

## PathWay® Model 7316 16-Channel RJ45/Cat5e A/B Switch, Telnet and Gang Operation

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

### INTRODUCTION

The PathWay® Model 7316 16-Channel RJ45 Cat5e A/B Switch with Telnet and Gang Operation allows the user the capability of sharing a single port RJ45 interface device, connected to the "COMMON" port, among two other devices, connected to the "A" and "B" ports, for each channel. The Model 7316 is enclosed in a 2U, full rack size, all metal black chassis designed to provide EMI/RFI shielding and fit in a standard 19" rack.

The unit can be operated by either the front panel pushbuttons or the 10/100Base-T LAN Ethernet Remote. The unit also supports gang operation, where multiple units can be connected and operated together in a synchronized fashion. The state of the unit can be obtained from the front panel LED's or through the Remote Telnet Commands.

### FEATURES:

- Each channel allows access to two RJ45 Cat5e compliant networks from one COMMON port.
- All (8) pins of the RJ45 interface are switched via break-before-make electromechanical relays.
- **All 16 channels switch simultaneously.**
- Eliminates the need to plug and unplug cables.
- The switch ports are transparent to all data.
- Cat5e compliance.
- Front panel pushbutton control.
- Front panel LED's display present position, lockout, Gang Mode, and power status.
- Remote Control of the switch from a 10/100-Base-T LAN Ethernet environment. **IP Addressable!**
- Remote Control Telnet Command Interface or Graphical User Interface that allows the user to control switch position, lockout front panel operations, change the Gang Mode, as well as obtain switch status and receive gang status updates.
- Gang operation allows all connected units in Gang Mode to stay synchronized in the same position and lockout state.
- Switch maintains last set position on power loss and continues to pass data.
- **Gang operation of multiple units to simultaneously control 32 channels, 48 channel, 64 channels, ...etc!**
- Attractive all metal black box packaging provides EMI/RFI shielding.
- 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, (2) Yellow LED's, one indicates gang mode, the other indicates front panel lockout, and (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 10" D. (48.3 x 8.9 x 25.4 cm)

**WEIGHT:** 8.6 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.**

### PathWay® Model 7316 16-Channel RJ45/Cat5e A/B Switch Application with Telnet Commands & Gang Operation

