

SPECIFICATIONS Model 7420 (Cat. No.307420)

ADVANCED SYSTEMS DESIGN & SERVICES

Rath 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.

All commands are ASCII CONTROL commands created by holding the [CRTL] 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

Specifications:

PORT CONNECTORS: (3) RJ45(F) ports labeled A. B. and COM.

COMPLIANCE: Interface meets or exceeds Category 5 performance.

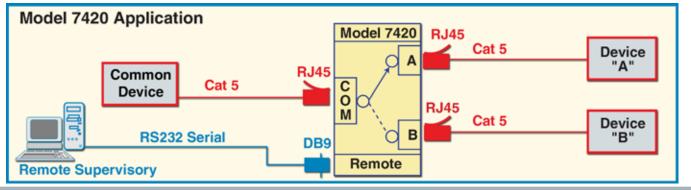
REMOTE PORT: (1) DB9 (F) allows remote control via RS232 serial data.

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.

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.



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