

PROJECT	FIRM	ORDER #	TYPE	QTY
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**PL-NODE 8** is a high-speed Art-Net and sACN node offering **8 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 Gigabit Ethernet support, PL-NODE 8 ensures fast data transmission and low latency — ideal for stage productions, architectural lighting and large-scale events.

Designed in Europe and assembled in India — high-quality engineering with precision manufacturing for reliable performance.

## Features

- Eight DMX512 ports on 3-pin XLR connectors — reliable connections on all output ports.
- 100 % electrical isolation between all inputs and outputs — prevents cross-port issues.
- High-speed Gigabit Ethernet powered by a Marvell switch — no linking delay, IEEE 802.3-2005 compliant for long cable runs.
- RDM-over-Art-Net compatible — efficient remote device management.
- Web-based configuration and monitoring from any browser — no additional software.
- Versatile mounting: surface, rack, floor or ceiling with included multi-directional brackets.

## At a glance

<p>⚡ <b>Power</b> 230 V AC, 11 W max</p>	<p>◆ <b>Protection</b> IP20, interior</p>	<p>≡ <b>Output</b> 8 × DMX512 ports</p>	<p>🌡️ <b>Temperature</b> -10 °C to +50 °C</p>	<p>✦ <b>Certification</b> CE</p>	<p>★ <b>Warranty</b> 5 years</p>
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## Interface matrix

Physical interfaces and their capabilities. All inputs and outputs are fully electrically isolated.

Interface	Qty	Connector	Type	Isolation	Protocols	Notes
DMX	8	3-pin XLR	DMX512	100 %	DMX · RDM	Configurable ports
Ethernet	2	RJ45 (IN / THRU)	Gigabit	—	Art-Net · sACN	Marvell switch
Display	1	LCD	Front panel	—	—	Back · Up · Down · Enter

## Specifications

<b>Series</b>	Art-Net / sACN Node
<b>Product code</b>	PL-NODE 8
<b>DMX ports</b>	8 × DMX512 — configurable
<b>DMX connectors</b>	3-pin XLR on all output ports
<b>Electrical isolation</b>	100 % — complete isolation between all inputs and outputs
<b>Protocols</b>	Art-Net · sACN · DMX
<b>RDM</b>	RDM-over-Art-Net compatible — remote device management
<b>Data input</b>	RJ45 Ethernet sockets — IN / THRU
<b>Network</b>	Gigabit Ethernet — Marvell switch, no linking delay, IEEE 802.3-2005
<b>Configuration</b>	Web interface — any browser, no additional software
<b>Display</b>	Front-panel LCD with navigation buttons (Back, Up, Down, Enter)
<b>Input voltage</b>	230 V AC via pre-connected 3-core 0.75 mm <sup>2</sup> cable
<b>Power consumption</b>	11 W max
<b>Mounting</b>	Surface, rack, floor or ceiling — multi-directional brackets included
<b>Dimensions</b>	L 343 mm × H 123 mm × D 46 mm
<b>Weight</b>	1.5 kg (3.3 lb)
<b>Housing</b>	MS / Aluminium
<b>Connector / cable</b>	3-core 0.75 mm <sup>2</sup> cable
<b>Operating temperature</b>	-10 °C to +50 °C
<b>Storage temperature</b>	-20 °C to +70 °C
<b>Environment / certification</b>	IP20, interior application · CE
<b>Origin / warranty</b>	Designed in Europe, assembled in India · 5 years

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## Dimensions

### Front panel



### Enclosure

L 343 mm × H 123 mm × D 46 mm;  
weight 1.5 kg (3.3 lb).

MS / aluminium enclosure. Surface, rack, floor or ceiling mountable with the included multi-directional brackets. IP20 — interior application only.

## Connections

### Network

- Gigabit Ethernet on RJ45 sockets — IN and THRU for daisy-chaining nodes without external switches.
- Marvell switch with no linking delay, IEEE 802.3-2005 compliant for long cable runs. Configuration and monitoring via the built-in web interface.

### DMX I/O & power

- 8 × 3-pin XLR DMX ports with 100 % electrical isolation between all inputs and outputs.
- RDM-over-Art-Net for remote fixture management. Power: 230 V AC through the pre-connected 3-core 0.75 mm<sup>2</sup> cable, 11 W max.

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## Configure your product

PL-NODE 8 is a single-model product — order by product code. Multi-directional mounting brackets are included.

Model	Configuration	Model	Configuration
PL-NODE 8	Art-Net / sACN to 8 × DMX node	—	Custom specification on request

### Example product codes

**PL-NODE 8** Art-Net to 8 × DMX Output Node

## Configuration & monitoring

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

### Access map

Interface	Access	Notes
LCD + buttons	Front panel	Back · Up · Down · Enter
Web interface	Any browser	No additional software
Ethernet THRU	Rear panel	Daisy-chain to next node

Port configuration and monitoring are available from either interface.

### Notes

- 100 % electrical isolation prevents cross-port faults from propagating.
- IP20 — interior application only; do not expose to moisture.
- Designed in Europe, assembled in India.