

# SYMPL pro Node (e:pix)



## e:cue SYMPL pro Node

The SYMPL pro Node is an eight-channel DMX / e:pix and RDM interface for use with e:cue's lighting control solution SYMPHOLIGHT. It provides eight independent DMX/RDM interfaces for eight DMX512 universes with 4096 channels. Also available as e:pix version (16384 channels). The SYMPL pro Node is especially designed for projects in tough outdoor environments. Connection to the server runs via Ethernet interface with 100 Mbit/s. The SYMPL pro Node can be powered by an external power supply or via Power-over-Ethernet. It is easily mounted on standard 35 mm DIN rails, or with a key hole in the housing base on walls or on any stable vertical surface. The SYMPL pro Node is a simple, reliable and easy to use interface solution for e:cue lighting control solutions with SYMPHOLIGHT.

## Highlights

- 8 independent interfaces for DMX512/RDM or e:pix/RDM
- Flexible mounting on 35 mm DIN rails or vertical surfaces
- Simple and easy integration in e:cue SYMPHOLIGHT
- Extended operating temperature -40 ... 70°C
- Embedded temperature & humidity sensors
- Backup-mode on data loss
- Integrated protection against surge
- Highly isolated outputs
- Power-over-Ethernet
- Reverse polarity protection
- Test mode via button
- Web interface for status and configuration

## Delivery scope

### Identcode

- e:cue SYMPL pro Node DMX AM255360031  
with CE only AM305660031
- e:cue SYMPL pro Node e:pix AM305690031
- Safety instructions
- Installation guide

## Optional accessories

- Power supply 15W 24V DIN rail AM1884100HA

## e:cue Interfaces

Lighting applications are heterogenous by nature. e:cue interfaces serve to integrate many networks, protocols and third party products into e:cue solutions. They also aid in applying special control functions for fixtures, they integrate analog or mechanical signaling into the digital world and offer bridging functions. e:cue interfaces are the links to bring together the many techniques and technologies of lighting control.

## Technical data

Dimensions (W x H x D)	143 x 92 x 62 mm/ 5.63 x 3.6 x 2.4 in (excl. fastening clip)
Weight	250 g / 0.55 lb
Power supply	24 ... 48 V DC (terminal plug) wire gauge: 0,21 ... 3,31 mm <sup>2</sup> , reverse polarity protection; or PoE IEEE 802.3af on RJ45
Power consumption	max. 8 W (incl. DMX termination)
Operating temperature	-40 ... 70 °C */ -40 ... 158 °F *
Storage temperature	-40 ... 70 °C / -40 ... 158 °F
Electrical safety	SELV
Op./storage humidity	0 ... 80% non-condensing
Protection Class	IP20
Housing material	Self extinguishing blend PC/ABS
Mounting	on 35 mm DIN rail (EN 60715), or with key hole on any stable vertical surface
Certification	CE, ETL, UKCA
Interfaces	8 x DMX512/RDM, or 8 x e:pix/RDM isolated in pairs, surge protection, 3-pin terminal plug wire gauge: 0.08 ... 1.31 mm <sup>2</sup>
Interface specifications	$V_{DMXmax} / V_{DMXmin} = 4.6 V / 0.8 V$ Short circuit protected: $I_{SCmax} = 100 mA$
Ethernet-Port	1 x e:net 10/100 Mbit/s RJ-45, surge protection
Sensors	Temperature -40 ... 120 ±0.2 °C Humidity 0 ... 100% (±2%)
User interface	LEDs for error, Ethernet activity, device status, DMX/RDM status Identify button, Test button

\* 70 °C / 158 °F for max. 1 hour/day; continuous operation at max. 60 °C / 140 °F.

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Conforms to ANSI/UL Std. 62368-1

Intertek Certified to CSA Std. C22.2 NO. 62368-1  
4000805



## Dimensions

All measures in mm

