CATALOG NUMBER

DATE

PROJECT

PATHPORT WALL-MOUNT
DMX/RDM ETHERNET GATEWAY

Model shown: **PWPP WM P2 XLR5M BL**

WARRANTY

3-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: https://www.acuitybrands.com/support/warranty

NOTE

Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

OVERVIEW

The Pathport® series of DMX/RDM Ethernet Gateways are the heart of DMX distribution.

The Wall-mount 2-Port is the original and most popular Pathport® Gateway. It is suitable for flush-mount or permanent installation, in an attractive Matte Black finish.

Connect DMX512 control devices and send data over an Ethernet network to DMX512-capable end devices such as intelligent lighting fixtures, LEDs, Dimmers, and more. Each port can be configured as an Input or Output as needed.

Advanced features include extensive protocol support, slot-by-slot patching using multiple sources, cross-fading on priority change, and signal loss behavior. Different Ethernet protocols may be merged together and prioritized. The front panel LCD provides instant confirmation of DMX port and network link status.

FEATURES

- Convert DMX512 to Ethernet protocol for distribution
- Convert Ethernet protocol to DMX512 for end devices
- Two configurable DMX ports
- 10Mbps Ethernet port (PoE)
- Backlit LCD displays device name, network link status, and DMX Port information
- DMX output configured as whole universes or custom slot-by-slot patch
- Map up to eight control sources to each output slot, with merge and/or priority options for each source
- Acts as E1.20 RDM controller, when used with free Pathscape configuration software or ANSI E1.33 RDMnet compliant controllers
- User-configurable DMX output speed and signal loss behavior
- Fits standard 2-gang, deep backbox
- Supports the following Ethernet sending and receiving protocols:
  - Pathway ssACN (Secure sACN)
  - E1.31 streaming ACN (sACN)
  - Art-Net
  - Pathport Protocol
  - ShowNet
- Operates on Power-over-Ethernet (PoE) or auxiliary 24-48VDC input
- Also available in DIN-mount (PWPP DIN) form factor, portable/truss-mount (PWPP DT / PWPP TM) or handheld (PWPP HH) form factors

ORDERING INFORMATION

PWPP				EXAMPLE: PWPP WM P2 XLR5F BL
Series	**Form Factor**	**Port Quantity**	**Port Type**	**Finish**
PWPP Pathway Pathport DMX/RDM Gateway	**WM** Wall-mount	**P2** 2 DMX Ports	**XLR5M** XLR 5-Pin Male **XLR5F** XLR 5-Pin Female **XLR5MF** 1 XLR 5-Pin Male, 1 XLR 5-Pin Female	**BL** Black

Accessories	
PWACC WMP2	Pathway Accessory, Pathport Dual Gang Wall Mount Enclosure (c/w knockouts)
PWACC TMP2	Pathway Accessory, Pathport P2 Portable/Truss Mount Enclosure
PWACC PPREFURB	Pathway Accessory, Pathport 2-port Refurbishment Kit

© 2022 Acuity Brands Lighting, Inc. All Rights Reserved. Rev. 08/31/22

SPECIFICATIONS

Electrical

Input Ratings
PoE Class 1 device
24--48VDC auxiliary power input
4W maximum power consumption

Isolation & Fault Protection
250V fault protection on DMX ports

Regulatory Compliance
CE

Mechanical

Dimensions
4.5" W x 4.6" H x 2.75" D (114mm W x 117mm H x 70mm D)

Weight
0.7 lb (0.32 kg)

Environmental

Operating Temperature
14°F to 122°F (-10°C to 50°C)

Relative Humidity
5-95%, non-condensing

Standard Compliance
RoHS 2011/65/EU + A1 2015/863

General

Compliance
ANSI E1.11 DMX512-A R2013
ANSI E1.20 RDM - Remote Device Management
ANSI E1.31 sACN - Streaming ACN, Art-Net, Strand ShowNet, Pathway ssACN
ANSI E1.33 RDMnet - RDM over IP
IEEE 802.3af Power-over-Ethernet
California Title 1.81.26, Security of Connected Devices

