



Digital Audio De-Embedder for SDI



GEF-SDI-AUDD

Remove and independently route audio data from an SDI source to any four audio outputs

The GefenPRO 3GSDI Audio De-Embedder extracts audio from 3G-SDI, Single-Link HD-SDI, ED-SDI, and SDI video signals. Up to four AES/EBU digital audio streams can be de-embedded and routed to any of the four audio outputs. Selection and routing of each audio group or pair can be configured via RS-232.

How It Works

Connect an SDI source to the SDI In connector. Connect the SDI Loop Out connector to an SDI audio/video device to monitor the original unmodified signal. Connect the Output connector to an SDI acceptor (such as video broadcast equipment). Connect up to four AES/EBU digital audio reproduction devices (such as a DAT recorder or pre-amp) to the Audio Out connectors. Connect the RS-232 cable from the Audio De-Embedder to a PC or automation system to control which audio group or pair will be de-embedded from the video signal. Connect the AC power cord to the 3GSDI Audio De-Embedder and to an available electrical outlet. Once the unit is powered, RS-232 commands can be used to select the audio group and pair to be de-embedded from the video signal.

NOTE: This product is not compatible with dual-link HD-SDI sources.

Features*

- Supports SDI, ED-SDI, Single-Link HD-SDI, and 3G-SDI
- Allows individual digital audio channels to be re-arranged on the output
- Audio delay adjustment for each pair of audio outputs (0 – 150 ms)
- 3G-SDI detection
- LED Status Indicators
- Standby Mode
- Firmware upgradeable via RS-232 interface

Specifications*

- Supported formats:
 - SDI (SMPTE 259M)
 - ED-SDI (SMPTE 344M)
 - Single-Link HD-SDI (SMPTE 292M)
 - 3G-SDI (SMPTE 424M)
- SDI Input Connector: (1) BNC, female
- SDI Loop Out Connector: (1) BNC, female
- SDI Output Connector: (1) BNC, female
- Digital Audio Output Connectors: (4) BNC, female
- RS-232 Connector: (1) DB-9, female
- Power On Indicator: (1) LED, blue
- 3G-SDI Indicator: (1) LED, blue
- Audio De-embedder Indicator: (1) LED, blue
- SDI/HD-SDI Signal Indicator: (1) LED, bi-color (red/green)
- Power Supply: 100 - 240V AC (Internal)
- AC Power Connector: (1) IEC type



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