

PATHPORT 2-PORT GATEWAY, eDIN

#6822



PRODUCT OVERVIEW

Pathport 2-Port DMX/RDM gateway is a compact node for encoding, routing and decoding DMX512 data over a standard Ethernet network. In addition to DMX, the Pathport 2-Port supports RDM discovery and configuration data transport.

DIN-rail mountable for fast installation in existing cabinets, or also available as part of a complete ETL-listed assembly.

FEATURES

- Two DMX512 ports - user configurable as input or output
- E1.11 DMX512A and E1.20 Remote Device Management (RDM) compliant
- LED indicators for port direction, power, Ethernet link activity and identify
- Operates on 802.3af Power-over-Ethernet or on an 18-48V wide-range DC input
- Pluggable screw terminal connector block for power IN and OUT
- Two sets of pluggable terminal blocks for all DMX512 connections to support both shielded twisted pair and CAT5/6
- Supports the following DMX/Ethernet protocols
 - Art-Net
 - E1.31 streaming ACN (sACN)
 - Pathport Protocol
 - Strand Shownet
- Fully compatible with all Pathport gateways and eDIN interfaces
- Configuration is set using Pathscape, a free download at www.pathwayconnect.com
- Soft patch allows mix-and-match of different protocols
- Route DMX according to universe or channel-by-channel
- Multiple sources may be merged and/or prioritized
- Fully customize DMX output universes

SPECIFICATIONS

- PoE-powered Class 1 device, 4W max power consumption
- Auxiliary input voltage, 18-48V
- 60V protection on each port
- 10Mb TCP/IP connection
- Operating Conditions: 14°F-118°F (-10°C to 48°C); 10-90% relative humidity, non-condensing

STANDARDS COMPLIANCE

- ANSI E1.11 DMX512-A(2008)/USITT DMX512(1990)
- ANSI E1.20 RDM(2010) - Remote Device Management
- RoHS 2002/95/EC
- Class 2 Low Voltage

WEIGHTS AND DIMENSIONS

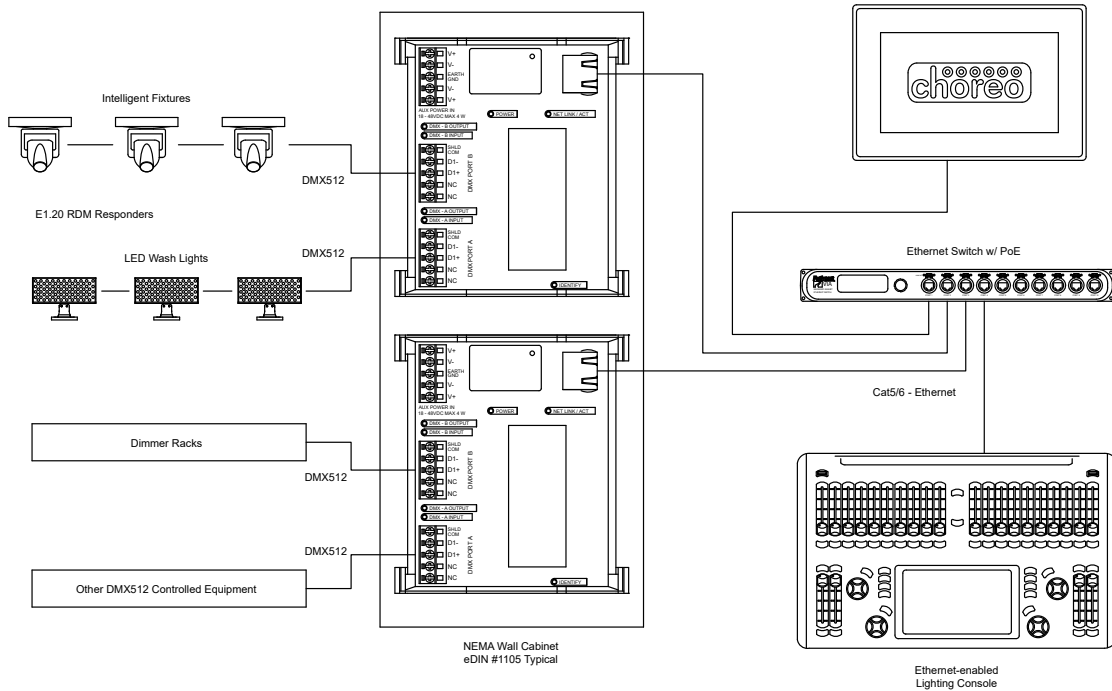
- 0.4 lbs (0.18 kg)
- 4.5"W x 4"H x 1.9"D (113mm x 103mm x 48mm)

