

**PathWay® Model 7420 Cat5 RJ45 A/B Switch w/Remote Control Port**

**INTRODUCTION**

The PathWay® Model 7420 Cat5 RJ45 Interface A/B Switch allows users to connect a workstation or device between two other devices or networks. The switch employs an RJ45 Cat5 connector interface on ports A, B, and Common. A front panel pushbutton allows the user to select the switch position. LED indicators on the front panel display the switch position.

The unit also has an RS-232 serial port for remote control. The Remote port allows monitoring and control of the switch unit. A terminal or a computer in terminal mode connected to this port can communicate with the unit, determine its status, change the switch position as desired, and/or lockout front panel switching capability.



**FEATURES:**

- Switches all 8 pins of the RJ45 interface.
- A, B, and Common ports are transparent to data.
- Manual control by front panel pushbuttons.
- Remote switch control via the DB9 RS232 port.
- Switch position shown on LED display.
- Remote commands include switch position control, query of switch status, and front panel lockout.
- Switch position and continuity through the switch are maintained even in the event of power loss.

**Specifications:**

**PORT CONNECTORS:** (3) RJ45(F) ports labeled A, B, and COM.  
**COMPLIANCE:** Interface meets or exceeds Category 5 performance.  
**REMOTE PORT:** (1) DB9 (F) allows remote control via RS232 serial data.  
**CONTROL:** (1) Pushbutton to select port A or B.  
**DISPLAY:** (2) Red LEDs display switch position and indicate power status.  
**POWER:** UL approved 115 VAC, 60 Hz wall mount power module supplies 12 VDC, 500mA to the unit.  
**DIMENSIONS:** Desktop Configuration is standard 16.8" W x 1.75" H x 8.0"D..  
**WEIGHT:** Approximately 4.5 lbs.

All commands are ASCII CONTROL commands created by holding the [CTRL] key and character key simultaneously.

Commands	Function
CTRL-A	switch to A
CTRL-B	switch to B
CTRL-P	query for current status
CTRL-L	lock out front panel pushbutton
CTRL-U	unlock pushbutton
CTRL-V	firmware version number

**Optional Rackmount Brackets**

allow the Model 7420 switch to be mounted in a 19" rack enclosure. The brackets are field installable. To order the 1.75" brackets, request: Cat. No. 512959



**WIDE RANGE POWER OPTION AVAILABLE:** (Cat No 517277) CE and UL listed wall mount power module, 100VAC/240VAC, 50Hz/60Hz in place of standard 115VAC or 120VAC power module. Ideal for international applications.

