

PAS-200 SNMP Programmable A/B Path Switcher



Provides 16 sets of A/B Pair Switching—With Pair Group Programmability

BASIC FEATURES:

16 individual A/B Balanced Audio Pairs

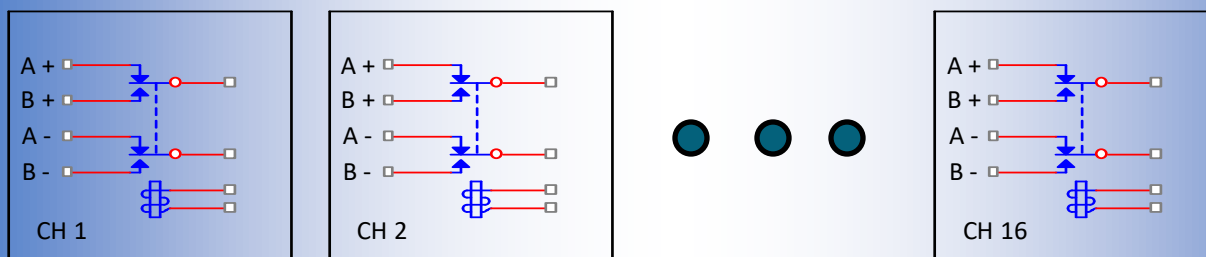
Tascam™ DB25 Connector I/O Standard

Up to 16 Pair Groups Possible from

Parallel GPIO for up to 16 Group Command/Status

SNMP Based for TCP/IP Control and Status

Redundant Power Model Available For Ultimate Reliability



16 individual A/B Balanced Audio Pairs



The PAS-200 SNMP Switcher

The **PAS-200** Passive Multi-Pair Audio Switcher from BDI is designed to accept up to 2 sets 16 balanced pairs and switch between them and provide 16 outputs. The unit can be configured to switch each channel individually or in any grouping of 2 or more channels desired. The signal path is passive through sets of relays so that analog and digital audio signals or control signals can be passed through the switcher. The **PAS-200** can be configured for individual pair switching to up to 16 preset groups. Standard grouping are provided and custom group programming can be performed by the user. In its basic form the user can control any one of the 16 channels individually, stereo pairs, or multiple pairs of greater than two. Suggested uses include emergency path switching for broadcast, pre-configurations of inputs for recording, live sound, and remote truck use. The **PAS-200** can be ordered with redundant power entry for the utmost in reliability. Browse the following pages to view some of the standard configurations and some custom examples that you the user can create. Because the **PAS-200** is web enabled and **SNMP** compatible you can control and monitor status via a TCP/IP connection and use the power of **SNMP** to interface the PAS-200 to **SNMP** remote control systems and software packages. BDI also provides the Windows and Android based **BDI Stack™** Graphical User Interface for direct control and status of the PAS-200 and the other BDI family of audio products.

PAS-200 Technical Specifications

Number of Inputs:	2—Sets of 16 Individual Balanced Pair—Relay Switched
Number of Outputs:	16 Balanced Pairs
Connector Style:	DB25 Female—Tascam™ Pin Configuration Standard
Remote Control:	GPIO for 16 Presets, TCP/IP SNMP v2, RS-485 Serial
Status:	GPIO Open Collector Output for Local Status, TCP SNMP v2 and Serial Status
Programmability:	Windows/Android Based BDI Stack™ Software Supplied for Configuration and Operation—See Following Pages for Programming examples
Power Requirements:	100-240 VAC 50-60 Hertz @ 0.25 A.
Mechanical Specifications:	19" W X 10"D X 1.75" H—Standard EIA Steel Rack Unit Enclosure
Environmental:	0-60 Degrees Celsius Non Condensing Atmosphere
Shipping Weight:	15 lbs. Including Carton. Carton Size 22" W X 14" D X 7" H
Accessories Available:	AIP-100 DB25 to XLR Breakout 19" Rack Panel DIP-100-75 DB25 to 75 Ohm BNC Connector Rack Panel
Ordering Information:	
PAS-200—Single Power Supply Version	
PAS-200D—Dual Power Supply Version	



PAS-200 Rear Panel View



DB25 to XLR and BNC Connector Panels Available, AIP-100 Panel Shown Below

PAS-200 Preset Programmable Configurations Using the BDI Stack™ GUI



16 Channel Individual Control



2—Sets of 8 Channels



8 sets of Stereo Pairs



4 sets of 4 Channels

PAS-200 Preset Programmable Configurations Continued



Custom Grouping Example—One of Many Possible



Custom Grouping and Labelling Example—One of Many Possible

Due to the power of **SNMP** the **PAS-200** can be controlled, monitored and configured with a simple MIB Browser. Once set up the unit retains all configuration information in non volatile memory. Because the channels can be grouped in any combination of 16 the **PAS-200** can be used to switch AES3, analog audio and control signals making it flexible in its use. Use the PAS-200 for any application where rapid changeover is required or for other standard switching between sources is required. A single one rack unit solution manufactured in a steel chassis for excellent isolation from hum and other extraneous noise the PAS-200 is a simple yet effective relay switching system.

Suggested Uses Include:

Multiple Stereo Pair A/B Switching

5.1/7.1 Monitor A/B Switching

Console I/O Configuration A/B Switching

Adding Additional Sources to an series of Inputs

Emergency Multi Pair A/B Changeover

Broadcast EAS Receiver/Generator Program Path Switching

Broadcast Transmitter Site Audio Path Switching

Broadcast Transmitter N+ Audio Path Switching

Live Venue Emergency A/B Changeover