

## PathWay® Model 4143 Automatic Fallback RS232 DB25 A/B Switch with Remote Access

### INTRODUCTION

The PathWay® Model 4143 Automatic Fallback RS232 DB25 A/B Switch allows the user the capability of sharing a single DB25 interface device connected to the "COMMON" port among two other devices connected to the "A" and "B" ports with local and remote access functionality. The Model 4143 is packaged in a slim desktop style enclosure.

The switch may be controlled locally by manually operating the front panel pushbutton, or remote access through Pin 9 of the DB25 COMMON port located on the rear panel. The front panel LED display indicates the switch position, mode and power status.

### FEATURES:

- The switch ports are transparent to all data.
- Pins 1 thru 8 and 10 thru 25 of the DB25 interface are switched via break-before-make electromechanical relays.
- Pin 9 of the Common port is used for Remote Control and does not pass through the switch.
- Switch maintains last set position on power loss and continues to pass data.
- Front panel pushbutton control.
- Manual Mode is achieved by pressing front panel pushbutton for 5 seconds or alternately pressing for 5 seconds to exit Manual Mode.
- Automatic Fallback Mode is controlled by Pin 9 of the DB25 Common port.
- **A transition from 5VDC to 0VDC on Pin 9 of the DB25 Common port triggers the unit to switch positions.**
- Custom length DB25 cables available for your switch installation.



### SPECIFICATIONS:

**PORT CONNECTORS:** (3) DB25 (F) connectors labeled A, B and COMMON.

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

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

**REMOTE CONTROL:** Transition signals on pin 9 of the DB25 COMMON port will trigger a change of switch position.

**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:** Desktop 8.1" W x 7.30" D x 2.41" H. [20.8 x 6.2 x 18.6]

**WEIGHT:** Approximately 1.9 lbs [0.9 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.**

### Model 4143 Application / Function