INCLUDED FURNISHINGS

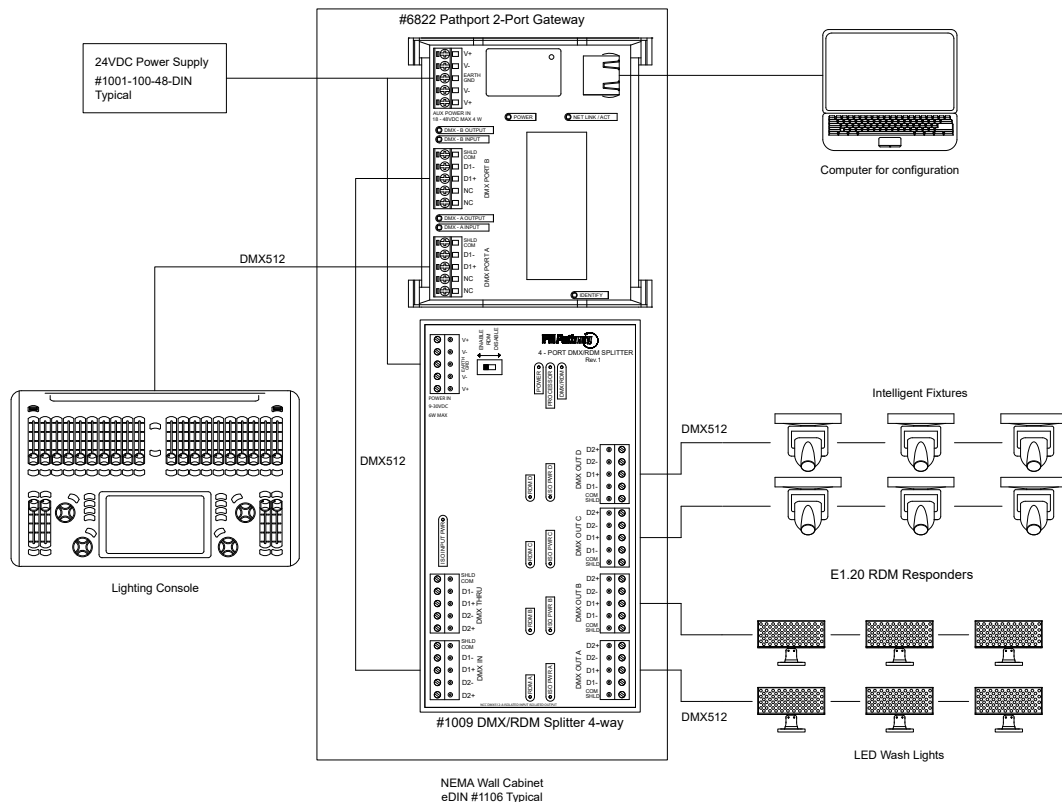
- DIN tray (housing) with end caps
- 11" (280mm) piece of DIN rail
- Installation/Operations manual