PART NUMBER CROSS-REFERENCE

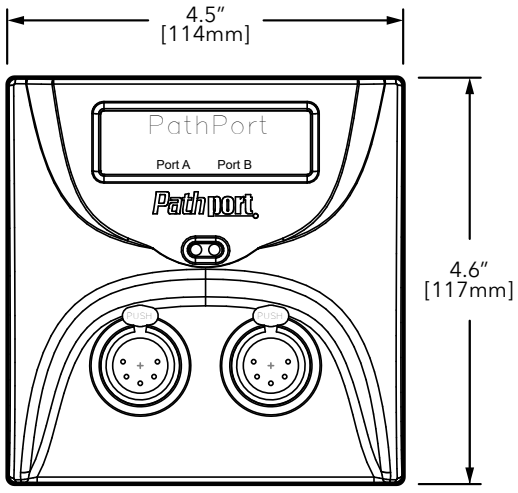
PREVIOUS	NEW	
Part Number	**Catalog Number**	**Description**
6201BL	PWPP WM P2 XLR5M BL	Pathport, Wall-mount, 2-Ports, XLR 5-Pin Male, Black
6202BL	PWPP WM P2 XLR5F BL	Pathport, Wall-mount, 2-Ports, XLR 5-Pin Female, Black
6203BL	PWPP WM P2 XLRMF BL	Pathport, Wall-mount, 2-Ports, XLR 5-Pin Male and XLR 5-Pin Female, Black

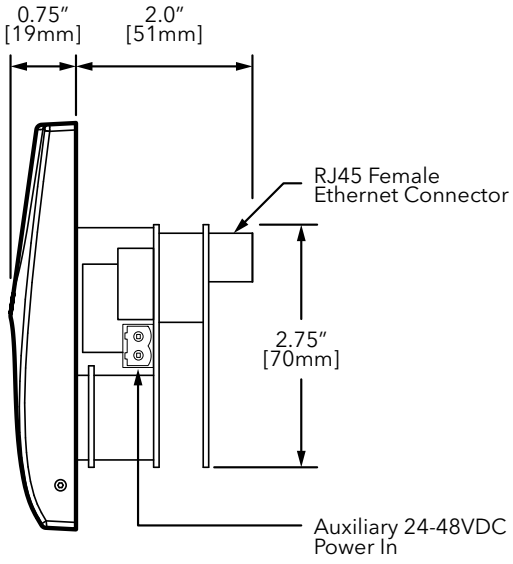
© 2022 Acuity Brands Lighting, Inc. All Rights Reserved. Rev. 08/31/22

WIRING

DMX512 / RDM PINOUT		
Purpose	**XLR / Terminal Block Pin #**	**RJ45 PIN # and Wire Color**
Shield / Common	1	7 - White / Brown
Data - (complement)	2	2 - Orange
Data + (true)	3	1 - White / Orange
Not Used	4	6 - Green
Not Used	5	3 - White / Green
Not Used - Do Not Connect	N/A	4 - Blue
Not Used - Do Not Connect	N/A	5 - White / Blue
Not Used - Do Not Connect	N/A	8 - Brown

