

## PathWay® Model 7816 Dual 8-to-1 DB9 & RJ45 Cat5e Switch with Telnet Remote

- **Simultaneously switches DB9 and RJ45 Cat 5e interfaces.**
- **IP Addressable!**

### INTRODUCTION

The PathWay® Model 7816 Dual 8 to 1 DB9 & RJ45 Cat5e Switch with Telnet Remote allows the user the capability of sharing a device connected to the "COMMON" port among eight other devices, connected to the "1", "2", "3", "4", "5", "6", "7", and "8" ports, for both the DB9 Interface and the RJ45 Interface. The Model 7816 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 switch may be controlled locally by manually operating the front panel pushbutton or remotely from the RJ45 Remote port located on the rear of the unit. The RJ45 Remote port provides control through Telnet Commands and allows the user to both control and monitor the switch position remotely.

### FEATURES:

- The DB9 channel allows quick connection to any one of 8 DB9 interface devices from one DB9 COMMON port.
- The RJ45 channel allows quick connection to any one of 8 RJ45 interface devices from one RJ45 COMMON port.
- The switch ports are transparent to all data.
- All (9) pins of the DB9 Interface are switched via break-before-make electromechanical relays.
- All (8) pins of the RJ45 Interface are switched via break-before-make electromechanical relays.
- Switch maintains position on power loss and continues to pass data.
- Front panel pushbutton control.
- Simultaneous control of DB9 and RJ45 Interface ports.
- Control of the switch position from a 10/100Base-T LAN Ethernet environment.
- Remote Control Telnet Command Interface that allows the user to control switch position, lockout front panel operations, and obtain switch status.
- Front panel LED's display the present position and power status.
- **RJ45 ports certified for Cat5e compliance.**
- **Custom length DB9 and RJ45 cables available for your switch installation.**



### SPECIFICATIONS:

**PORT CONNECTORS:** (9) DB9 female, connectors labeled 1, 2, 3, 4, 5, 6, 7, 8, and COMMON. (9) RJ45 female connectors labeled 1, 2, 3, 4, 5, 6, 7, 8, and COMMON.

**FRONT PANEL CONTROL:** (8) Manual pushbuttons allow local switching.

**REMOTE CONTROL:** (1) RJ45 female connector on rear panel accepts 10/100 Base-T LAN access Ethernet for Remote Control operation.

**DISPLAY:** (8) Front panel LED's display switch position and power status.

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

**DIMENSIONS:** Rackmount, 19.0" W x 3.5" H x 10.3" D. (48.2 x 8.9 x 26.2 cm)

**WEIGHT:** Approximately 8.0 lbs. (3.7 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.**

