Network to DMX Interface
Model: NODE4
Technical Data Sheet

The Node 4 is an Ethernet to DMX interface. It accepts either Artistic License's ArtNet (version 3) or PLASA's streaming ACN (ANSI E1.31) protocol. 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. Optional terminal block connections are available for the DMX ports.

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 anytime to disregard changes and return to the above menu.

The Node 4 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.

Like all Doug Fleenor Design products, the Node 4 has a five year warranty. Give us a call with any questions. We like to talk with our customers.

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), Terminal Blocks Optional
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 100Mbits.
Connector:	Neutrik Ethercon
Isolation:	1500 Volts
Network Protocols	Artnet, Streaming ACN, Draft Streaming ACN

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