



Node eDMX4-S



4-UNIVERSES OF PHYSICAL DMX
POWERFUL PROCESSING BEYOND DMX
MISSION CRITICAL REDUNDANCIES
ADVANCED NETWORKING
WEB API FULLY SUPPORTED

Art
Net

DMX
RDM

sACN

API

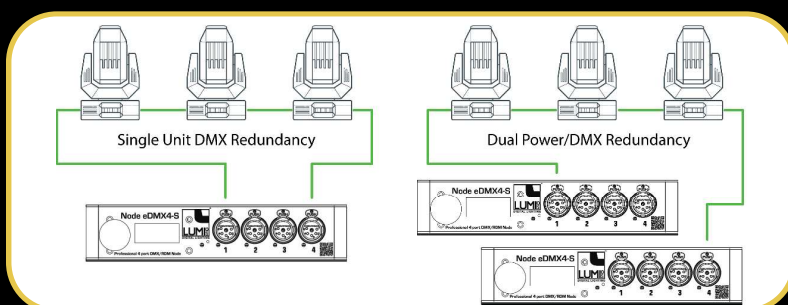
Node DMX4 is engineered with rugged, all-metal housings suitable mobile and installation applications. Rackmount or truss mounting makes the Node DMX4 well suited for touring, theatre and AV installation projects.

Compatible with industry-standard protocols like Art-Net, sACN, RDM, and featuring dual Ethercon ports plus four 5-pin DMX ports, it delivers versatile connectivity in a very compact half rack form factor.

Each DMX port is galvanically isolated and can be individually configured as either an input or output. Redundant backup looping is possible.

Control includes a web GUI interface, web API, VLAN, dual trigger ports, and onboard processing for HTP, LTP, softpatch, reroute, backup profiles, redundancy, and much more.

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



Dual Mode Redundancy

The show must go on and the eDMX4 delivers with two available modes.

- DMX output backup
- DMX/Power backup





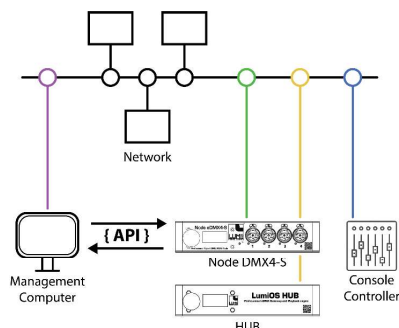
MULTI USE FUNCTIONALITY

- Rugged all-metal housing for most demanding conditions
- Touring, mobile, and fixed installation suitability
- Truss mounting or rackmount options
- Art-Net, sACN, and RDM protocols
- Intuitive web GUI & front display controls
- System monitoring with optional LumiOS HUB
- Dual triggers, VLAN, HTP, LTP, softpatch, merge, and more...

ADVANCED NETWORKING & API

Node DMX4 delivers advanced networking features, a fully documented web API, and an intuitive web user interface.

Node DMX4 is built for future networking as more Ethernet connected equipment is becoming available. The eDMX4 has power to process beyond available physical DMX ports.



TECHNICAL SPECIFICATIONS

CONNECTIVITY		PHYSICAL	
DMX / RDM	4x XLR 5-Pin Female	Enclosure	Metal housing, half 19" wide
Ethernet	2x shielded Ethercon	Mounting	Truss, Rackmount
Contact Closure	2x triggers on 3-Pin Phoenix Type	Dimensions (W x D x H)	210 x 165 x 45 mm
Power	2x powerCON IP65 (in/out)	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	Dual mode configurable	Port Sensing	Yes
DMX Port Isolation	Full galvanic isolation per port	Split Management	Yes
DMX Timing	Framerate: 10-40fps Break: 176-532µs	VLAN Group Support	Yes
PROCESSING		OTHER	
Merge Engine	HTP/LTP	Power Input	100 - 240VAC (50-60Hz)
Softpatch	Yes	Power Consumption	25W Maximum
Trigger System	Yes	Power Redundancy	Optional
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	SPE-1000 & cETL Pending
Monitoring	LumiOS HUB	Display and Jog	Yes
Configuration	Built in Web server Documented Web API Front end display menu	Status LEDs	Ethernet: link/activity LED DMX Port: DMX/RDM LED Power indicator LED

Designed and Engineered in



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