DIMENSIONS

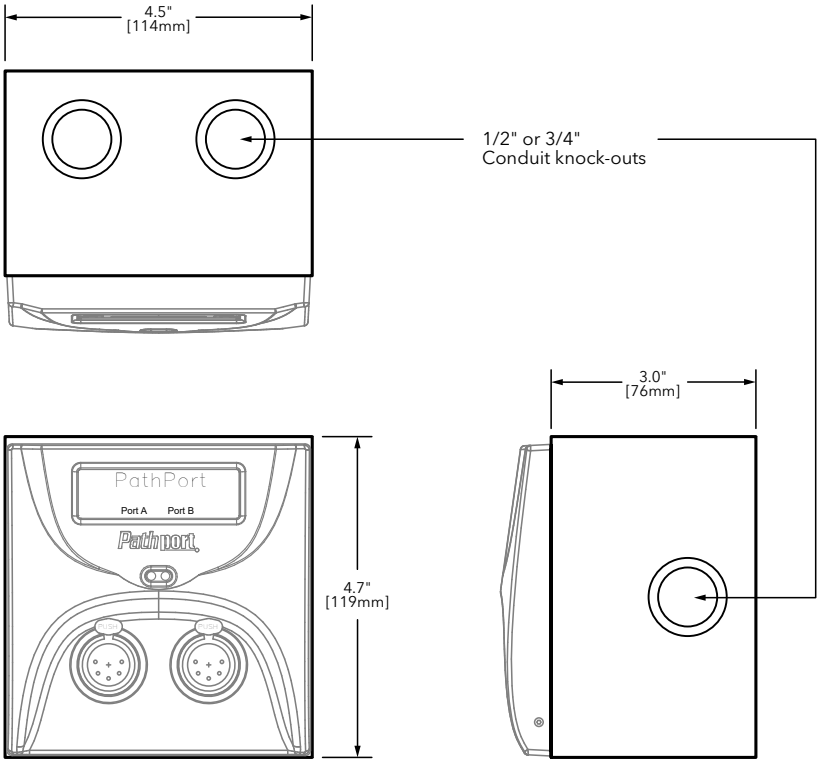




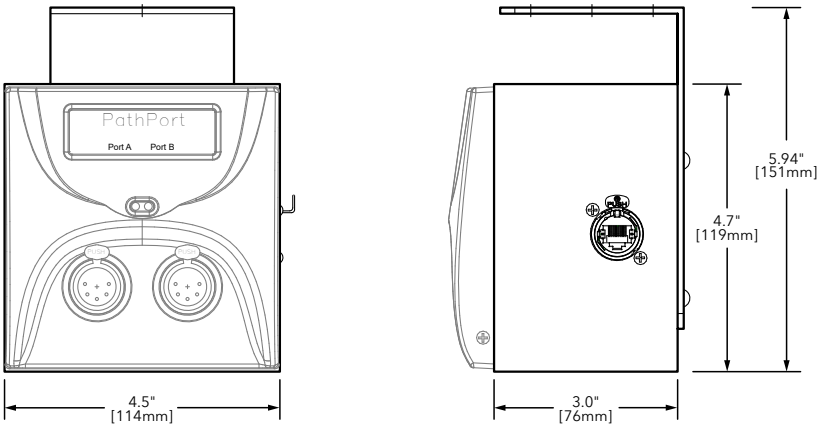
© 2022 Acuity Brands Lighting, Inc. All Rights Reserved. Rev. 08/31/22

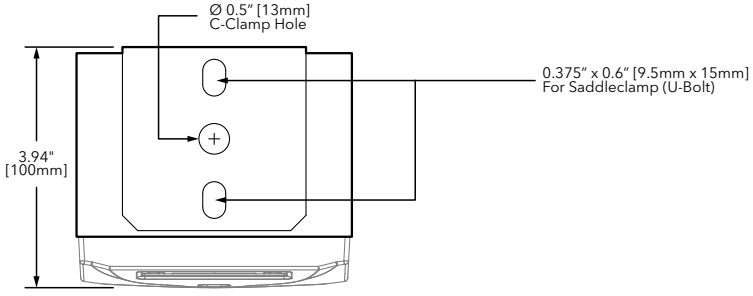
WALL-MOUNT AND PORTABLE/TRUSS-MOUNT ACCESSORIES

