

PathWay® Model 7407 Single Channel RJ45 A/B Switch, with Remote

- **Half the size of a standard 1U rack. Applicable to switching ANY RJ45 interface.**

INTRODUCTION

The PathWay® Model 7407 RJ45 A/B Switch with Remote control access allows the user the capability of accessing two separate RJ45 ports via the common port. The Model 7407 is enclosed in a 1U, half rack size, all metal black chassis designed to provide EMI/RFI shielding.

The switch may be controlled manually via a front panel push button or remotely from an RS232 serial port located on the rear of the unit. Switch position status may be attained via the front panel LED display or the remote RS232 serial port located on the rear of the unit.

OPERATION

Manual Control is accomplished by simply pressing and releasing the front panel pushbutton to change the switch position.

Remote Control: Remote switching of the unit is accomplished through the RS232 (RJ45 Female) serial port located on the rear of the Model 7407. This port may be connected to the RS232 port on a computer or other device capable of sending ASCII characters. Use a Windows-compatible terminal emulation software, such as Hyperterminal.



FEATURES:

- Allows quick connection to any one of two RJ45 devices from one COMMON device.
- Ideal for sharing or fallback applications.
- The switch ports are transparent to all data.
- **All (8) pins of the RJ45 interface are switched via break-before-make electromechanical relays.**
- Front panel pushbutton control.
- All switched signals are passed via copper contact relays that maintain their position and continuity even in the event of power failure.
- Remote RS232 ASCII Commands that allow the user to control switch position and obtain switch status.
- Front panel LED's indicate switch position and power status.
- Attractive all metal black box packaging provides EMI/RFI shielding.

SPECIFICATIONS:

PORT CONNECTORS: (3) RJ45 female connectors labeled A, B and COMMON.

FRONT PANEL CONTROL: (1) Manual pushbutton allows local switching.

DISPLAY: (2) Front panel LED's display switch position and power status.

REMOTE CONTROL: (1) RJ45 female connector on rear panel accepts ASCII RS232 Serial Data for Remote Control operation.

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: Half Rack, 8.0" W x 1.75" H x 8" D. (48.3 x 4.4 x 20.8 cm).

WEIGHT: Approximately 2.5 lbs. (1.4 kg)

PathWay® Model 7407 Single Channel RJ45 A/B Switch Application w/RS232 Serial Commands:

