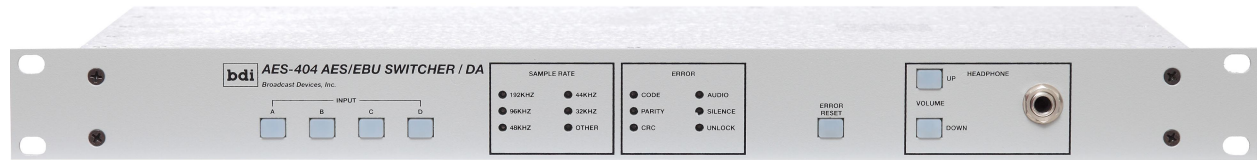


The AES-404 4 Input Digital Audio Switcher



The Switcher ...

The AES-404 is a four input AES3 compatible digital audio switcher. A convenient single rack unit digital audio switcher with professional XLR connection throughout. Select channels from the front panel, GPIO or serial remote control.

The Distribution System ...

Two AES digital outputs are available for distribution to independent 110 ohm balanced lines. Rugged RS422 line drivers provide excellent driving capability for long lines.

The Diagnostic Monitor ...

The unit features complete error flag information with memory retained to aid in troubleshooting. Slipped sample, CRC error, parity error, coding error and unlock status are available. There is a sample rate indicator included too.

The D/A Converter ...

The AES-404 features up to 192 KHz, 24 bit conversion with balanced output for professional analog applications. There is also a front panel headphone output for confidence monitoring. Balanced analog left/right output conforms to industry standard +4 dBm output for -20 dBFS.

The Rest of the Story:

Part of a series of digital audio products from BDI the AES-404 Digital Audio Switcher/DA/D to A Converter has features that few switchers have which makes it suitable for broadcast, professional audio, recording, and ENG truck use. Professional switching, distribution, diagnostics and digital to analog conversion all in one package The AES-404 can even manage non audio standard AES formats for switching and distribution. DIP switch programming of functions allows the user to customize which features for use in different audio situations. Lightweight aluminum construction in a standard EIA rack enclosure makes the AES-404 a great solution for portable setups for transportable rack configurations. Don't settle for so called low cost solutions that don't use XLR connectors, require a rack adapter kit or use "wall wart" power supplies. The AES-404 is a single EIA compatible rack enclosed product with a rugged internal power supply.



Broadcast Devices, Inc.

Tel. (914) 737-5032 Fax (914) 736-6916

email: Sales@Broadcast-Devices.com

www.Broadcast-Devices.com



Snapshot of Features:

Rear View

- Four Input Digital Switcher***
- Two Digital Outputs***
- Balanced Left/Right Analog Output***
- Front Panel Digital Status***
- Headphone Confidence Monitor Output***
- Remote Control of Channel Selection GPIO and RS232/485 Serial***
- Status of Channel Position***
- Global Power Supply - works virtually anywhere in the world***

User On/Off Configurable Options:

- Detect loss of audio on selected channel - Flashing Front Panel Status***
- Defeat front panel channel select - Control with GPIO or Serial Remote Only for rack operations***
- Mute analog output for non audio formats***

Technical Specifications

Number of Inputs:	4 - XLR Conforms to the AES3 Standard
Number of Outputs:	2 - XLR Digital, 1 - Analog Left/Right Balanced
Sample Rates Supported:	32 - 192 KHz
Digital Resolution:	Up to 24 bits
Front Panel Switches:	7 - Channel Selection Error Reset, Volume Up/Dn
Front Panel Monitoring:	LED Indication of Sample Rate, Error Status,
Power Remote Control/Status:	Open Collector control of channel selection
	Open Collector control of channel selection
	Open Collector Output Channel
	Status via 9 Pin D connector or RS232/485 R/C
	via 9 Pin D connector
Headphone Monitor:	1/4" Phone Jack on Front Panel with Digital
	Volume Control
Physical Dimensions:	19"W X 1.75"H X 10" D
Power Requirements:	100-240 VAC 50 - 60 Hz
Environmental:	0 - 60 Degrees C. Non Condensing Atmosphere

Authorized Distributor: