**MUX-8258-B**  3G  HD  SD  AES

3G / AES / EBU Audio Embedder – 110Ω

The ideal solution for embedding 8 balanced AES streams into a SDI signal.

The MUX-8258-B is a high quality program audio embedder capable of embedding up to 8 AES / EBU pairs (16 audio channels) into an 3G / HD / SD SDI signal. Audio proc amp control on each input allows for audio processing with independent channel sample rate conversions, gain of ±20dB, audio delay up to 1 second and channel phase invert and summing capability.

The MUX-8258-B is extremely flexible in handling channel assignments and channel re-mapping as well as fully configurable append and overwrite capability for existing channels. Various configuration options are available for backup scenarios should a loss of input occur.

The MUX-8258-B features 8 AES 110Ω balanced inputs.

**Key Features**

- 16 discrete channel audio embedding for all popular 3G / HD / SD SDI formats
- Audio proc amp controls; gain, invert, delay and sum, sample rate conversion
- Full control over channel assignments, primary and backup sources
- Configurable overwrite and append capability for existing embedded audio
- Programmable video output on SDI input loss
- Backup audio insertion on audio input loss
- Programmable silence detection and timeout thresholds
- Balanced 110Ω AES inputs
- No audio breakout cables required
- 5-year transferable warranty
- Power: 8.5 watts

**Ordering Information**

AES / EBU Audio Embedder - 110Ω  
MUX-8258-B  AES / EBU Audio Embedder

Rear Module Suffix (ex: [model]-R2)  
-R2B  Rear Module for MUX-8258-B