Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

PathWay Model 7310 10-Channel, Dual Channel RJ45 Cat5e A/B Switch, with Telnet, Keylock

INTRODUCTION

The PathWay® Model 7310 10-Channel, Dual Channel RJ45 Cat5e A/B Switch with Telnet, Keylock 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 of the 10 Dual Channels. Remote Control access can be accomplished using an Ethernet 10/100BASE-T connection and Telnet Interface. The Model 7310 is enclosed in a 3U, full rack size, all metal, black chassis designed to provide EMI/RFI shielding and fit in a standard 19" rack.

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.
- Front panel pushbutton control.
- Front panel Keylock inhibits or permits pushbutton control.
- Independently switch 10 Channels of Dual Channel A/B switching.
- Each dual set of channels switches simultaneously.
- Control of the switch position from a 10/100Base-T LAN Ethernet environment.
- Remote Control Telnet Command Interface allows the user to control switch position, lockout front panel operations, obtain switch status, create or delete a group, as well as query the unit serial number.
- *Remote control of the switch is secured by user login with password protection.*
- Front panel LED's display present position and power status.
- **Certified for Cat5e compliance.**
- *SSH Configuration for Telnet access*
- *Secure Shell (SSH) is a cryptographic network protocol for operating network services securely over an unsecured network.*

Remote Management Console (GUI)

An alternative means of controlling the actions of the M7310 is through the use of the Remote Management Console (GUI) which provides a familiar and consistent user interface.

To connect the Model 7310 from a workstation or computer, simply launch a standard web browser and type in the Model 7310 IP address using the HTTPS protocol (https://xxx.xxx.xxx.xxx). See section "Loading the GUI Application". The Java Applet will be automatically uploaded from the switch upon connection. The Java environment requirement for the GUI is version Java 7 update 51.

SPECIFICATIONS:

PORT CONNECTORS: (60) RJ45 female connectors; custom labeled.

COMPLIANCE: Certified for Cat5e.

FRONT PANEL CONTROL: (10) Manual pushbuttons allow local switching. (1) Keylock restricts front panel pushbuttons.

DISPLAY: On the front-panel, (1) Green LED (A) and (1) Red LED (B) for each channel display switch position and power status.

REMOTE CONTROL: (1) RJ45 female connector on rear panel accepts 10/100 Base-T LAN Access Ethernet that uses TELNET commands for Remote Control operation

POWER SUPPLY 1: IEC 60320 C14 (F), External Power Input Connector.

POWER SUPPLY 2: IEC 60320 C14 (F), External Power Input Connector.

DIMENSIONS: Rackmount, 19.0" W x 5.10" H x 16.30" D. (48.3 x 13.0 x 41.5 cm)

WEIGHT: Approximately 14.4 lbs. (6.6 kg).

*Remote Control Management Console
in a standard browser*

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PathWay® Model 7310 Application Diagram

- 10-Channels of Dual Channel RJ45 Cat5e Switching.
- Each dual channel switches simultaneously.
- Front panel Keylock to lock and unlock the front panel controls.
- RJ45 10/100Base-T Lan Ethernet Remote.
- Password Protected Remote.
- Remote Control via the Ethernet Remote port using Telnet Commands or via the Graphical User Interface.

PathWay® Model 7310 10-Channel, Dual Channel RJ45 Cat5e A/B Application w/Secure Remote Control