



SDZHD08 is a 8x8 HD-SDI and SD-SDI digital matrix switcher with associated analog audio. It's ideal for switching HD/SD-SDI signals in video studios, production center, and non linear editing suites. Each input is provided with an automatic compensation and each output is reclocked. Audio is inputs/outputs balanced type. The matrix switcher can be controlled by integrated keyboard and by computer through RS232 or LAN. SDZHD08 performs a synchronous switching with an analog external reference (bi-level or tri-level sync) with the possibility to select the switching line.

- Automatic selection HD-SDI/SD-SDI
- External switching reference
- Switching line selectable
- Control by keyboard, RS232 or LAN
- 8 recallable presets
- Balanced audio combined
- Equalization disable selectable on each input
- Reclocking disable selectable on each output
- Optional redundant power supply

Technical specifications

VIDEO HD/SD-SDI

Standard:	SMPTE 259 M (143 Mbps, 177 Mbps, 270 Mbps, 360 Mbps) SMPTE 344 M (540 Mbps) SMPTE 292 M (1483 Mbps, 1485 Mbps)
Input coupling:	AC, 75 Ω
Inputs:	8, with equalizer up to 200 mt RG59DS (SD-SDI) or 100 m RG59DS (HD-SDI)
Input return loss:	>15 dB
Outputs:	8 with reclocker
Output amplitude:	800 mVpp/75 Ω
Jitter:	<0.2UI
External reference:	Analog bi-level or tri-level sync, with Loop

AUDIO

Input:	Differential with Phoenix screwtype removable
Input coupling:	AC
Input impedance:	44 KΩ differential, 22 KΩ single ended
Input level:	+21 dBm Max (balanced)
Output impedance:	600 Ω
Output gain:	0dB
Frequency response:	±0.10 dB from 20 Hz to 20 KHz
Harmonic distortion:	0.2% from 20 Hz to 20 KHz at +6 dBm
Hum & noise:	-63 dBm unweighted (worst case)
Crosstalk:	55 dB at 16 KHz (worst case)

