

modaLIGHT[®]

SPECIFICATION

PHAROS VLC

The Pharos VLC (Video Lighting Controller) is an extremely capable and cost effective solution for large LED pixel arrays; such as building façades, bridges, and presentation walls. It makes it simple to play video content across your array, either from locally stored HD media files or a DVI-D video input. It also offers a range of creative, generative effects and the versatility of powerful show control and integration features.



TRIGGERING & INTERGRATION

Startup	Commences programmed playback automatically on receiving power
Clock	Battery-backed real-time clock for calendar and time-based triggers
Astronomical	Sunrise/Sunset/Twilight and Lunar phases
Ethernet	UDP, TCP, Multicast; send/receive any Ethernet message
Serial Data	RS232; configurable port; send/receive free syntax in ASCII, HEX or decimal
eDMX	sACN or Art-Net
Inputs	Contact closure, active low, active high or 0-24V analog level via RIOs
MIDI	MIDI Notes, SysEx or Timecode via RIO A
Timecode	Linear Timecode via RIO A (SMPTE, Film, EBU, NTSC)
Audio Level	Stereo 30-band spectrum analysis via RIO A
DMX/RS485	Via RIO; trigger on changes within a range or entering a range
DALI	Trigger on any message, via RIO D
Web Interface	Built-in or custom designed
Wall Stations	Integrate with BPS or TPC
Conditions	Full conditional logic support
Scripting	Lua scripting for total flexibility
Scalable	Supports Pharos Remote Devices

Project Name:

Notes:

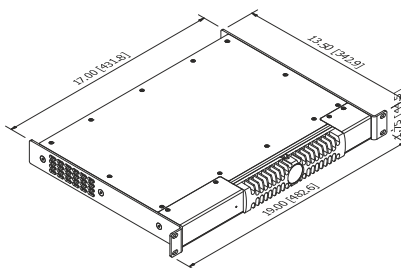
SUPPORTED FIXTURES

LEDs	LEDs in any colour configuration (RGB, RGBW, 8-bit, 16-bit, tuneable white)
Fixture Library	Pharos offers a cloud library with over 13,000 fixture profiles, for easy download of your luminaires

OUTPUT

sACN	ANSI E1.31 (with per fixture priority) standard
Art-Net	ArtNet, ArtNet II and ArtNet III (configurable broadcast override)
KiNET	KiNET V1 (DMX out) and V2 (Port out); PDS/Data Enabler discovery
Pathport	Pathway Connectivity protocol
DMX512	Via any eDMX node
Scalable	Synchronises with up to 40 Pharos Controllers over network
Simultaneous	Multiple protocols can be in operation simultaneously. Limited by patched channels, not universes used

DIMENSIONS



STANDARDS & CERTIFICATIONS



SPECIFICATIONS

Certifications	CE compliant, ETL/cETL listed
Power	100-240VAC / 50-60HZ / 0.4-0.2A 40W typical (100W maximum) IEC connector with switch UK, EU and US cable supplied
Data Storage	Internal 128GB SSD (supplied)
Configuration	Pharos Designer 2.2 or later
Temperature	0°C to 50°C (32°F to 122°F)
Physical	19" Rack unit, 1U, 13.5" deep
Weight	3.1 kg (6.8 lbs)
Shipping	57 x 45 x 18 cm (22" x 18" x 7") 5.0kg (11 lbs)
Recovery	Hardware watchdog and recessed reset button
Warranty	5 years

INTERFACES

Ethernet	Neutrik etherCon (RJ45 compatible) for 10/100/1000Base-TX Ethernet with Link/Data LEDs; Fixed IP or DHCP
eDMX	Dedicated Ethernet port for eDMX; Neutrik etherCon (RJ45 compatible) for 10/100/1000Base-TX Ethernet with Link/Data LEDs; Fixed IP or DHCP
DVI-D Input	Video input up to 1080p60 (with DVI-D IN option)
DVI-I	DVI-I output for monitoring
Serial	RS232 via DB9 connector
USB	Two USB 2.0 Type A ports
Audio Out	Stereo analog & digital audio ports (for future development)

ORDER CODE & VARIANTS

VLC 50	Lighting Playback Controller 10 (5,120 channels eDMX/DVI)
VLC 100	Lighting Playback Controller 20 (10,240 channels eDMX/DVI)
VLC 250	Lighting Playback Controller 30 (15,360 channels eDMX/DVI)
VLC 500	Lighting Playback Controller 40 (20,480 channels eDMX/DVI)
VLC 1000	Lighting Playback Controller 50 (25,600 channels eDMX/DVI)
VLC 1500	Lighting Playback Controller 60 (30,720 channels eDMX/DVI)