



## AES/EBU Detector Switcher (DADS-01)



The Davicom DADS-01 is a digital audio detector and switcher. This device has the capability of sensing errors and silences in the digital audio input stream and automatically switching to a second AES signal, or to a third analog source. Besides operating automatically, the DADS-01 can also be operated manually, either locally or remotely, through its rear panel parallel I/Os or through a USB connection.

The DADS-01 has three inputs and one output. The first two inputs are digital audio inputs with automatic sensing of the data sampling rates. The third input can accept an analog audio source which is internally sampled at 48 kHz. The DADS-01 output sampling rate follows the input sampling rate.

### General Specifications

- Digital audio error sensor and silence detector
- Automatic or manual input switching
- User selectable delay for input switching
- Automatic sampling rate sensing: 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz and 192 kHz
- Jitter lower than 0.025 UI peak
- Digital Input Impedance: 110  $\Omega$
- Two digital inputs (XLR), one analog (Terminal Block)
- LCD on front panel for control and monitoring of audio levels
- USB port for control and monitoring
- Rear panel outputs for channel error/low signal level
- Rear panel output for selected source signal
- Rear panel control inputs for remote audio selection (EIA levels or dry contacts)
- User selectable analog input impedance: 600  $\Omega$  or 10 k $\Omega$
- Conforms to AES Standard for Digital Audio and to EN 55022/55024 (EMC)
- Dimensions: 8.5" x 1.5" x 12" half-rack unit (tray available)
- Power: 12V, 250 mA

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