

PathWay® Model 7316 16-Channel RJ45/Cat5e Compliant A/B Switch, Telnet Remote Access & Control, IP Addressable, Rackmount Enclosure with Gang Operation of Multiple Units

- **Gang Switch Sixteen Channels to an Alternate Path, Simultaneously!**

INTRODUCTION

The PathWay® Model 7316 16-Channel RJ45 Cat5e A/B Switch with Remote Access allows the user the capability of accessing, on each channel, one of two separate devices via a device connected into the channel's Common port. The Model 7316 is enclosed in a 2U, full rack size, all metal black chassis designed to provide EMI/RFI shielding.

The switch may be controlled manually via the front panel pushbuttons, or remotely using an Ethernet connection and Telnet commands. Gang operation, when enabled, allows all units in the gang to stay synchronized in the same position. Switch position, operating mode, and power status is displayed by front panel LED indicators, and can be queried remotely.

FEATURES:

- Each channel allows access to two RJ45 Cat5e compliant networks from one COMMON port.
- Switches all 8 pins of the RJ45 interface.
- **All 16 channels switch simultaneously.**
- Eliminates the need to plug and unplug cables.
- Transparent to data speed and format.
- Certified for Cat5e compliance.
- Local control via front-panel pushbutton.
- Front panel LED's display switch position, mode of control, and power status.
- Retains last switch position in the event of power loss and continues to pass data.
- Gang operation mode allows all connected units (via rear panel IN/OUT RJ45 ports) to stay synchronized in same position.
- **Gang operation of multiple units to simultaneously control 32 channels, 48 channel, 60 channels, ...etc!**
- The RJ45 Ethernet REMOTE port accepts Telnet commands to control switch position, lockout front panel operation, and obtain switch status.
- Attractive all metal black box packaging provides EMI/RFI shielding.
- Rackmount Configuration is standard.
- Power supply included.
- Custom length RJ45 Cat5e cables available for your installation.



SPECIFICATIONS:

PORT CONNECTORS: (48) RJ45 female connectors. Sixteen labeled 1-16 in each of the groups, "A", "B" and "COMMON".

GANG IN/OUT CONNECTORS: (1) RJ45 female IN connector (gang control cabled in from previous unit); and (1) RJ45 female OUT connector (gang control cabled out to next unit).

REMOTE CONTROL: (1) RJ45 connector accepts Ethernet connection to support remote operation via TELNET command protocol.

FRONT PANEL CONTROLS: (2) Manual pushbuttons allow local A/B switching. (1) Gang pushbutton allows the gang mode of the unit to be changed - include/exclude the unit from Gang control.

DISPLAY: (2) Red LED's indicate the position, (1) Yellow LED indicates the gang mode, (1) Green LED indicates the present power status.

POWER: UL Approved 100VAC/240VAC, 50Hz/60Hz wall mount power module supplies 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug.

DIMENSIONS: 19" W x 3.5" H x 14" D. (48.3 x 8.9 x 35.6 cm)

WEIGHT: 9.0 lbs. (4.0 kg)

WIDE RANGE POWER OPTION AVAILABLE:

(Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC/240VAC, 50Hz/60Hz for use in place of standard power module that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

MODEL 7316 APPLICATION

