8-Port Ethernet DMX Node

XND-8

8-port network to DMX converter with support for sACN and Art-Net 1 through 4.

- Art-Net and sACN to DMX converter for 8 independent universes
- Supports Art-Net 1 through 4 (DMX and RDM)
- sACN release and draft version
- 8 individually optically isolated DMX ports
- Graphic display and encoder knob for easy configuration and precise status information
- Quick access button for each DMX port for quick selection of Art-Net or sACN universe
- Web interface for status observation, adjusting settings and firmware updates
- Neutrik powerCON input and output
- Universal power supply

XND-8 is a user-friendly Art-Net and sACN to DMX converter supporting the distribution of eight universes of DMX via eight individually optically isolated DMX ports, each configurable as input or output. Since most major lighting consoles are capable of transmitting Art-Net data, XND-8 is all you need to take advantage of your console's networking capability, allowing you to transmit a vast number of universes over one single network cable.

Furthermore, the XND-8 is also perfectly suited to send DMX data to your fixtures from a computer or even from a mobile device. Many light controller programs for PC or Mac support Art-Net output natively and with the help of XND-8's DHCP capability, you can even let your workplace network infrastructure do the network configuration of your XND-8 automatically for you.

With its 128x64 pixels OLED display and the intuitive web interface, configuring the network and setting up your Art-Net or sACN preferences manually is no trouble at all and helpful status information is always at hand.

If two controllers send data to the same universe, XND-8 automatically merges the DMX data, which makes the integration of a second lighting controller straightforward and may prove helpful for fixture testing during the setup of an installation.
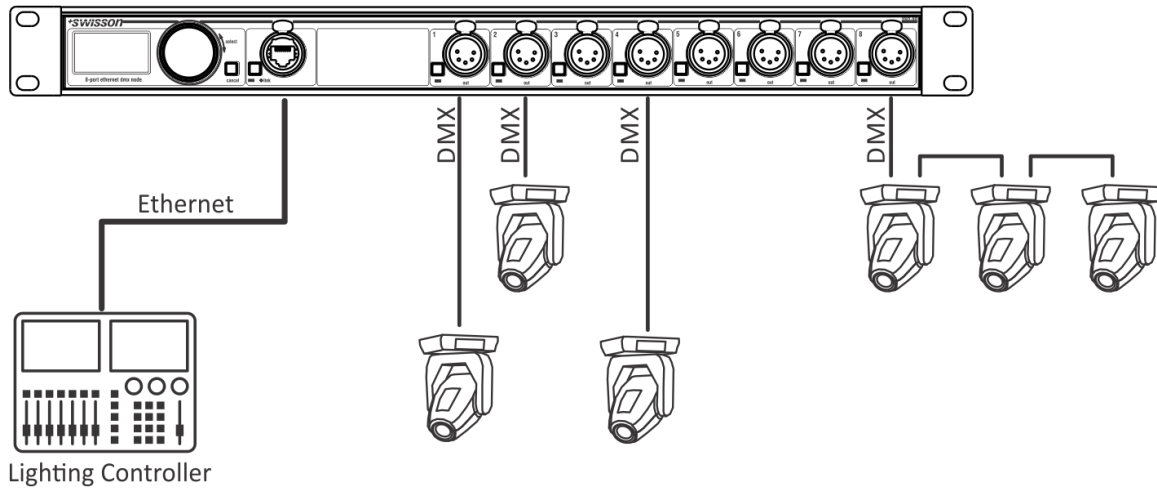
Fields of Application

- Architectural lighting
- Convention centers
- Churches
- Schools
- Theme parks
- Theaters, operas
- Multimedia shows

Applications

- Control light shows from an Art-Net capable lighting desk
- Control lighting fixtures using an Art-Net enabled PC software or a mobile device
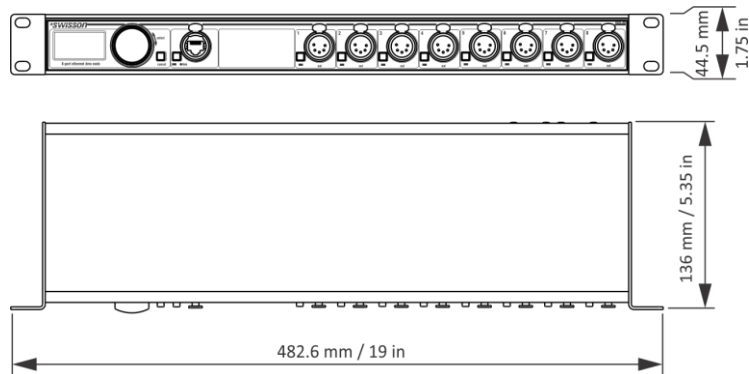- Merge the light controlling data sent from two Art-Net controllers

Typical Application

Ethernet

DMX DMX DMX DMX

Lighting Controller

Models

XND-8R3   10 48 30

8-port Ethernet DMX node, rack mountable, 3-pin XLRs

XND-8R5   10 48 31

8-port Ethernet DMX node, rack mountable, 5-pin XLRs

XND-8R8   10 48 32

8-port Ethernet DMX node, rack mountable, RJ45 etherCON

Specification

Weight .... ca. 1800 g / 4 lb.

Ambient temperature .... −30 – 50°C / −22 – 122°F

Typical power consumption .... 11 W

AC power input........................... 100-240 V AC

Ethernet .... 10BASE-T / 100BASE-TX, auto negotiating, auto MDI-X

Network protocols....................... sACN, sACN draft version (v0.2), Art-Net 1 through 4

DMX.. ANSI E1.11

RDM (output ports only) .... ANSI E1.20

Signal ports................................. EIA-485

44.5 mm / 1.75 in

136 mm / 5.35 in

482.6 mm / 19 in

RoHS 2002/95/EC   CE

Subject to change without notice.

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