

## Four port DMX/Ethernet interface

model: NODE4

technical data sheet



The NODE4 is an Ethernet to DMX interface. It accepts E1.31 sACN, draft sACN, ArtNet, Strand Shownet, and KiNet. There are four fully isolated DMX ports. Each port can be configured as either an input or as an output. All of the data connectors can be mounted on either the front or rear panel. Their location can be changed in the field to accommodate fixed or touring installations.

The factory default configuration covers most applications. An easy to use control panel gives access to all network settings if a change is needed. The back lit 2 line by 20 character LCD and LED indicators give quick status feedback.

Configuration is a breeze, just choose what you want to setup by selecting the port or network adapter via the "SELECT" keys. Use the arrow keys to find the option you want to change hit "ENTER" use the arrows to change the value and "ENTER" again to save. You can use "BACK" at any time to disregard changes and return to the above menu.

The NODE4 features a universal input power supply and a rugged enclosure. An optional rack mounting kit is available (model RK16-1). Holes are provided for easy truss mounting using a C-clamp or half-coupler.

### PORT SPECIFICATIONS

Port circuit: EIA-485 transceiver with 120 ohm fail safe termination between +Data and -Data

NOTE: This product uses a slew-rate-limited output drivers. Slew-rate-limited drivers minimize EMI and reduce reflections caused by improperly terminated cables.

Input signal: 0.2 volts minimum, 12 volts maximum

Output signal: 1.5 volts (minimum) into 120 Ohm Termination

Connectors: Gold plated 5 pin XLR (typically four female connectors, male on request)

Port protection: +60V continuous, +15KV transient

Isolation: 600 volts

## **ETHERNET SPECIFICATIONS**

Ethernet Circuit: 100BASE-TX Fast Ethernet, Auto detects if crossover or regular cable is used, and speed negotiation up to 100Mbps.

Connector: Neutrik Ethercon

Isolation: 1500 Volts

Network Protocols: E1.31 sACN, draft sACN, ArtNet, Strand Shownet, KiNeT

## **MAIN SPECIFICATIONS**

Power input: 6W, 100 to 240 VAC 50/60 Hz

Color: Front, Back: Black  
Top, Bottom, Sides: Silver Hammertone

Size and weight: 10.375" deep, 1.7" high, 16.5" wide  
6 pounds

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