

Model 7446 DB9 One-Half Crossover Switch with Contact Control Remote

- Designed for switching between data sources to either of two destinations.
- Applicable to switching ANY DB9 interface devices.

INTRODUCTION

The PathWay® Model 7446 DB9 One-Half Crossover Switch with Contact Closure Remote supports connections between four devices connected to the "A", "B", "C", and "D" ports in either a "Normal" or "Cross" configuration. The Model 7446 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. The switch may be controlled manually via the front panel pushbutton or remotely from a DB9 port located on the rear of the unit.

Switch position state may be attained via the front panel LED or by a set of dry contacts on the Remote DB9 port.

FEATURES:

- Switch allows selection between Normal and One-Half Crossover position.
- The ports are transparent to all data.
- All (9) signals of the DB9 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.
- When the unit is in NORMAL position, Port A is connected to Port C and Port B is connected to Port D.
- When the unit is in CROSS position, Port B is connected to Port C, while Port A is not connected to either Port C or Port D.
- Remote Contact Closure control and status provides dry contact logic to allow the control of the switch position and lockout state as well as obtain the present position.
- Front panel LED's display the present position and power status.



SPECIFICATIONS:

PORT CONNECTORS: (4) DB9(F) connectors labeled A, B, C, and D.

REMOTE CONTROL: (1) DB9(F) custom remote contact control port accepts dry contact closure transition signals for Remote Control Operation.

DISPLAY: (2) LED's labeled NORMAL and CROSS front panel display indicate switch position and power status.

LOCAL CONTROL: (1) Front panel pushbutton allows local control of switch between NORMAL and ONE-HALF CROSSOVER state.

POWER: UL Approved 100VAC-240VAC, 50Hz-60Hz wall mount power module supplies 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug.

DIMENSIONS: 19" W x 1.75" H x 8.23" D.
(48.3 x 4.4 x 21.0 cm)

WEIGHT: 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 for use in place of standard power module that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

