

## **PathWay® Model 7239 16-Channel RJ45 CAT5 A/B Switch with Remote Access**

- **Switch Sixteen Channels to an Alternate Path, Simultaneously!**
- **Ideal for Television Channel Distribution and Broadcast Backup Applications!**
- **Ideal for Commercial-Off-The-Shelf (COTS) Purchase Applications**

### **INTRODUCTION**

The PathWay® Model 7239 16-Channel RJ45 Cat5 A/B Switch with RS232 Remote allows the user the capability of sharing a single port interface device, connected to the "COMMON" port, among two other devices, connected to the "A" and "B" ports, for each channel. The Model 7239 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 switch may be controlled locally by manually operating the front panel pushbutton or remotely from the DB9 Remote Control port located on the rear of the unit. The DB9 Remote port provides control through RS232 Serial Commands and allows the user to both control and monitor the switch position remotely. The front panel LED display indicates the switch position and unit power status.

### **FEATURES:**

- Each channel allows access to two RJ45 Cat5 networks from one COMMON network or device.
- All 8 pins of the RJ45 interface are switched via a break-before-make electromechanical relays.
- **All 16 channels switch simultaneously.**
- Eliminates the need to plug and unplug cables.
- Transparent to data speed and format.
- Certified for Cat5 compliance.
- Local control via front-panel pushbutton.
- The REMOTE port accepts RS232 Serial Data ASCII commands that allow the user to control switch position, lockout front panel operations, obtain switch status, as well as query firmware version number, query serial number, and enable/disable autosend of switch positions.
- Front panel LED's display switch position and power status.
- Retains last set position in the event of power loss and continues to pass data.
- Attractive all metal black box packaging provides EMI/RFI shielding.



### **SPECIFICATIONS:**

**PORT CONNECTORS:** (48) RJ45 female connectors. Sixteen labeled 1-16 in each of the groups, "A", "B" and "COMMON".

**REMOTE CONTROL:** (1) DB9(F) connector accepts RS232 serial data for Remote Control operation.

**LED'S:** (2) labeled A and B, indicate present position and power status.

**CONTROL:** (1) Pushbutton for local switch control.

**POWER:** Requires customer supplied 24 VDC, 500 mA Power Input. A mating power connector is included with the Model 7239.

**DIMENSIONS:** Rackmount; 19.0" W x 3.5" H x 10.39" D. (48.3 x 8.9 x 26.4 cm)

**WEIGHT:** Approximately 9.0 lbs. (4.08 kg)

### **FEATURES: (cont.)**

- **Requires customer supplied 24 VDC, 500 mA power input.**
- **Municipalities, schools, government: This product is on GSA Schedule!**
- Custom length RJ45 Cat5 cables available for your installation.

