

## PathWay® Model 4208R Single Channel DB25 Automatic Fallback, Desktop

- **Smart Data Switch Automatically Selects the Port with Valid CTS**
- **Automatically Switches between Alternate and Primary Line**

### INTRODUCTION

The PathWay® Model 4208R DB25 Automatic Fallback A/B Switch allows the user the capability of sharing a single port interface device connected to the COMMON port (labeled MASTER) among two other devices connected to the A port (labeled PRIMARY) and B port (labeled ALTERNATE). The Model 4208R is packaged in a slim desktop style enclosure.

The switch may be controlled locally by manually operating the three front panel pushbuttons, one labeled AUTO (fallback mode), one labeled PRIMARY (position A), and one labeled ALTERNATE (position B). Three front panel LED's indicate the presence of power and indicate the current switch position. The unit's Automatic switching circuitry monitors the presence of CTS (pin 5) on ports A (PRIMARY) and B (Alternate). As long as there is CTS on the connected port, the unit will maintain connection to that port. If neither port has CTS, it will maintain connection to that port and continue to monitor for CTS on both ports. If CTS then appears on one port, it will auto-switch to that port.

### FEATURES:

- **Unit switches manually and automatically**
- Local manual control via three front panel pushbuttons: (1) fall back mode (Auto), (1) position A (Primary), and (1) position B (Alternate).
- Automatic switching monitors CTS (pin 5) presence on ports A (Primary) and B (Alternate).
- Three front panel LED's indicate power status and switch position.
- During power loss switch continues to pass data in last position.
- Protective ground Pin 1 is tied together between A, B, and COM.
- Signal ground Pin 7 on A and B are tied to board ground for reference when monitoring signal.
- Pins 2 through 6, 8, 15, 17, 20 through 22, 24 are switched.
- External Wide Range Power Supply 100-240VAC, 50-60Hz with IEC 60320 C14 inlet.
- RoHS compliant.
- One-year warranty against defects on manufacturer parts and labor.

### Ask about our popular Model 700 RS232 Breakout Box

Tri-State LED's monitor the data interface and "TELL ALL" for fault isolation.



### SPECIFICATIONS:

**PORT CONNECTORS:** All ports located on rear panel.

(3) DB25 female connectors: (1) A, labeled "PRIMARY"; (1) B, labeled "ALTERNATE" and (1) Common, labeled "MASTER". (1) Phoenix female port for POWER.

**FRONT PANEL CONTROL:** (3) Manual pushbuttons allow local switching: (1) fall back mode (Auto), (1) position A (Primary), and (1) position B (Alternate).

**DISPLAY:** (3) Front panel LED's indicate switch position: One Green LED labeled "AUTO", one Red LED labeled "PRIMARY", and one Red LED labeled "ALTERNATE".

**POWER:** UL approved wall mount 100VAC/240VAC, 50Hz/60Hz power module supplies 12 VDC, 500 mA to the unit

**DIMENSIONS:** Desktop configuration

8.11"W x 2.37"H x 7.28"D. (20.6 x 6.1 x 18.4 cm)

**WEIGHT:** Approx. 1.8 lbs. (0.9 kg)

**OPTION: WIDE RANGE POWER MODULE** (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.**

### PathWay® Model 4208R DB25 Automatic Fallback A/B Switch Application

