

## VIA GIGABIT ETHERNET SWITCH

# #6742



## PRODUCT OVERVIEW

Pathport VIA #6742 is a gigabit Ethernet switch designed specifically for lighting, sound and video signal routing in live entertainment applications. Unlike switches designed and marketed for office and communication applications, VIA ships as an unmanaged switch, pre-configured and optimized for entertainment network use, with twelve Ethercon® RJ45 copper ports and two OpticalCON® DUO locking connectors for multi-mode fiber. When needed, VLANs, EAPS and other Layer 2/3 management features are easily accessed and configured using the front panel interface or using Pathport Manager or VIA Manager software.

## FEATURES

- Illuminated LCD display and rotary encoder for displaying and setting switch and port properties
- Settable properties include IP Address, Subnet Mask, Default Gateway, VLAN configuration, per-VLAN IP settings, EAPS ring protection, link speed, PoE enable/allocation/disable, IGMP enable, QoS, DHCP, Art-Net to sACN Trap-and-Convert
- Properties reported: Switch Name, Port Name, PoE usage, Serial Number, MAC address, firmware version, connected devices (LLDP compliant), link status, bandwidth usage, active multicast groups
- Supports Ethernet Automatic Protection Switching (EAPS), Link Layer Discovery Protocol (LLDP), Dynamic Hosting Configuration Protocol (DHCP), Internet Group Management Protocol (IGMP), Dante-compliant QoS
- Fully interoperable with other VIA models
- Twelve locking Ethercon RJ45 ports (ten on front panel, two on rear) support 10/100/1000Base-T speeds; two locking OpticalCON rear panel ports for multi-mode LC fiber optic lines
- Wide range input power supply with Powercon® In and Thru accommodates all countries mains voltage and frequency
- 1 RU high housing with integral rack ears fits 19" rack
- Hardware supports PoE (requires external power supply)

## SPECIFICATIONS

- 90-250VAC wide-ranging power input
- Powercon AC Input and Through connectors—  
DO NOT CONNECT MORE THAN 6 VIA SWITCHES TOGETHER  
ON ONE AC INPUT
- Operating conditions: -10 to +50°C, 10-90% relative humidity, non-condensing
- 1.5A power consumption
- Speakon® locking connector for 48VDC external PoE supply

## STANDARDS COMPLIANCE

- IEEE 802.1AB Link Layer Discovery Protocol
- IEEE 802.3af—Power over Ethernet (with external supply)
- CE
- ETL
- RoHS 2002/95/EC

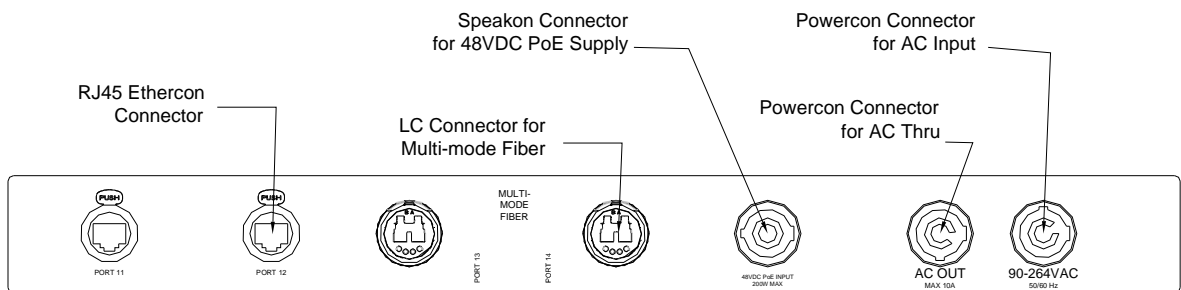
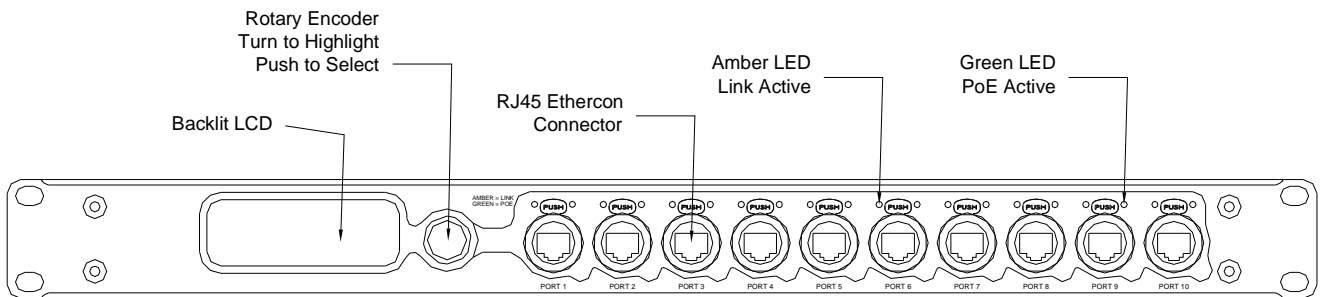
## WEIGHTS AND DIMENSIONS

