

## **Model 7410 16-Channel RJ45 RS232 A/B Switch, with Dual Remote Ports and Dual Power Supplies**

- Custom RJ45 Cascade Operation allows multiple units to be connected together!
- Dual ASCII RS232 Remote Control Serial Ports

### INTRODUCTION

The PathWay® Model 7410 16-Channel RJ45 RS232 A/B Switch with Dual Remote Ports and Dual Power Supplies allows the user the capability of sharing a single port RJ45 interface device, connected to the "COMMON" port, among two other devices, connected to the "A" and "B" ports, for each channel. The Model 7410 is enclosed in a 2U, full rack size, all metal black chassis designed to provide EMI/RFI shielding and fit in a standard 19" rack.

The unit can be operated by either the front panel pushbuttons or via the Dual Remote Ports. The Model 7410 also supports cascade operation, where other supported units can be connected and operated through a single remote port interface. The state of the unit can be obtained from the front panel LED's or through the Dual Remote Ports.

### FEATURES:

- The switch ports are transparent to all data.
- All (8) pins of the RJ45 interface are switched via break-before-make electromechanical relays.
- Switch maintains last set position on power loss and continues to pass data.
- Individual control of all (16) channels.
- Front panel pushbutton control.
- Remote Control of the switch from ASCII RS232 Serial Supervisory Stations
- Dual Remote Control RJ45 RS232 ports allow the user to control switch position, lockout front panel operations, control Cascaded Units, as well as obtaining status and receive Cascade Unit status updates.
- Cascade operation allows control of switch position and lockout of individual channels as well as obtaining the status of other units connected to the Cascade Ports through the Remote RJ45 female port of a single unit.
- Front panel LED's display present position, lockout, and power status.
- EIA/TIA-561 RS-232 compliance.
- Dual Power Supplies protect unit in case of power supply failure and provide backup power supply to keep the unit running.
- Wide Range Power Supplies allows operation within a wider range of voltages. **Ideal for international applications.**



### SPECIFICATIONS:

#### Size

- Width: 19" [48.3 cm] (19" full rack size)
- Height: 3.5" [8.9 cm] (2U)
- Depth: 10.11" [25.4 cm]
- Weight: 8.27 lbs [3.75 kg]

#### Power Requirements

- DC Voltage: 12VDC
- DC Current: 480mA (peak), 240mA (nominal)
- AC Power: 6W (peak), 3W (nominal)

#### Signal Port Interfaces

- (48) RJ45 Signal ports
- (16) Channels of RJ45 A/B/COM ports
- Individual Control

#### Remote Port and Cascade Port Interfaces

- (2) RJ45 (F) RS232 Remote Ports
- (2) RJ45 (F) Cascade Ports (In, Out) with Custom Pinout

#### Front Panel Control and Indicators

- (32) Red LED's
- (32) Green LED
- (16) Pushbuttons

#### Dual Power Supplies (Cat. No. 517277)

- Input: 100-240VAC, 50/60Hz, 0.5A
- Output: 12VDC (regulated), 1.5A

#### Environment

- Operation Temperature: 0°C to 50°C
- Storage Temperature: -40°C to 85°C
- Humidity: 10% to 90% without condensation

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