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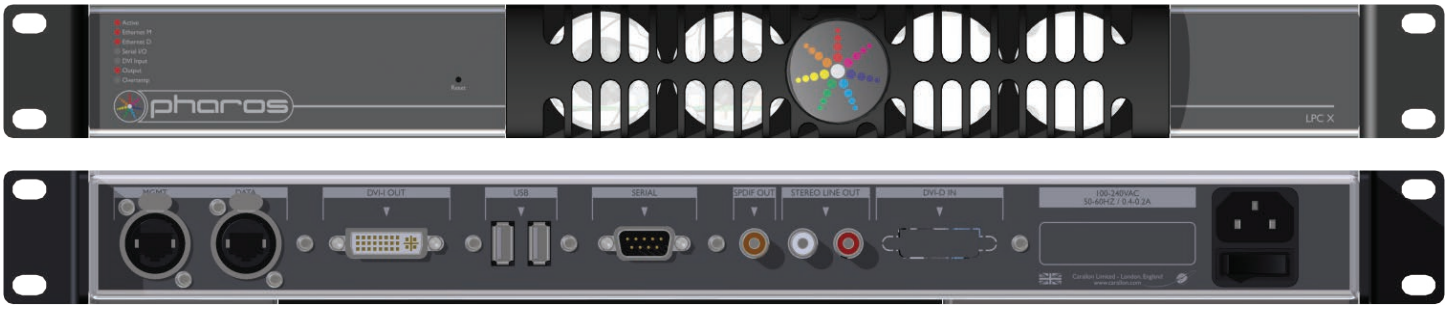


C-DMX-LPCX DMX Controller

Everylite Datasheet Ver 2.2
Revision Date 04/2020

Features

- 10-100 eDMX universes
- Multi-Protocol Support ArtNet/sACN/ESP
- Ethernet connectivity for programming/control/supervision
- Network communication. Control lighting remotely: check the Controller's status, inputs, and outputs, trigger timelines, view a full history log and much more.
- Windows/Mac software to set dynamic colors/effects
- Multiple triggering options
- Hardware watchdog and recessed reset button

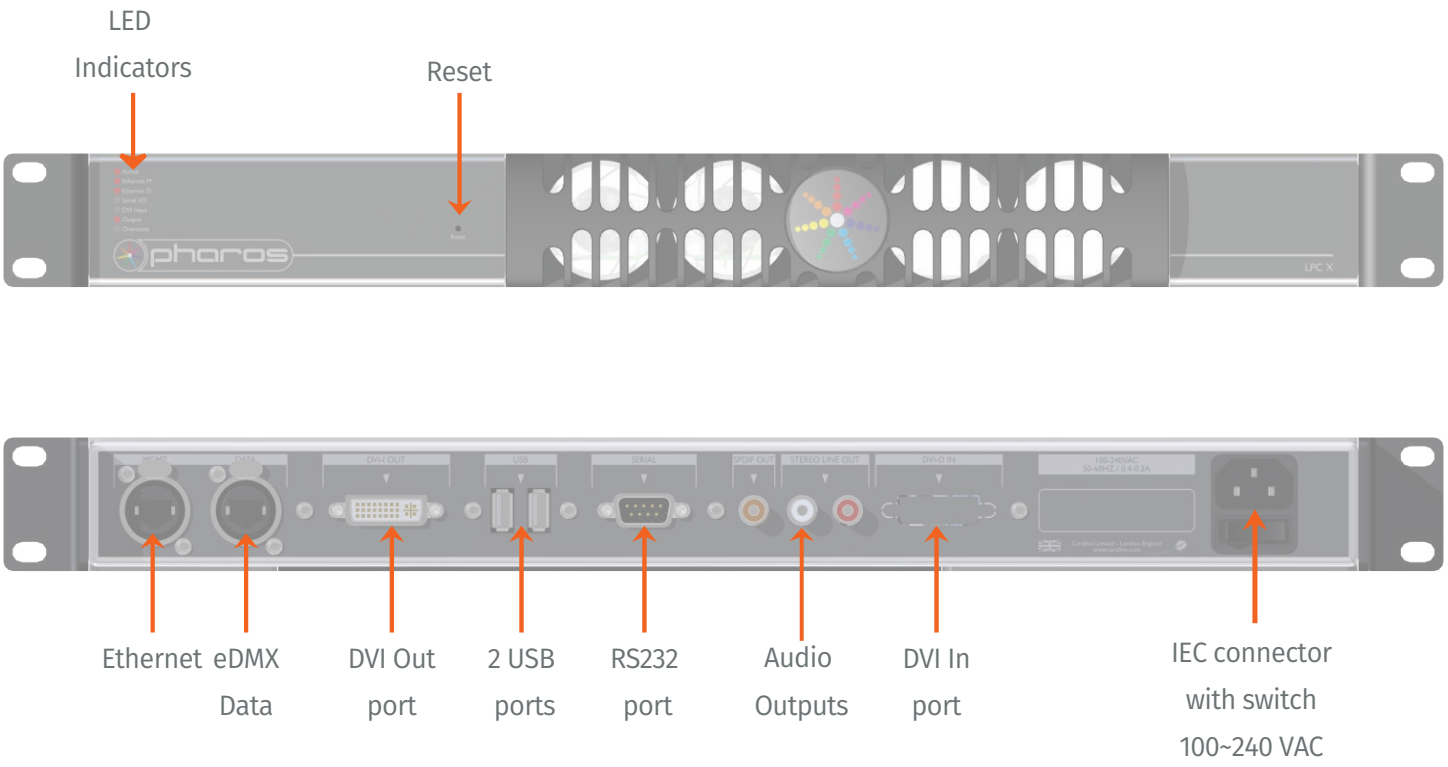
8010 Sunport dr, Unit 101, Orlando, FL, 32839 • **Tel:** 407-250-6706 **Fax:** 888-567-4532 • **Toll Free:** 1-888-567-4LED (4533)

