

PATHPORT WALL-MOUNT DMX/RDM ETHERNET GATEWAY



Model shown: PWPP WM P1 XLR5F BL

WARRANTY

3-year limited warranty. 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 Pathport[®] Wall-mount 1-Port Gateway is ideal for venues and applications where a simple and inconspicuous single DMX Port is needed.

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. The 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. Status LEDs provide instant confirmation of port activity.

FEATURES

- Convert DMX512 to Ethernet protocol for distribution
- Convert Ethernet protocol back to DMX512 for end devices
- One configurable DMX port
- 10 Mbps Ethernet port (PoE)
- LED Indicators for DMX status and Ethernet link activity
- 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
- Supports the following DMX-over-Ethernet sending and receiving protocols:
 - Pathway ssACN (Secure sACN)
 - E1.31 streaming ACN (sACN)
 - Art-Net
 - Pathport Protocol
 - ShowNet
 - ETC Net2 (Output Only)
- Elegant design suitable for any location; includes attractive single-gang faceplate
- Operates on Power-over-Ethernet (PoE) or auxiliary 24-48VDC input
- Also available in DIN-mount (PWPP DIN) form factor

ORDERING INFORMATION

PWPP		EXAMPLE: PWPP WM P1 XLR5F BL				
Series	Form Factor	Port Quantity	Port Type		Finish	
PWPP	Pathway Pathport DMX/RDM Ethernet Gateway	WM Wall-mount	P1	1 DMX Port	XLR5M XLR 5-Pin Male XLR5F XLR 5-Pin Female	SS Stainless Steel BL Black

Accessories

PWACC WMP1 Pathway Accessory, Pathport Single Gang Wall Mount Enclosure (c/w knockouts)

SPECIFICATIONS

Electrical

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

Isolation & Fault Protection 60V fault protection on DMX port

Standard Compliance CE

Mechanical

Dimensions 1.3" W x 4.1" H x 2.0" D (33mm W x 104mm H x 52mm D)

Weight 0.2 lbs (0.09 kg)

Environmental

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

Relative Humidity 5-95%, non-condensing

Standard Compliance RoHS 2011/65/EU: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	
6101SS	PWPP WM P1 XLR5M SS	Pathport, Wall-mount, 1-Port, XLR 5-Pin Male, Stainless Steel	
6102SS	PWPP WM P1 XLR5F SS	Pathport, Wall-mount, 1-Port, XLR 5-Pin Female, Stainless Steel	
6101BL	PWPP WM P1 XLR5M BL	Pathport, Wall-mount, 1-Port, XLR 5-Pin Male, Black	
6102BL	PWPP WM P1 XLR5F BL	Pathport, Wall-mount, 1-Port, XLR 5-Pin Female, Black	

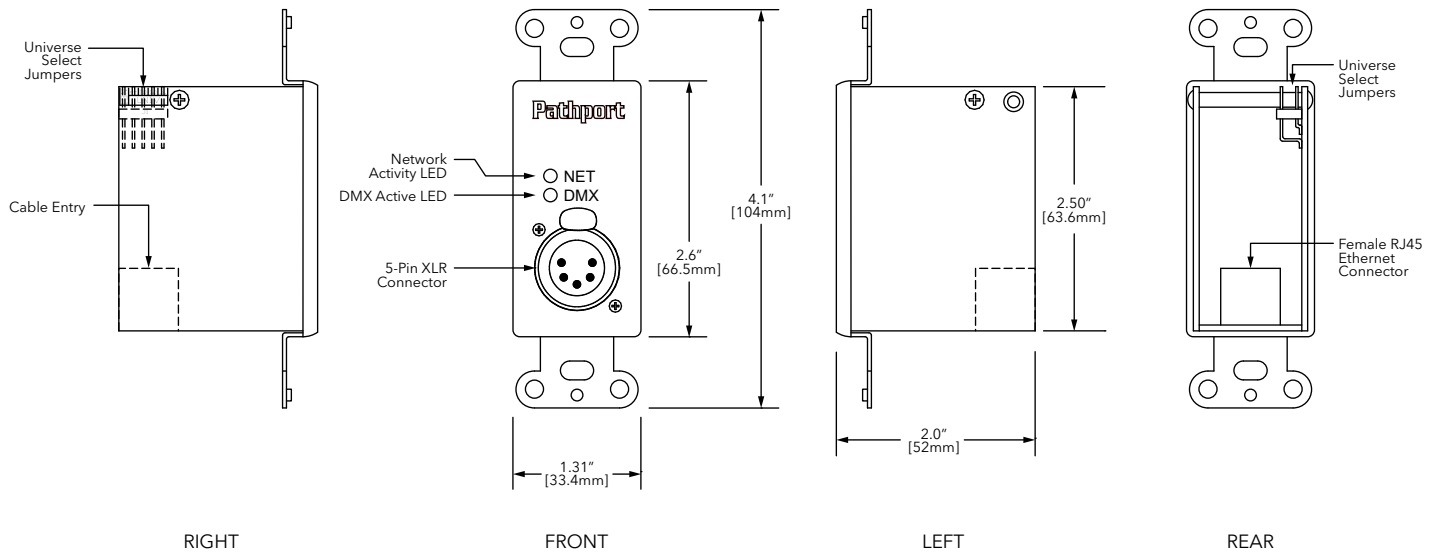
WIRING

DMX512 / RDM PINOUT		
Purpose	XLR / Terminal Block Pin #	RJ45 PIN # and Wire Color
Shield / Common	1	7 - White / Brown or 8 - Brown ¹
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

Notes

1. For Insulation Displacement Contact (IDC) connectors, connect *only one* of these wires.

DIMENSIONS



APPLICATION RISER

