PATHPORT WALL-MOUNT
2-PORT REFURBISHMENT KIT

OVERVIEW

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

The Pathport® Wall-mount 2-Port Refurbishment Kit provides a simple, fast update to key electronic components of all Wall-mount 2-Port Pathport Gateway models.

Greatly extend the life of an existing installation while ensuring access to the latest industry standards and protocols.

Refurbishment should be considered for all Wall-mount 2-Port gateways manufactured prior to 2010, if the device has "BootP" issues or cannot be upgraded to the current firmware. Models include, but aren't limited to: PWPP WM P2, 6201, 6202, 6203, or 6229.

The PWACC PPREFURB kit is not compatible with any other gateways including Rack-mount or DIN-mount models.

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.

FEATURES

- Simple component replacement new non-volatile RAM and processing for existing Pathport Wall-mount 2-Port gateways
- Ensures compatibility with modern protocols, universe counts and show distribution practices
- 10 Mbps Ethernet port (PoE)
- Map up to eight control sources to each output slot, with merge and/or priority options for each source
- 2-Port gateways act as E1.20 RDM controllers, when used with free Pathscape configuration software or ANSI E1.33 RDMnet compliant controllers
- Supports the following DMX-over-Ethernet sending and receiving protocols:
  - Pathway ssACN (Secure sACN)
  - E1.31 streaming ACN (sACN)
  - Art-Net
  - Pathport Protocol
  - ShowNet
- Not suitable for gateways with damaged LCD or I/O ports
- Not compatible with Rack-mount or DIN-mount Gateways

ORDERING INFORMATION

PWACC		EXAMPLE: PWACC PPREFURB
Series		**Model**
PWACC	Pathway Accessory	**PPREFURB** Pathport 2-Port Refurbishment Kit

SPECIFICATIONS

Electrical

Input Ratings	PoE Class 1 device 4W maximum power consumption
Standard Compliance	CE

Mechanical

Dimensions	3.51" W x 2.78" H x 1.06" D (89mm W x 70.6mm H x 27mm D)
Weight	1.3 oz (37 g)

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 + A1 2015/863

General

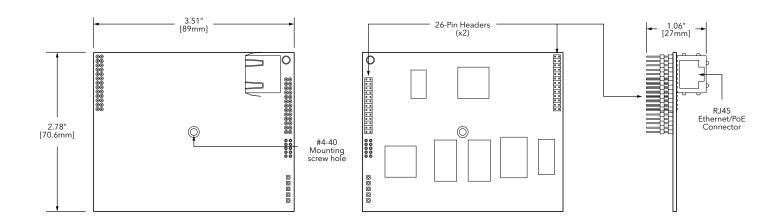|	
Compliance	ANSI E1.11 DMX512-A R2013 ANSI E1.20 RDM - Remote Device Management ANSI E1.31 sACN - Streaming ACN, Art-Net, Strand ShowNet, Pathway ssACN ANSI E1.33 RDMnet - RDM over IP IEEE 802.3af Power-over-Ethernet California Title 1.81.26, Security of Connected Devices

PART NUMBER CROSS-REFERENCE

PREVIOUS	NEW	
Part Number	**Catalog Number**	**Description**
6299	PWACC PPREFURB	Pathway Accessory, Pathport 2-port Refurbishment Kit
6201	PWPP WM P2 XLR5M BL	Pathport, Wall-mount, 2-Ports, XLR 5-Pin Male, Black
6202	PWPP WM P2 XLR5F BL	Pathport, Wall-mount, 2-Ports, XLR 5-Pin Female, Black
6203	PWPP WM P2 XLR5MF BL	Pathport, Wall-mount, 2-Ports, XLR 5-Pin Male and XLR 5-Pin Female, Black

DIMENSIONS

3.51"
[89mm]

2.78"
[70.6mm]

#4-40
Mounting
screw hole

26-Pin Headers
(x2)

1.06"
[27mm]

RJ45
Ethernet/PoE
Connector

INSTALLATION PROCEDURE

Prior to installing, save a show file with Pathscape. During replacement, cross-reference the MAC address of each replacement core with the IP address used at each installed location.

- Disengage gateway from back box by removing the #4-40 Phillips retaining screws or hex nuts from either side of gateway face. Keep these screws. Gently lift the device out of box by pulling the bottom of the faceplate forward, then lifting the top off the trim ring.

- Unplug Ethernet cable and the 24VDC cable plug, if used.

- Remove the #4-40 screw in the center of the existing core board. Older Pathport gateways may have a white plastic post instead of a screw. The post head may be gently broken off to allow removal of the core board.

- Grasp the existing core board firmly and ease the two 26-pin headers out of their sockets on the I/O board beneath until the core board is free.

- Install the new core by carefully aligning the two 26-pin headers on the replacement core to the sockets on the I/O board, ensuring to keep the board orientation the same as the old core board.

- One firmly seated, test by restoring power - in most cases simply by replugging the Ethernet cable. The gateway should boot up normally.

- If desired, install the #4-40 screw to the standoff. Installation of this screw is not possible on older gateways and isn't absolutely required for operation.

- Reinstall the device by hooking the top of the faceplate on the trim ring, easing it into the backbox and replacing the retaining screws.

After installation, launch Pathscape and load the saved show file to identify new cores by MAC address. Highlight the old, offline device and right-click to "**Replace Device**" to clone all patch and configuration information, including IP settings, from the former core to the replacement core.

REFURBISHMENT LIMITATIONS

Use of the refurbishment kit will not correct damage to the DMX I/O ports, or correct problems with the LCD such as screen rendering or loss of backlight. Gateways with LCD issues or non-functioning DMX ports should be replaced in their entirety.

The installation of a refurbishment kit will change the serial number, MAC address and default IP settings for the affected device. Please note that although Pathway Connectivity will extend warranty to the replacement core board, all other components retain their original warranty period.