



## PathWay® Model 7242S DB25 A/B Switch, Rackmount with 10BASE-T Secure Setup, Remote Interface

- IP Addressable

### Model 7242S Introduction

The PathWay® 7242S Single Channel RS232/RS530 DB25 A/B Switch provides one channel switching in a low profile, 19-inch 1U rack unit. The user has 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.

The switch may be controlled locally by manually operating the front panel pushbutton or remotely over the 10Base-T RJ45 remote port located on the rear of the unit. The front panel LED display indicates the switch position, unit power status, and network status.

**LOCAL SWITCHING** is achieved by simply pressing the front panel pushbutton. The switch will change to the newly selected position as indicated by the front panel position LED's, A and B. The "LINK" and "STATUS" LED's indicate the status when the 10Base-T Control port is connected to a network.

**REMOTE SWITCHING** of the unit is done through the 10Base-T Control port on the rear panel. This Control interface has an addressable IP address and listens on the standard TELNET port (23) for incoming connection. When connected, the unit responds to the Remote Command Set.

### Features:

- Allows secure access to two networks from one computer or workstation.
- DB25(F) ports are transparent to all data.
- Switch from front panel pushbutton, or remotely via IP addressable 10BASE-T port.
- **Secure Setup / configuration access limited by password protection.**
- All 25 pins of the DB25 interface are switched.
- LED's display switch position, unit power and network status.
- Switch maintains position and continues to pass data during power loss.
- Remote command for lock out of front panel pushbutton.
- Remote command for query of current switch state.
- Attractive anodized black box packaging provides EMI/RFI shielding.
- Custom length DB25 data cables available.



### SPECIFICATIONS:

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

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

**DISPLAY:** (4) Front panel LED's display switch position, power status, and network status.

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

**POWER:** "WIDE RANGE" CE and UL listed table mount power module (Cat.No. 521895) 100VAC/240VAC, 50Hz/60Hz. Ideal for international applications.

**DIMENSIONS:** Rackmount, 19.0" W x 1.75" H x 8.0" D. (48.3 x 4.4 x 20.3 cm)

**WEIGHT:** 4.5 lbs. (2.0 kg)

### MODEL 7242S FUNCTION DIAGRAM:

