



Node eDMX1



1 UNIVERSE OF PHYSICAL DMX
POWERFUL PROCESSING BEYOND DMX
FLEXIBLE MOUNTING INCLUDING DIN RAIL
ADVANCED NETWORKING
WEB API FULLY SUPPORTED

Art
Net

DMX
RDM

sACN

API

Node eDMX1 is engineered with rugged, all-metal housings suitable for mobile and installation applications. Rackmount, DIN mount, or truss mounting makes the Node eDMX1 well suited for portable, church, theatre and any AV installation project.

Compatible with industry-standard protocols like Art-Net, sACN, RDM, and featuring dual Ethercon ports plus a 5-pin DMX port, it delivers versatile connectivity in an extremely compact form factor. Mount 3x Node eDMX1 on a single rack space shelf.

The DMX port is galvanically isolated and can be individually configured as either an input or output. Both connector genders are provided for easy placement anywhere in the DMX wiring chain.

Configure and control functions using the built-in web GUI interface, web API, or dual trigger contacts. Advanced networking and onboard processing allow for creation of VLANs, data stream merging with HTP/ LTP, softpatch, reroute, backup profiles, and so much more.

System monitoring and extra control features are available when using the optional LumiOS HUB.





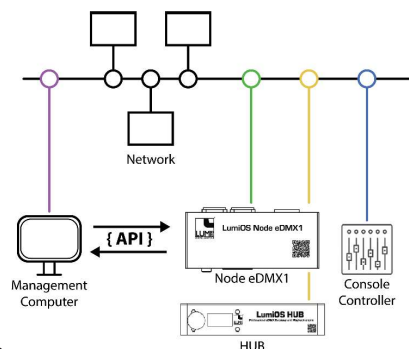
MULTI USE FUNCTIONALITY

- Rugged all-metal housing for most demanding conditions
- Suitable for mobile work and fixed installations
- Truss mounting, DIN mounting, or rackmounting options
- Art-Net, sACN, and RDM protocols
- Intuitive web GUI & documented Web API
- System monitoring and control with optional LumiOS HUB
- Dual triggers, VLAN, HTP, LTP, softpatch, merge, and more...

ADVANCED NETWORKING & API

Node DMX1 delivers advanced networking features, a fully documented web API, and an intuitive web user interface.

Node DMX1 is built for future networking as more Ethernet connected equipment is becoming available. The eDMX1 has power to process beyond available physical DMX ports.



TECHNICAL SPECIFICATIONS

CONNECTIVITY		PHYSICAL	
DMX / RDM	2x XLR 5-Pin (Male/Female)	Enclosure	Metal housing, 1/3 19" wide
Ethernet	2x shielded RJ45	Mounting	Truss, DIN, and Rackmount
Contact Closure	2x triggers on 3-Pin Pheonix Type	Dimensions (W x D x H)	140 x 60 x 45 mm
Power	1x DC Power IN	Weight	
DMX FEATURES		NETWORK FEATURES	
DMX Protocols	DMX512 (1986 & 1990) DMX512-A ANSI E1.11 RDM ANSI E1.20-2010	Ethernet Protocols	Art-Net™ (1-4) sACN ANSI E1.31
DMX Port Direction	Configurable input or output	Ethernet Port Speed	10/100 Mbps
DMX Redundancy	Optional hardware required	Port Sensing	Yes
DMX Port Isolation	Full galvanic isolation	Split Managment	Yes
DMX Timing	Framerate: 10-40fps Break: 176-532µs	VLAN Group Support	Yes
PROCESSING		OTHER	
Merge Engine	HTP/LTP	Power Input	12V - 48V DC
Softpatch	Yes	Power Consumption	25W Maximum
Trigger System	Yes	Power Redundancy	No
ReRoute	Yes	Operating Temperature	-15 to +50°C
Profile Manager	Yes	Storage Temperature	-30 to +70°C
Snapshots	Yes	Humidity	5 - 95% RH (non-condensing)
DMX Redundancy	Yes	Approvals	CSA Approved Supply
Monitoring	LumiOS HUB	IP Rating	IP20
Configuration	Built in Web server Documented Web API	Status LEDs	Ethernet: link/activity LED Power indicator LED

Designed and Engineered in



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