PWACC WMP2
Wall-mount Enclosure



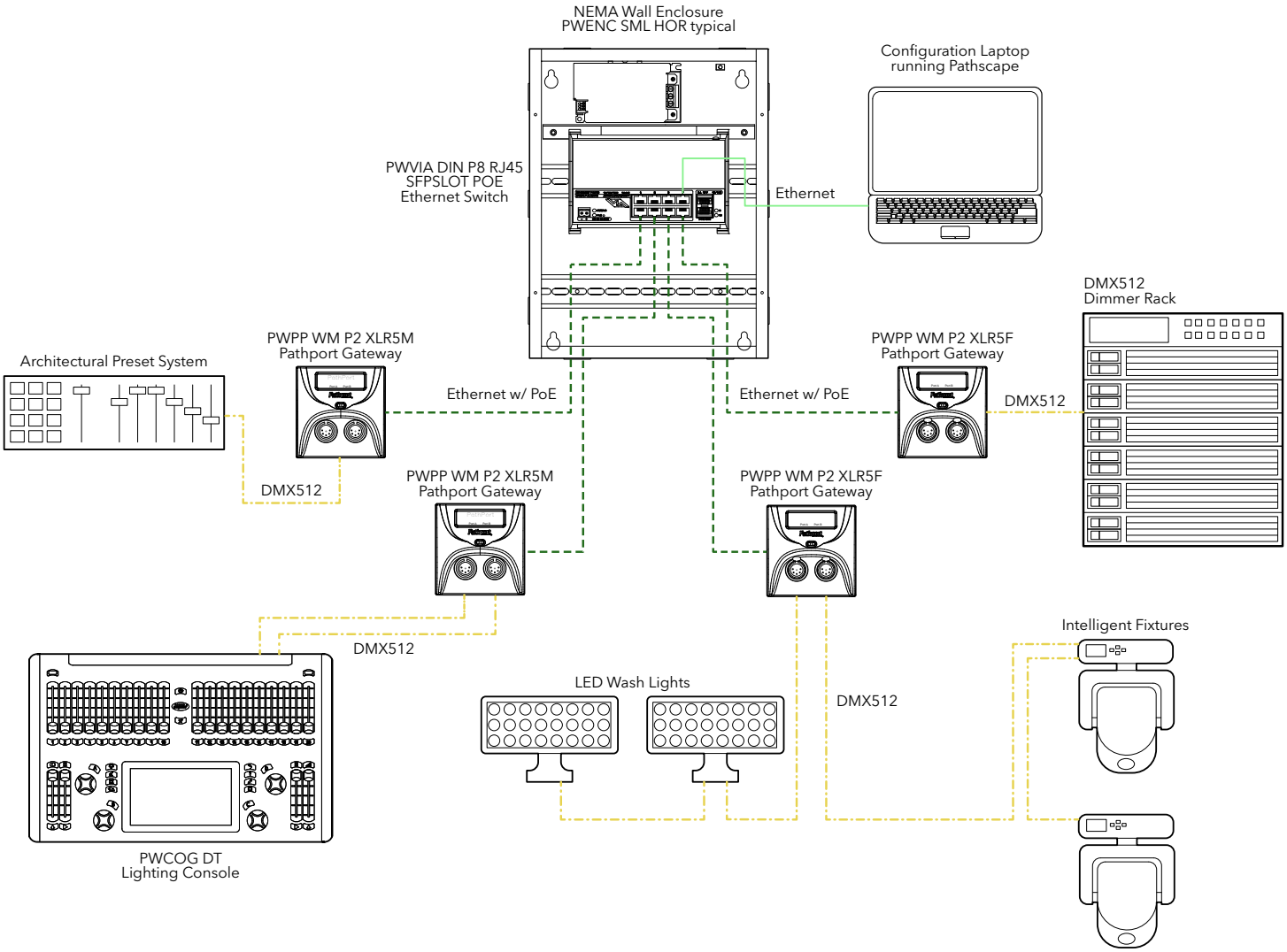
PWACC TMP2
Truss-mount Enclosure





© 2022 Acuity Brands Lighting, Inc. All Rights Reserved. Rev. 08/31/22

APPLICATION RISER



© 2022 Acuity Brands Lighting, Inc. All Rights Reserved. Rev. 08/31/22