- 5.2 lb (2.4 kg)
- 17 x 12 x 1.7 in (432 x 305 x 40mm), excluding face plate

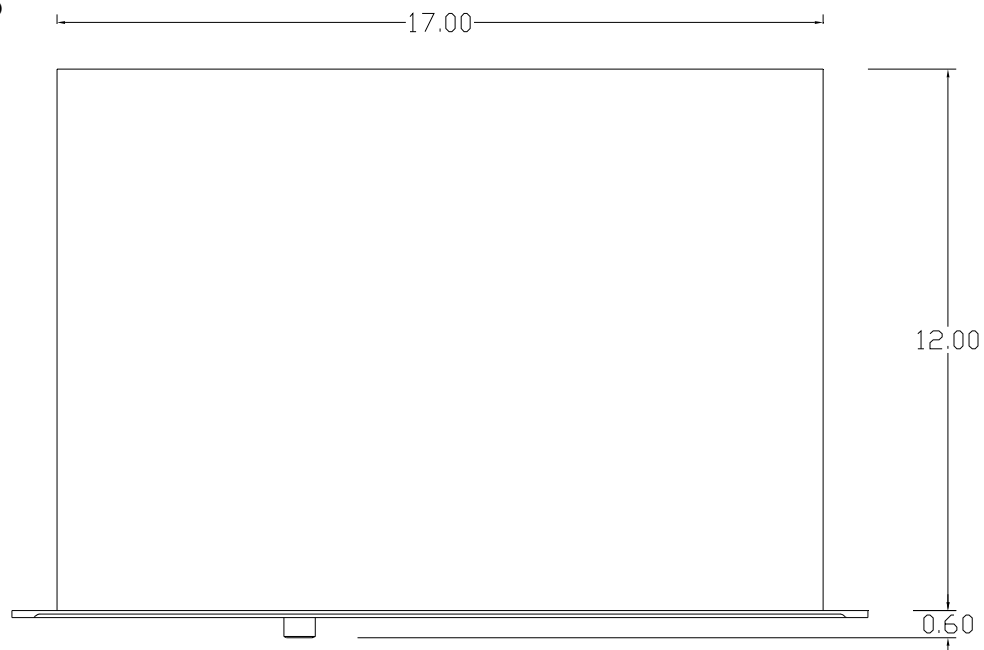
## INCLUDED FURNISHINGS

- Installation/Operations manual

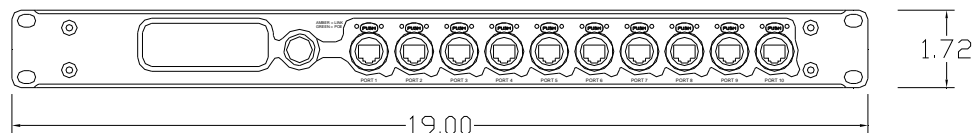
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## DIMENSIONS

