Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

SPECIFICATIONS
MODEL 9482
(Cat. No. 309482)

PathWay® Model 9482 Dual Channel RJ45 Cat6 A/B Switch, Simultaneous Channel Control with Ethernet Remote, Telnet and GUI

- **Certified for Cat6 Compliance!**
- **Simultaneous Channel Control.**

INTRODUCTION

The PathWay® Model 9482 Dual Channel RJ45 CAT6 A/B Switch with Telnet and GUI 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, with Ethernet remote access functionality and simultaneous channel control. The Model 9482 is enclosed in a 1U, full rack size, all metal, black chassis designed to provide EMI/RFI shielding and fit in a standard 19" rack

Remote Control access can be accomplished using an Ethernet 10/100 BASE-T connection and either Telnet commands or graphical user interface (GUI).

The ESL Switch Remote GUI allows remote access to any number of ESL Switches from anywhere the units can be reached on a network, and units can be controlled and queried The ESL switch will allow a single connection at once. Additional simultaneous connection attempts will be actively refused immediately.

FEATURES

- Simultaneously switch both channels between positions A and B, locally or remotely.
- Local switch position control via a front panel pushbutton.
- Remote control via an RJ45 Ethernet Remote port that allows position control, query of switch status, and front ` panel lock/unlock control.
- All (8) leads of the RJ45 interface are switched.
- Tested for Cat6 compliance.
- Front panel LED indicators display position and power status.
- Switch maintains position and continues to pass data during power loss.
- Switch powers up in last known position.

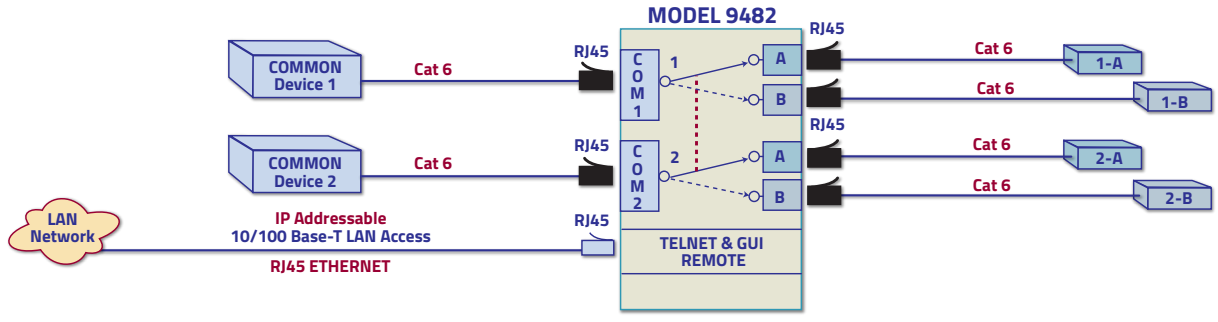
SPECIFICATIONS:

PORT CONNECTORS: (6) RJ45 female connectors labeled A, B, and COMMON, 3 per channel.
FRONT PANEL CONTROL: (1) Manual pushbutton allows local switching.
DISPLAY: (2) Front panel LED's display switch position and power status.
ETHERNET REMOTE CONTROL PORTS:
(1) RJ45 (F) connector on rear panel accepts 10/100Base-T LAN Ethernet that uses both TELNET commands and a GUI Interface for Remote Control operation.
POWER: UL approved 100VAC/240VAC, 50Hz/60Hz wall mount power module supplies 12 VDC, 500 mA to the unit via a 2-prong, US, non-polarized phoenix connector plug
DIMENSIONS: Rackmount configuration
19.0" W x 1.75" H x 8.21" D. (48.3 x 4.4 x 20.9 cm)
WEIGHT: Approximately 4.3 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.

PathWay® Model 9482 Dual Channel A/B Switch Application with Telnet & Gui Ethernet Remote



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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 pushbutton 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 pushbutton, 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 9482 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.

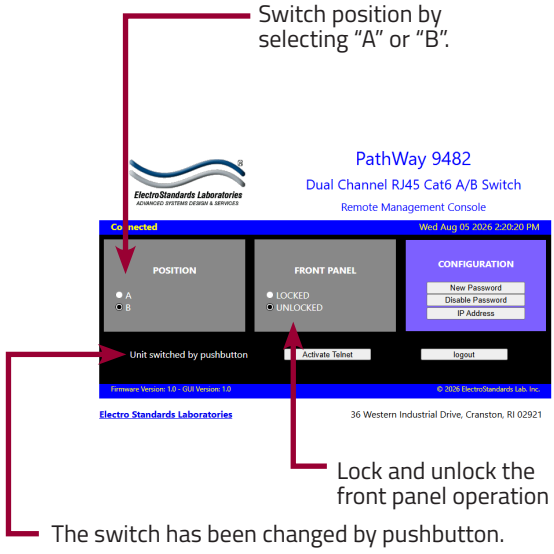
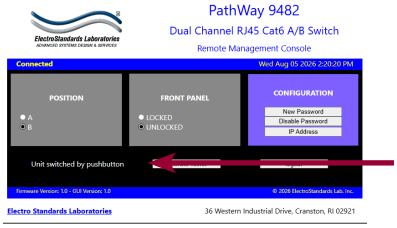


Figure 1: Change the position and lockout from the GUI. The GUI is alerted to changes in the unit status.

QUERYING THE STATUS OF THE UNIT

Once connected, the GUI will stay up-to-date on the present position and status of the unit. See Figure 2



"Switched all channels to position B"
GUI is alerted of changes via the front-panel pushbutton operations.

Figure 2: The GUI is alerted to changes in the unit status.