



The **SDDM-8 SDI to Analog Audio de-embedder** offers an economic yet versatile means of ingesting the various SDI-TV standards and de-embedding the eight analog channels of audio.

All eight line-level outputs are available on Phoenix connectors at the rear of the unit. Provision is made for two-channel headphone monitoring along with embedded group and channel selection.

Like all of the SoundPals line, the SDDM-8 is housed in a compact, rugged aluminum enclosure.

NAB-97 Pick Hit Awards
Awarded to
Graham-Patten SoundPals
for
Outstanding Technical Achievement

SDDM-8

**SDI to Analog
Audio De-embedder**

Features:

- **Active looping SDI input**
- **8 line-level channel outputs**
- **2 channel headphone output with independent volume control**
- **AES/EBU group and channel selectors**
- **Compact size:
5.2"W x 1.62"H x 6.625"D
(15.2 x 4.1 x 16.8 cm)
less connectors**

Now!
7 Year
Warranty
on
SoundPals

TECHNICAL DATA

Video Input

Video with embedded audio	SMPTE 259M
Impedance	75Ω
Amplitude	800 mV ± 10%
Equalization	0-100m Belden 8281 or Equivalent
Data Rate	270 MBPS
Input Return Loss	<15 dB
Video formats	525/59.94, 625/50
Standards	SMPTE 259M, 125M

Audio

Digital

Sample Rate	48 Khz Synchronous to Video
Resolution	24 bits before D to A conversion
Embedded format	SMPTE 272M

Audio

Analog out

Impedance, balanced	30Ω
Impedance, unbalanced	15Ω
Level, balanced	+4 dBu at -20 dBFS Adj ± 4dB
Level, unbalanced	-2 at -20 dBFS
Max output	+24 dBu, bridging load +22 dBm, 600Ω load
THD+N	-86 dB at max output
Dynamic range	>100 dB
Frequency response	+0, -0.3 dB 20Hz to 20KHz +0 - 0.1 dB 50Hz to 15KHz

Headphone Out

Min Load	20Ω
Dynamic range	>91 dB

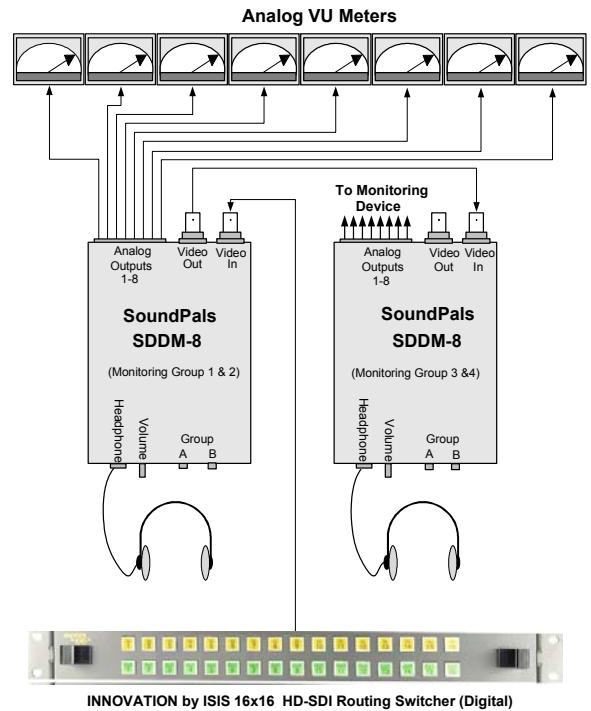
OPTIONS

RT-2	1RU rack tray for mounting up to 3 units with power supply
PSU-1	90-260V 50/60Hz in-line power supply with detachable IEC power cord

Your local Graham-Patten Distributor:

APPLICATION DIAGRAMS

There are many uses for SoundPals in music recording, radio or television broadcasting, DVD/CD/CR-ROM mastering, and video production and post-production.



In this application, the INNOVATION SDI routing switcher is fed to the first SDDM-8 SoundPal, which is selected to monitor groups 1 and 2 and drive the eight Analog Meters. The video signal is then fed from the active video output connector to the second SDDM-8 SoundPal, which is selected to monitor groups 3 & 4. The eight analog audio signals are fed to a monitoring device. Both SDDM-8 SoundPals have a set of headphones connected to them, making it easy for the operator to monitor any stereo pair of the four groups.



A division of