APPLICATION RISER

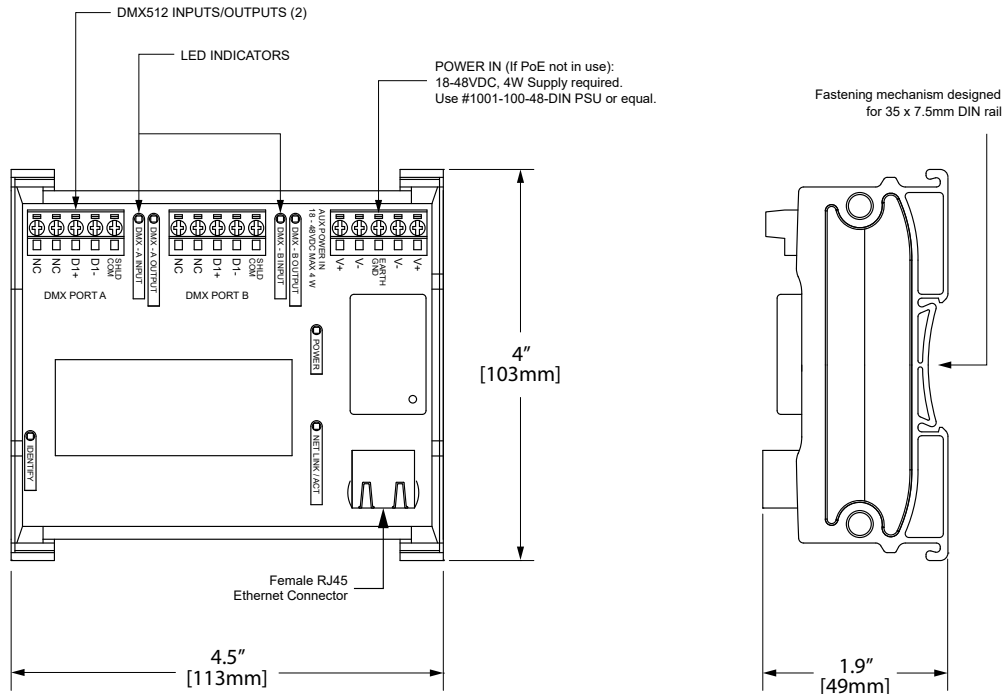
Standard Ethernet Layout



RDM Configuration Access Point



DIMENSIONS



DMX PIN OUTS

DMX512/RDM
PINOUT:
FOR SHIELDED
TWISTED PAIR

XLR PIN #	PURPOSE
1	Shield
2	Data - (complement)
3	Data + (true)
4	Not Used
5	Not Used

DMX512/RDM
PINOUT:
FOR CAT 5/6

XLR PIN #	CAT5/6 Pin # and Color	PURPOSE
3	1 - White/Orange	Data 1 + (true)
2	2 - Orange	Data 1 - (complement)
5	3 - White/Green	Not Used
4	6 - Green	Not Used
-	4 - Blue	Not Used - do not connect
-	5 - White/Blue	Not Used - do not connect
1	7 - White/Brown	Shield/COM
1	8 - Brown	Shield/COM

PART #	DESCRIPTION
6822	Pathport 2-Port Gateway, eDIN
ACCESSORIES	
1001-100-48-DIN	100 Watt, 48VDC Power Supply, DIN-Mountable
1103	Rack-mount Panel Kit (2RU) with two 16.5" (420mm) sections of DIN rail
1105	Small eDIN Enclosure (NEMA1) with 9.5" (240mm) of vertical DIN rail
1106	Large eDIN Enclosure (NEMA1) with 19.5" (495mm) of vertical DIN rail
1107	Large eDIN Enclosure (NEMA1) with three rows of 9.5" (240mm) horizontal DIN rail
1108	eDIN System Enclosure, 10" x 13" x 4.5" c/w Two 9" Horizontal DIN Rail
1109	Expanded eDIN System Enclosure 18.5" x 31.5" x 6.5" c/w Three 24" Vertical DIN Rail, One 18" DIN Rail in Class 1 section, two 3-gang knockouts in removable door
4000	eDIN Enclosure Assembly Service