

PROJECT	FIRM	ORDER #	TYPE	QTY
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PL-NODE 4 is a high-speed Art-Net and sACN node offering **4 configurable DMX ports** with 3-pin XLR connectors. The web-based interface allows easy configuration and monitoring from any browser, without additional software. RDM compatibility enables seamless management of RDM-enabled fixtures.

With 100M Ethernet support, PL-NODE 4 ensures fast data transmission and low latency — ideal for stage productions, architectural lighting and large-scale events.

A reliable and flexible solution for professionals managing complex lighting systems and DMX-over-IP infrastructure.

Features

- Four DMX512 ports — bi-directional, input/output configurable, on 3-pin XLR connectors.
- Supports Art-Net & sACN protocols; RDM compatible for fixture management.
- Built-in 2-port 100M Ethernet switch for daisy-chaining nodes.
- Front panel LCD with 4-button navigation (Menu, Enter, Up, Down) and status LEDs: Power, Link, Activity, DMX.
- Configuration via on-device menu or web interface from any browser — no additional software.
- Rugged metal housing — rack or DIN mountable with additional accessories.

At a glance

<p>⚡ Power 9-24 V DC, 1 A</p>	<p>◆ Protection IP20, interior</p>	<p>≡ Output 4 × DMX512 ports</p>	<p>🌡 Temperature -10 °C to +50 °C</p>	<p>◆ Certification CE</p>	<p>★ Warranty 5 years</p>
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Interface matrix

Physical interfaces and their capabilities. All DMX ports are individually configurable as input or output.

Interface	Qty	Connector	Type	Direction	Protocols	Notes
DMX	4	3-pin XLR	DMX512	In / Out	DMX · RDM	Per-port config
Ethernet	2	RJ45	10/100 Mbps	In / Out	Art-Net · sACN	Integrated switch
Display	1	LCD	Front panel	—	—	4-button menu

Specifications

Series	Art-Net / sACN Node
Product code	PL-NODE 4
DMX ports	4 × DMX512 — bi-directional, input/output configurable
DMX connectors	3-pin XLR
Protocols	Art-Net · sACN · DMX · SPI (in development)
RDM	Yes — management of RDM-enabled fixtures
Data input	2 × RJ45 — 10/100 Mbps, integrated 2-port Ethernet switch
Network	100M Ethernet — fast data transmission, low latency
Configuration	On-device menu & web interface — any browser, no additional software
Display	LCD with 4-button menu navigation (Menu, Enter, Up, Down)
Status LEDs	Power · Link · Activity · DMX
Input voltage	9 - 24 V DC / 1 A (typical)
Mounting	Rack or DIN mountable with additional accessories
Dimensions	L 210 mm × H 155 mm × D 45 mm
Weight	1.0 kg (2.2 lb)
Housing	Metal enclosure, black powder coat finish
Operating temperature	-10 °C to +50 °C
Storage temperature	-20 °C to +70 °C
Environment	IP20 — interior application
Certification	CE
Applications	Stage productions · architectural lighting · large-scale events
Warranty	5 years

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Dimensions

Front panel



Enclosure

L 210 mm × H 155 mm × D 45 mm;
weight 1.0 kg (2.2 lb).

Rugged metal enclosure with black powder coat finish. Rack or DIN mountable with additional accessories. IP20 — interior application only.

Connections

Network

- 2 × RJ45 ports (10/100 Mbps) with integrated Ethernet switch — daisy-chain multiple nodes without external switches.
- Art-Net and sACN carried over 100M Ethernet; configuration and monitoring via the built-in web interface.

DMX I/O

- 4 × 3-pin XLR ports, each individually configurable as DMX input or output.
- RDM-compatible for remote management of fixtures; port status indicated by front-panel DMX LED.

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Configure your product

PL-NODE 4 is a single-model product — order by product code. Rack and DIN mounting accessories are available separately.

Model	Configuration	Model	Configuration
PL-NODE 4	Art-Net / sACN to 4 × DMX node	—	Rack / DIN mounting accessories on request

Example product codes

PL-NODE 4 Art-Net to 4 × DMX Output Node

Configuration & monitoring

Every setting is accessible two ways: directly on the device via the front-panel LCD and 4-button menu, or from any browser through the built-in web interface — no software installation required.

Access map

Interface	Access	Notes
LCD + buttons	Front panel	Menu · Enter · Up · Down
Web interface	Any browser	No additional software
Status LEDs	Front panel	Power · Link · Activity · DMX

Per-port direction (input / output) is set from either interface.

Notes

- SPI protocol support is in development.
- IP20 — interior application only; do not expose to moisture.
- For rack or DIN-rail installation, order the matching mounting accessories.