Technical Parameters

Input Power	Output Protocol	Programmability	Connections
100~240 VAC	eDMX (sACN, Art-Net, KiNet, Pathport, DMX512 (Adding EXT)	PC, Mac	2 RJ-45 connector for a 10Base-T Ethernet Connection, RS232 port, IEC connector with switch, 2 USB Sockets, DVI ports, Audio ports

Interfaces	Working Temperature	Waterproof	Standards	Dimensions (L x W x H)
LED Indicators, Reset indicator	(32 ~122) °F	IP40	EC, ETL/cETL	(18 x 22x 7) in

Hardware



LPC Models and Comparison

Series	Input Type	Output Type	LPCX Variants Power Input	Universes	Stand Alone (Y/N)	Stackable (Y/N)	Software
C-DMX-LPC10	-	10 eDMX	9-48VDC/PoE	Up to 10 (eDMX)	Yes	Yes	Designer2
C-DMX-LPC20	-	20 eDMX	9-48VDC/PoE	Up to 20 (eDMX)	Yes	Yes	Designer2
C-DMX-LPC30	-	30 eDMX	9-48VDC/PoE	Up to 30 (eDMX)	Yes	Yes	Designer2
C-DMX-LPC40	-	40 eDMX	9-48VDC/PoE	Up to 40 (eDMX)	Yes	Yes	Designer2
C-DMX-LPC50	-	50 eDMX	9-48VDC/PoE	Up to 50 (eDMX)	Yes	Yes	Designer2
C-DMX-LPC60	-	60 eDMX	9-48VDC/PoE	Up to 60 (eDMX)	Yes	Yes	Designer2
C-DMX-LPC70	-	70 eDMX	9-48VDC/PoE	Up to 70 (eDMX)	Yes	Yes	Designer2
C-DMX-LPC80	-	80 eDMX	9-48VDC/PoE	Up to 80 (eDMX)	Yes	Yes	Designer2
C-DMX-LPC90	-	90 eDMX	9-48VDC/PoE	Up to 90 (eDMX)	Yes	Yes	Designer2
C-DMX-LPC100	-	100 eDMX	9-48VDC/PoE	Up to 100 (eDMX)	Yes	Yes	Designer2

Capabilities

Engine

The intelligent Engine gives you complete control of your installation. Based on individually controllable and independently running timelines and scenes, it lets you build dynamic, precise, fully customisable pre-programmed lighting displays, all while giving you the freedom of real-time manual overrides, flexible multi-zone control, prioritisation and more.

Triggers

Control your lighting with responsive, reactive programming. Trigger is a rules engine that uses conditional logic and a broad range of interfaces and protocols. Send and receive any command, to and from any system. Conditional logic is supported, along with a powerful built-in scripting language for unlimited flexibility.

Capabilities

Mapping

Design the big picture; control every pixel. Create a 2D map of your fixtures within the Designer software, then use Mapping to create visually striking effects or play video across the entire array. Powerful controls allow you to build maps fast with pixel precise adjustment.

Scalable

The right fit for every installation. Multiple Controllers can be seamlessly linked together to work as one via a standard Ethernet network giving impressive scalability. For additional integration options simply add Remote Devices to further extend the network. Whether one Controller or many, it's all easily programmed using our Designer software.

Flexible

Be limited by your design brief, not your control system. The controller support sa vast range of different fixture types and can output multiple DMX-over-Ethernet (eDMX) lighting protocols at the same time. No other system gives you this level of flexibility and control over your project.

Remote Management

The control you need in your browser – from anywhere. These controllers can be connected to a network, making it possible for you to remotely manage your installation. The built-in web server lets you check the Controller's status, inputs and outputs, trigger timelines, view a full history log and much more.

Capabilities

Custom Interfaces

Create a custom web interface for your installation that gives your users the control they need and the look they expect. Our built-in web server supports an extensive JavaScript API and access control with multiple user levels.

Designer

Programmed and configured using the Designer software – available for Windows or Mac OS X – with upload over Ethernet.

Reliable

Hardware and firmware are self-sufficient, so no PC needs to be left on site. Rugged, compact unit designed for 24/7 operation and reliability.

Triggering and Integration

- ***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
- ***RS232 Serial:*** 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
- ***Outputs:*** Isolated relay outputs (48V 250mA) via RIOs

Triggers and Integration

- ***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
- ***RS485 Serial:*** Via RIO; configurable port; send/receive free syntax in ASCII, HEX or decimal
- ***DALI:*** Trigger on any message, via RIO D
- ***Web Interface:*** Built-in or custom designed
- ***Wall Stations:*** Integrate with BPS, TPS or TPC
- *Conditions:* Full conditional logic support
- ***Scripting:*** Lua scripting for total flexibility
- ***Scalable:*** Supports Pharos Remote Devices

Interfaces

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

Safety Information

1. The product shall be installed and serviced by a qualified person.
2. This product is a non-waterproof, indoor rated device. Please avoid the sun and rain.
3. Good heat dissipation will prolong the working life of the controller, please ensure good ventilation.
4. Please check if the output voltage of any power supplies used comply with the working voltage of the products.
5. Ensure all wire connections and polarities are correct and secure before applying power to avoid any damages to the LED lights.
6. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

Dimentions