Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

SPECIFICATIONS
MODEL 7302
(Cat. No. 307302)

PathWay Model 7302 75 Ohm Impedance BNC A/B Switch with RS232 Serial Remote Port

- **Ideal for sharing laboratory test equipment having a BNC coaxial cable interface.**

INTRODUCTION

The PathWay® Model 7302 BNC 75 Ohm A/B Switch with Remote Control allows the user the capability of accessing two separate devices, ports A and B, via connection through a device connected to the Common port of the switch. The Model 7302 is packaged in a slim desktop style enclosure.

The switch may be controlled manually via the front panel pushbutton or remotely from an RS232 Serial port located on the rear of the unit.

Switch position state may be attained via the LED display on the front of the unit.

FEATURES:

- Allows quick connection to any one of two BNC interface devices from one COMMON port.
- The switch ports are transparent to all data.
- Both the Center and Shell of the BNC interface are switched via break–before–make electromechanical relays.
- The unit maintains last set position on power loss and continues to pass data.
- Front panel pushbutton control.
- Switches to new position within 15ms of pressing the front panel pushbutton.
- Remote RS232 ASCII Commands that allow the user to control switch position, obtain switch status, as well as, query firmware version number, query serial number, and enable/disable autosend of switch positions.
- **Remote RS232 Port pinout configured as a DTE device.**
- Front panel LED's display present position and power status.
- **All BNC ports are impedance matched to support 75 Ohm equipment.**
- Attractive anodized black box packaging provides EMI/RFI shielding
- **Custom length 75 Ohm BNC coaxial cables available for your switch installation. Call for quote.**
- For 50 Ohm BNC switch, see Model 7202, Cat No 307202.
- For 93 Ohm BNC switch, see Model 7402, Cat No 307402.

SPECIFICATIONS:

PORT CONNECTORS: (3) BNC (F) connectors labeled A, B and COMMON.
FRONT PANEL CONTROL: (1) Manual pushbutton allows local switching.
DISPLAY: (2) Front panel LED's display switch position and power status.
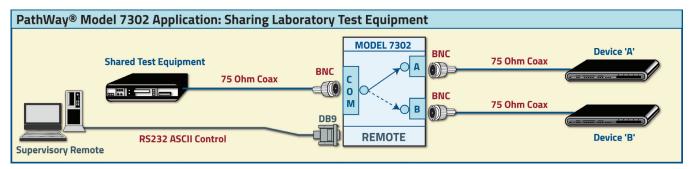**REMOTE CONTROL:** (1) DB9(F) REMOTE connector on rear panel accepts ASCII RS232 Serial Data.
POWER: UL approved 100VAC–240VAC, 50Hz-60Hz wall mount power module supplies 12 VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.
DIMENSIONS: Desktop 5.44" W x 7.27" D x 2.26" H. (13.9 x 18.5 x 5.8 cm)
WEIGHT: Approximately 1.4 lbs. (0.7 kg)

WIDE RANGE POWER OPTION AVAILABLE:

(Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC–240VAC, 50Hz-60Hz for use in place of standard power module that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

PathWay® Model 7302 Application: Sharing Laboratory Test Equipment