

Project		Catalog #		Type	
Prepared by		Notes		Date	



DMX Scene Kit - Dynamic Series

CTRL - DMX - SCENE - KIT - DYNAMIC

Product Description

Complete color-changing lighting control systems designed for professional dynamic lighting applications. The Dynamic Series features Pharos Expert touchscreen controllers with full support for animated effects, color-changing sequences, and scheduled automation via built-in astronomical time clock. Choose from Basic (30 DMX devices, 1 universe) or Plus (120 DMX devices, 4 universes) configurations, with 5" or 8" primary touchscreen options and optional remote touchscreen for multi-location control.

Product Features

- Complete kit includes Pharos Expert controller, touchscreen interface, and power distribution
- Dynamic effects with full color-changing, fading, and animated lighting sequences
- High-resolution capacitive touchscreen (5" at 800x480 or 8" at 1024x768)
- Built-in astronomical time clock for scheduled automation
- Mobile app control via iOS/Android smartphone application
- User programmable scenes and dynamic shows via free Pharos Expert software
- Secure access with PIN-code entry and automatic lock
- Supports up to 32 Expert Touch stations per controller
- Multi-location control with optional remote 5" touchscreen
- PoE-powered touchscreens for single-cable installation
- DMX512, sACN, Art-Net, and KiNET protocol support
- DALI support for up to 64 devices (Basic series)
- Industrial-grade components for 24/7 operation
- 5-year manufacturer warranty on Pharos components
- Contractor-friendly installation with pre-wired enclosures

Kit Selection Guide

Part Number	Kit Name	Controllers	Power / Distribution	Best For
CTRL-DMX-SCENE-KIT-DYNAMIC-BASIC	Basic (5")	1	XPC Controller + PSU	Small systems, single location
CTRL-DMX-SCENE-KIT-DYNAMIC-BASIC-WITHREMOTE-KIT	Basic + Remote (5")	2	XPC + PoE Switch Panel	Small systems, two locations
CTRL-DMX-SCENE-KIT-DYNAMIC-BASIC-8IN	Basic (8")	1	XPC Controller + PSU	Small systems, enhanced visibility
CTRL-DMX-SCENE-KIT-DYNAMIC-BASIC-8IN-WITHREMOTE-KIT	Basic + Remote (8")	2	XPC + PoE Switch Panel	Small systems, two locations
CTRL-DMX-SCENE-KIT-DYNAMIC-PLUS	Plus (5")	1	XPC + 4U DMX Panel	Large systems, single location
CTRL-DMX-SCENE-KIT-DYNAMIC-PLUS-WITHREMOTE-KIT	Plus + Remote (5")	2	XPC + 4U Panel + PoE	Large systems, two locations
CTRL-DMX-SCENE-KIT-DYNAMIC-PLUS-8IN	Plus (8")	1	XPC + 4U DMX Panel	Large systems, enhanced visibility
CTRL-DMX-SCENE-KIT-DYNAMIC-PLUS-8IN-WITHREMOTE-KIT	Plus + Remote (8")	2	XPC + 4U Panel + PoE	Large systems, two locations

Specifications

Controller Model	Pharos Expert Control (XPC)	Max Touch Stations	32 per controller
Primary Touchscreen	5" (XPT 5) or 8" (XPT 8)	Control Locations	1-3 (expandable)
Remote Touchscreen	5" (XPT 5) when included	Operating Temperature	0°C to 50°C (32°F to 122°F)
DMX Protocol	DMX512, sACN, Art-Net, KiNET	Humidity	10-90% non-condensing
DMX Universes	1 (Basic), 4 (Plus)	Enclosure Rating	NEMA 1 (Indoor)
Max DMX Devices	30 (Basic), 120 (Plus)		

Electrical Specifications

System Input	120VAC, 60Hz
Controller Power	9-48VDC or PoE (IEEE802.3af)
Controller Consumption	4W typical
Touch 5 Power	PoE (IEEE802.3af, Class 0), 7W typical
Touch 8 Power	PoE (IEEE802.3af, Class 0), 10W typical
PoE Switch Total	120W (30W per port max)

