

## PathWay® Model 7392 Single Channel RS232/RS530 A/B Switch with Fallback & Remote Control Port

- **Automatic Switch to Backup via Data Activity and Data Carrier Monitor.**
- **Doubles the Reliability of Data Throughput in Critical Network Applications.**

### INTRODUCTION:

The PathWay® Model 7392 Single Channel RS232/RS530 A/B Switch allows the user the capability of accessing two RS232/RS530 serial data interface devices connected to ports A and B from one RS232/RS530 serial data interface device connected to its COMMON port. It has two modes of operation, Automatic Sensing Mode and Manual A/B Switch Mode.

**In Automatic Sensing Mode**, the Model 7392 allows a device connected to the Common port to connect through to the port with activity either on A or B. It maintains the connection with the currently connected port as long as there is activity on it. **The unit monitors data activity on both ports "A" and "B".** If activity on the currently connected port is lost, and if the other port has established valid activity, the unit automatically switches to that port with activity. It will stay connected to the current port if neither of the ports has activity. Then, if data activity is detected on a port, the unit will automatically switch to that port. Unit can be set to monitor RD activity or DCD presence of ports A and B.

**In Manual A/B Switch Mode**, the Model 7392 may be controlled locally via its front-panel pushbutton, or remotely via its REMOTE control port using a set of contact closure pins. The remote control port can also be used to attain switch position status by using a separate set of contact closure pins on the REMOTE port.

### Features:

- **Switch to backup automatically via Data Activity or DCD trigger monitor. Switches back when signals restore.**
- The switch ports are transparent to all data.
- All pins of the DB25 interface are switched.
- All switched signals are passed via latching copper contact relays that maintain their position and continuity even in the event of a power loss or failure.
- When power is restored, the unit loads previous position and mode of operation and checks DIP switch settings and remote port to determine the correct startup configuration.
- **Automatic switching based on either RD activity or DCD presence monitored on ports A and B.**
- Automatic switching compatible with RS232 or RS530 protocols.
- Remote control of the switch position from a contact closure REMOTE port.
- Reading of the current switch position from a contact closure REMOTE port.
- Front panel LED's display position, mode, and power status.
- The user can override automatic sensing mode operation from the front panel or remote port and force the unit to operate as an A/B switch.



### Specifications:

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

**FRONT PANEL CONTROLS:** Manual pushbutton allows alternate action A/B switching when in manual mode.

**REMOTE CONTROL:** (1) DB15(F) connector on rear panel accepts contact closure signals from Model 4077, Cat No. 514077 or similar device.

**FRONT PANEL DISPLAY:** (2) LED's labeled A and B display switch position and power status.

**POWER:** UL approved 100VAC/240VAC, 50Hz/60Hz wall mount power module supplies 12VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.

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

**WEIGHT:** Approx. 4.9 lbs. (2.2 Kg)

### OPTION: WIDE RANGE POWER MODULE

(Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC/240VAC, 50Hz/60Hz in place of standard power module. Has IEC 60320 C14 inlet. **Ideal for international applications.**

