Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

PathWay® Model 7304 Dual Channel RJ45/48 Cat5e T1 Interface A/B Switch, with Telnet and GUI

• **Certified for Cat5e Compliance!**

INTRODUCTION

The PathWay® Model 7304 allows the user the capability of sharing a single device connected to the "COMMON" port among two other devices connected to the "A" and "B" ports, for each channel, with remote access functionality. Local control is accomplished via two front panel manually operated keylock switches providing independent switching of each channel. Remote control access is accomplished using an Ethernet 10/100 BASE-T connection and either Telnet commands or graphical user interface (GUI).

FEATURES

• Each channel allows access to two RJ45/48 T1 networks from one Common network device.

• Front panel control via two keylocks provide independent switching of each channel.

• Remote control via Telnet command interface and Graphical user interface.

• Control of the switch position from 10/100 Base-T LAN Ethernet environment.

• Certified for CAT5e Compliance.

• The switch ports are transparent to all data.

• All (8) pins of the RJ45/48 interface are switched via break-before-make electromechanical relays.

• Switch maintains position on power loss and continues to pass data.

• Front panel LED's display present position and power status.

PathWay® Model 7304

SPECIFICATIONS:

PORT CONNECTORS: (3) RJ45 female connectors labeled A, B, and COMMON for each of two channels.
FRONT PANEL CONTROL: (2) Manual keylocks allow independent switching for each channel.
DISPLAY: (2) Front panel LED's display switch position and power status.
REMOTE CONTROL: (1) RJ45 (F) connector on rear panel accepts 10/100 Base-T LAN Ethernet that uses both TELNET commands and a GUI Interface for Remote Control operation.
POWER: UL approved 100VAC/240VAC, 500 Ma to the unit, Has 2-prong, US, non-polarized plug.
DIMENSIONS: Rackmount configuration. 19.0"W x 1.75" H x 8.32"D (48.3 x 4.4 x 21.2 cm).
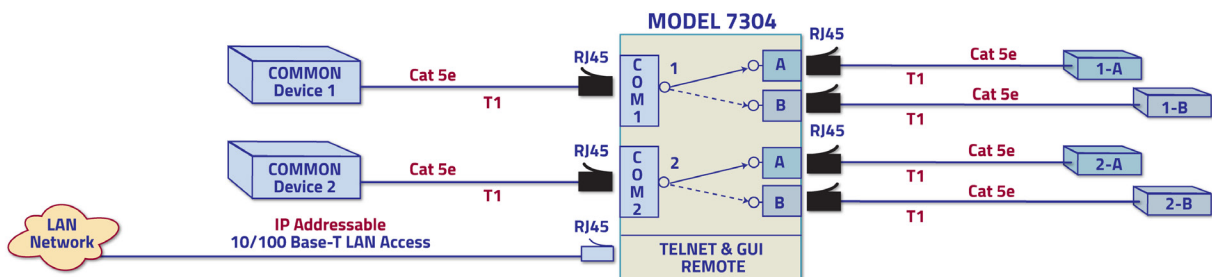**WEIGHT:** Approximately 4.5 lbs. (2.0 kg).

WIDE RANGE POWER OPTION AVAILABLE:
(Cat No 517277) CE, RoHS, and UL listed table mount power module, 100VAC-240VAC, 50Hz-60Hz can be ordered in place of the standard power module included with the unit. Has IEC 60320 C14 inlet. Ideal for international applications.

RJ45 vs RJ48: RJ45 and RJ48 use the same eight-pin modular connector, differing only in the way they are wired (the pin selection/pairing). The Model 7304 switches all eight pins of the RJ45 connector, thereby accommodating any wiring scheme.

PathWay® Model 7304 Dual Channel A/B Switch Application with Telnet & GUI Remote

SPECIFICATIONS
MODEL 7304
(Cat. No. 307304)

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UTILIZING THE **USER-FRIENDLY** REMOTE GRAPHICAL USER INTERFACE (GUI) SOFTWARE
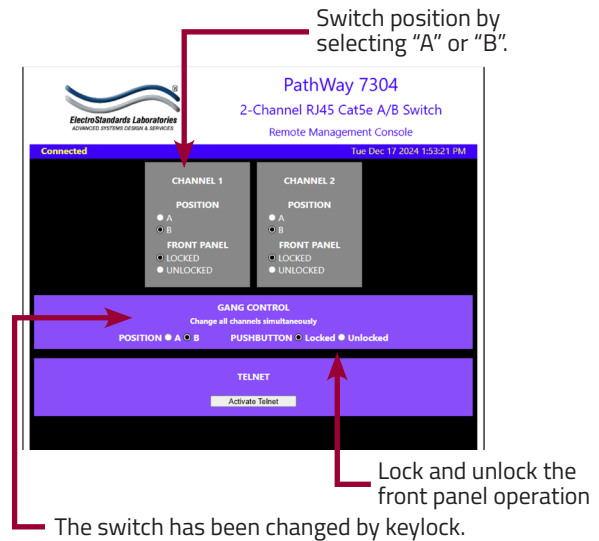
CHANGING POSITION AND LOCK STATUS

To change the switch position, click on the radio button "A" or "B" as desired. Locking and unlocking the front panel keylock can be done by clicking on the "Locked" or "Unlocked" radio buttons. See Figure 1.

QUERYING THE STATUS OF THE UNIT

Once connected, the GUI will stay up-to-date on the current position and status of the unit. Any changes that are made outside of the GUI, such as by keylock, will be reflected in the GUI. These changes will cause the radio buttons of the GUI to automatically change to show the new status. The GUI will report the source of the most recent change in the bottom left of the panel (See Figure 1).

GUI SOFTWARE FEATURES

- Access User Interface via standard web browser.
- **Easy to use, simple point and click operation.**
- Remotely access to control or monitor the Model 7304 Switch System.
- Users can change the switch's IP address.
- LAN access gives users across the LAN or over the Internet access to control if user network is configured accordingly.

Switch position by selecting "A" or "B".

Lock and unlock the front panel operation

The switch has been changed by keylock.

Figure 1: Change the position and lockout from the GUI. The GUI is alerted to changes in the unit status.