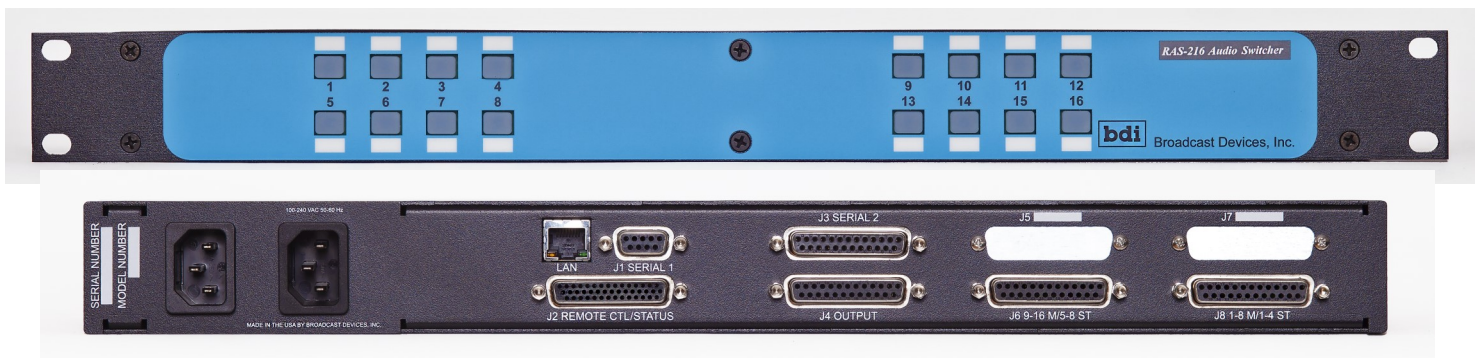


# RAS-216 Passive Audio Switcher



## 16 Mono or 8 Channel Stereo Operation



The **RAS-216 Passive Audio Switcher** is a programmable monaural or stereo audio switcher. For monaural operation selected by DIP switch— up to 16 balanced inputs can be selected to an output. For stereo operation the unit can accommodate up to 8 stereo balanced pairs to be switched to a stereo output. No active circuitry in the signal path relay switching throughout.

Control and monitoring can be accomplished in a variety of ways to accommodate just about every interface situation. RS-232 serial and standard GPIO control/status are available in addition to a LAN interface which supports SNMP v2 while the serial interfaces are programmable by the user to input serial commands for just about any interface. A pre programmed RS-232 command set supports the Sage Endec and Digital Alert Systems Dasdec EAS Encoder/Decoder products. With the programming function you can create a custom serial interface to match your requirements. The RAS-216 also supports a GPIO interface for remote control and there are two types of remote control panel available from BDI. One supports GPIO and the other is a serial interface panel for easy interface over longer runs of cable.

So no matter the application — switching source or network feeds using automation or remote controls the RAS-216 interfaces easily and provides any easy interface

### Features:

- 16— Balanced Monaural input*
- 8—Balanced Stereo pair inputs— switchable between monaural and stereo operation*
- Customizable Channel Naming and RS232 Command settings*
- Audio I/O - Tascam™ DSUB25F throughout*
- Remote Control—GPIO, RS232/485, LAN SNMP v2*
- Redundant Power Supplies— Standard 100—240 VAC 50-60 Hertz*
- Steel Chassis for superior hum rejection*

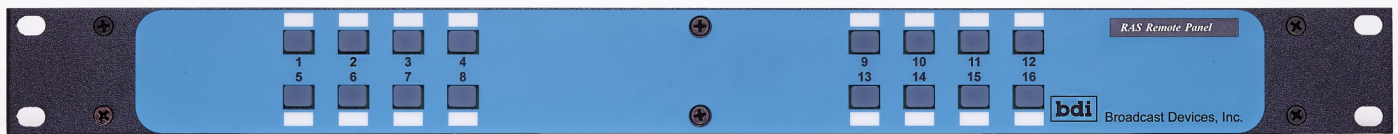
### Uses:

- Remote Source Selection*
- Console Input Multiplication*
- Automation Switching*
- Satellite Feed Switching*
- Emergency Alert System Switching*

Note: Tascam is a registered trademark of Teac Corporation

# Technical Specifications

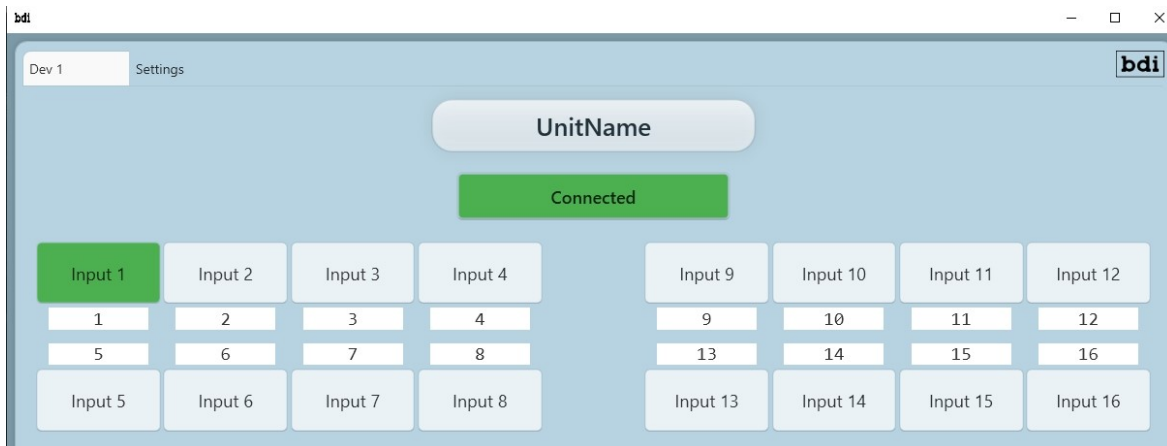
Input:	16 Mono/8 Stereo
Output:	1 Monaural or 1 Stereo pair user configuration dependent
Switching Type:	Relays—Passive signal path
Signal Types Supported:	Analog T/R/S, AES3—non synchronous, DC control
Remote Control:	Parallel GPIO, RS-232 Serial, Ethernet SNMPv2 and Windows based BDI Stack GUI Supplied
Power Requirements:	100-240 VAC 50-60 Hertz @0.5A
Environmental:	0-50 degrees C. Non Condensing Atmosphere
Mechanical:	19" X 10" D X 1.75" H—Standard 1 RU EIA Rack enclosure



Two Optional Remote Control Panels Available from BDI—GPIO or RS-232 Serial



Optional Interface Panels Available from BDI Utilizing Standard Tascam DSUB25F Connection Cable



## Accessory Ordering Information:

Model # RAS-216R GPIO Remote Control Panel supplied with 25 ft. cable

Model AIP-100F XLR Input Panel