

Model 4521 Single Channel HD15 A/B Switch with Contact Control Remote Port

INTRODUCTION

The PathWay® Model 4521 Single Channel HD15 A/B Switch allows a device connected to COMMON port access to the A or B port. The switch may be controlled locally by manually operating the front panel push button or remotely from the DB9 Contact Control Remote port located on the rear of the unit. The DB9 Remote port provides control by dry contact open/closure logic. The front panel LED display indicates the switch position and unit power status.

OPERATION:

Switched Ports / Interface

All (15) signal lines of each HD15 port connector are switched and are transparent to all data. The ports may be switched via either the front panel push button or the remote contact control port on the rear of the unit.

Local Switch Control

The pushbutton control allows the user to locally change the switch position on the Model 4521. Press and release the push button and this will change the position of the switch to A or B.

Remote Contact Control

Contact control pins are on the DB9 female Remote Control port. Pins 1 and 2 are used to change the switch position in the following way:

- Changing contact state from Open to Closed across pins 1 & 2 of the DB9 port causes switch to change to Position B.
- Changing contact state from Closed to Open across pins 1 & 2 of the DB9 port causes switch to change to Position A.



S p e c i f i c a t i o n s

Model: 4521

Port Connectors: (3) HD15 (F) connectors on rear panel for ports A, B, and COMMON

Remote: (1) DB9 (F) connector on rear panel allows remote switch control via contact closure.

Local Control: (1) Pushbutton on front panel for local switch control.

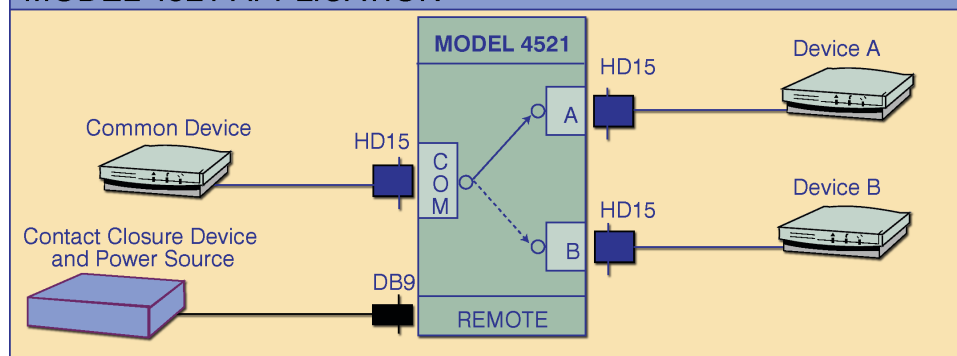
Display: (2) LED's on front panel indicate switch position.

Power: The unit requires 24 volts DC power supplied to pins 7 and 8 of the REMOTE connector.

Dimensions: 7.8" W x 2.9" H x 7.25" D

Weight: Approximately 3 lbs.

MODEL 4521 APPLICATION



**Be sure
to order
your HD15 cables
along with the
switch.
Custom length
available.**