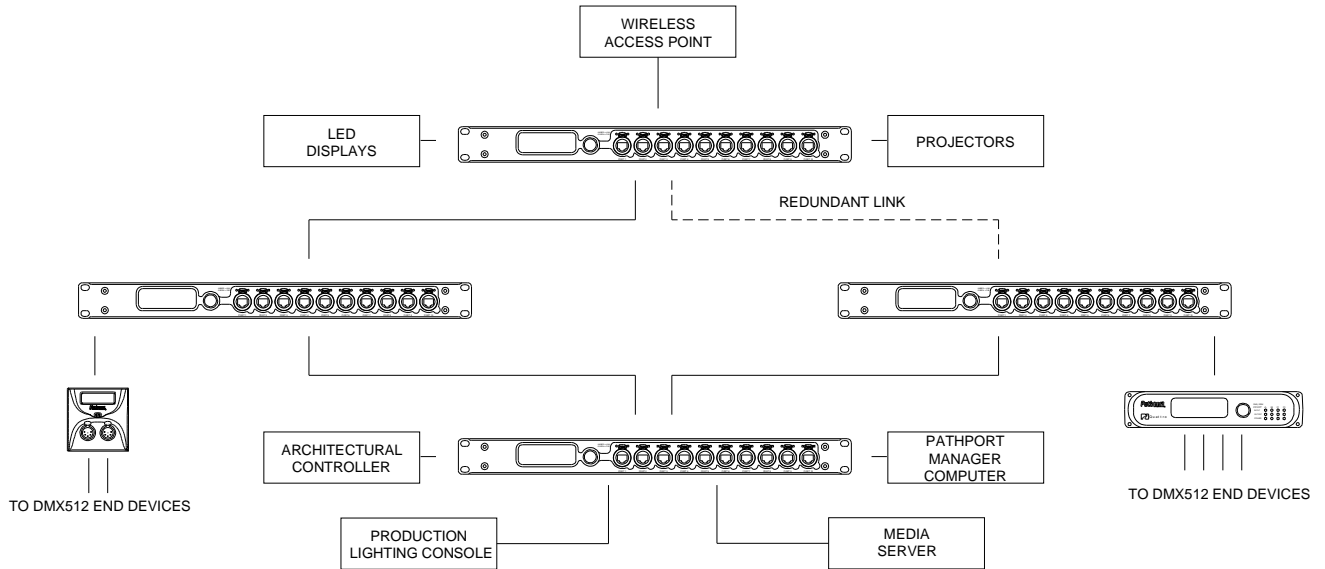


TOP

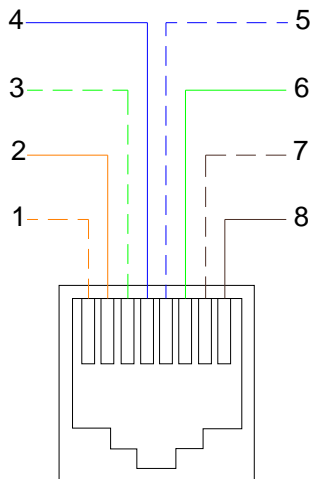


FRONT

## APPLICATION RISER



## Cat5/6 RJ45 PIN OUT



PIN	COLOR
1	WHT/ORG
2	ORANGE
3	WHT/GRN
4	BLUE
5	WHT/BLU
6	GREEN
7	WHT/BRN
8	BROWN
COMPLIES WITH TIA-EIA 568B	

## ORDERING INFORMATION

PART #	DESCRIPTION
6742	Pathway VIA12 Gigabit Switch w rear LC Multi-mode Locking Fiber Connectors
ACCESSORIES	
700-7948-100	External 100W PoE Power Supply (required for Power-over-Ethernet)