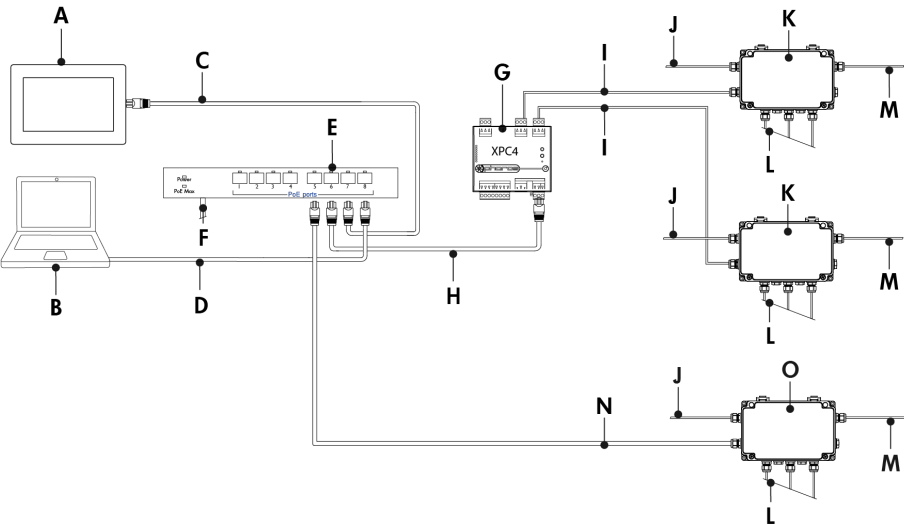
- A - XPT 5 or XPT 8
- B - Computer (by others)
- C - 50 ft Cat5e Patch Cable
- D - Cat5e Patch Cable (by others)
- E - 8-Port PoE Gigabit Switch
- F - Power input (wiring by others)
- G - XPC1
- H - 50 ft Cat5e Patch Cable
- I - Data input (Belden 9841 or equivalent, by others)
- J - Data output to next CBX (optional, not isolated/not boosted, wiring by others)
- K - CBX (order separately)
- L - Power and data output to fixture (wiring by others)
- M - Power input (100-277V, wiring by others)
- N - Data input (Cat5e or better, by others)
- O - Ethernet CBX (order separately)

2 DMX Universes Kit



- A - XPT 5 or XPT 8
- B - Computer (by others)
- C - 50 ft Cat5e Patch Cable
- D - Cat5e Patch Cable (by others)
- E - 8-Port PoE Gigabit Switch
- F - Power input (wiring by others)
- G - XPC2
- H - 50 ft Cat5e Patch Cable
- I - Data input (Belden 9841 or equivalent, by others)
- J - Data output to next CBX (optional, not isolated/not boosted, wiring by others)
- K - CBX (order separately)
- L - Power and data output to fixture (wiring by others)
- M - Power input (100-277V, wiring by others)
- N - Data input (Cat5e or better, by others)
- O - Ethernet CBX (order separately)

4 DMX Universes Kit

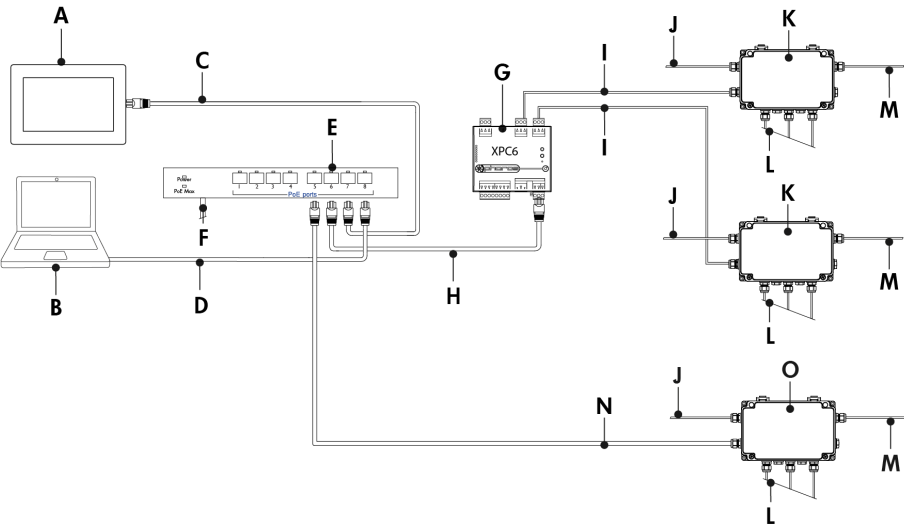


- A - XPT 5 or XPT 8
- B - Computer (by others)
- C - 50 ft Cat5e Patch Cable
- D - Cat5e Patch Cable (by others)
- E - 8-Port PoE Gigabit Switch
- F - Power input (wiring by others)
- G - XPC4
- H - 50 ft Cat5e Patch Cable
- I - Data input (Cat5e or better, by others)
- J - Data output to next CBX (optional, not isolated/not boosted, wiring by others)
- K - Ethernet CBX (order separately)
- L - Power and data output to fixture (wiring by others)
- M - Power input (100-277V, wiring by others)

DMX Port Assignments

DMX 1 Output	512
DMX 2 Output	512
eDMX (Ethernet)	Up to 2048
Total channels	2048

6 DMX Universes Kit



- A - XPT 5 or XPT 8
- B - Computer (by others)
- C - 50 ft Cat5e Patch Cable
- D - Cat5e Patch Cable (by others)
- E - 8-Port PoE Gigabit Switch
- F - Power input (wiring by others)
- G - XPC6
- H - 50 ft Cat5e Patch Cable
- I - Data input (Belden 9841 or equivalent, by others)
- J - Data output to next CBX (optional, not isolated/not boosted, wiring by others)
- K - CBX (order separately)
- L - Power and data output to fixture (wiring by others)
- M - Power input (100-277V, wiring by others)
- N - Data input (Cat5e or better, by others)
- O - Ethernet CBX (order separately)

DMX Port Assignments

DMX 1 Output	512
DMX 2 Output	512
eDMX (Ethernet)	Up to 3072
Total channels	3072

How to Order

Housing	DMX Universes	TPS Size	TPS Bezel Color
EXPERT Pharos® Expert Control Kit	X1 Pharos® Expert Control 1 (Lighting Controller 512 Channels, 2 Local DMX Ports, eDMX, DALI, IO) X2 Pharos® Expert Control 2 (Lighting Controller 1,024 Channels, 2 Local DMX Ports, eDMX, DALI, IO) X4 Pharos® Expert Control 4 (Lighting Controller 2,048 Channels, 2 Local DMX Ports, eDMX, DALI, IO) X6 Pharos® Expert Control 6 (Lighting Controller 3,072 Channels, 2 Local DMX Ports, eDMX, DALI, IO)	TPS5 Touch Panel 5" TPS8 Touch Panel 8"	WH White Bezel BK Black Bezel