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Model	XPC 1 (Basic) / XPC 2 (Plus)
DMX Capacity	512 ch (XPC 1) / 1024 ch (XPC 2)
DMX Ports	2 isolated ports (RDM compatible)
DALI Support	Up to 64 devices
I/O	2 inputs, 2 relay outputs (48V 250mA)
Data Storage	Removable MicroSD card
Physical	10.8 x 9 x 4 cm (4.2 x 3.5 x 1.6 in)
Mounting	DIN rail (6 unit wide) or keyhole
Certifications	UL/cUL listed, CE, UKCA

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Model	CTRL-PNL-DMX-EXPERT-4U-120V
DMX Splitter	1 input, 4 isolated outputs
DMX-RDM	Full bidirectional support
Power Supplies	24VDC + 48VDC, 30W industrial grade
Input Voltage	120VAC
Circuit Protection	Integrated supplementary protector
Enclosure	NEMA 1, 12 x 12 x 4 in (HxWxD)
Mounting	Surface mount with knockouts
Certifications	UL Listed

Dimensions

Expert Touch 5:	14 x 9.7 x 2.8 cm (5.5 x 3.8 x 1.1 in)
Expert Touch 8:	20 x 16 x 3.2 cm (7.9 x 6.3 x 1.3 in)
Expert Control:	10.8 x 9 x 4 cm (4.2 x 3.5 x 1.6 in)
4U DMX Panel:	12 x 12 x 4 in (305 x 305 x 102 mm)
PoE Switch Panel:	12 x 12 x 6 in (305 x 305 x 152 mm)

Mounting

Expert Touch panels mount to standard back boxes using the included Universal Mounting Plate (UK 1 & 2-gang 35mm, EU 35mm, or US 2.5" for Touch 5; UK & EU 2-gang 35mm or US 2-gang/3-gang 2.5" for Touch 8). The Expert Control mounts on 35/7.5 DIN rail or via integrated keyhole hangers. For Plus kits, the DMX Controller 4 Universe Panel mounts to a wall surface. For Remote kits, the PoE Switch Panel mounts to a wall surface. Follow all local electrical codes for installation.

Ordering Information

Part Number	Description
CTRL-DMX-SCENE-KIT-DYNAMIC-BASIC	Dynamic Basic: XPC controller + 5" touchscreen (30 DMX devices, 1 universe)
CTRL-DMX-SCENE-KIT-DYNAMIC-BASIC-WITHREMOTE-KIT	Dynamic Basic + Remote: XPC + 5" primary + 5" remote + PoE switch
CTRL-DMX-SCENE-KIT-DYNAMIC-BASIC-8IN	Dynamic Basic 8": XPC controller + 8" touchscreen (30 DMX devices, 1 universe)
CTRL-DMX-SCENE-KIT-DYNAMIC-BASIC-8IN-WITHREMOTE-KIT	Dynamic Basic 8" + Remote: XPC + 8" primary + 5" remote + PoE switch
CTRL-DMX-SCENE-KIT-DYNAMIC-PLUS	Dynamic Plus: XPC + 4U DMX Panel + 5" touchscreen (120 DMX devices, 4 universes)
CTRL-DMX-SCENE-KIT-DYNAMIC-PLUS-WITHREMOTE-KIT	Dynamic Plus + Remote: XPC + 4U Panel + 5" primary + 5" remote + PoE switch
CTRL-DMX-SCENE-KIT-DYNAMIC-PLUS-8IN	Dynamic Plus 8": XPC + 4U DMX Panel + 8" touchscreen (120 DMX devices, 4 universes)
CTRL-DMX-SCENE-KIT-DYNAMIC-PLUS-8IN-WITHREMOTE-KIT	Dynamic Plus 8" + Remote: XPC + 4U Panel + 8" primary + 5" remote + PoE switch
XPT 5 W	Expert Touch 5" Wall Station, White
XPT 5 B	Expert Touch 5" Wall Station, Black
XPT 8 W	Expert Touch 8" Wall Station, White
XPT 8 B	Expert Touch 8" Wall Station, Black
XPC 1	Expert Control, 512 channels (1 DMX universe)
XPC 2	Expert Control, 1024 channels (2 DMX universes)
CTRL-PNL-DMX-EXPERT-4U-120V	DMX Controller 4 Universe Panel, 120VAC
ECO-POE-04POE-NEMA1-120	ECO PoE Switch Panel, 4 ports, NEMA 1, 120VAC