

Converter and Connections

Resolution	24 Bit
Sample Rates	44.1, 48, 88.2, 96, 176.4, 192 kHz
Varispeed	±12.5% in 56 CH mode, -12,5% in 64 CH mode
Reference Levels/Inputs	24dBu max, selectable 22dBu, 18dBu, 15dBu
Reference Levels/Outputs	24dBu max, selectable 22dBu, 18dBu, 15dBu
Clock	Internal clock circuitry from SPL, Wordclock or MAD1
Expandability	4 units via MAD1 chain for 64 channels
Wordclock Input	75 ohms, terminated impedance
Wordclock Level	Input: TTL/CMOS ₅ /CMOS ₃ ; Output: 3.3V _{tt}
MAD1 channels	44,1 & 48kHz: 56/64ch
MAD1 channels	2x 44,1 & 48K: 28/32ch
MAD1 channels	4x 44,1 & 48K: 14/16ch
MAD1 formats	2x 44,1 & 48K, 4x 44,1 & 48kHz: SMUX/HighSpeed
Audio Inputs	16 analog, balanced inputs, DB25/Tascam MAD1 optical digital input (up to 64 channels)
Audio Outputs	16 analog, balanced outputs, DB25/Tascam MAD1 optical digital output (up to 64 channels)

Analog Inputs/Measurements

S/N	115 dB (A-weighted, 48 kHz)
Dynamic Range	115 dB (-60 dBfs, A-weighted, 48 kHz)
S/(N+D)	102 dB (-1 dBfs, 48 kHz)
Interchannel Isolation	110 dB (48 kHz)
Passband Response	22 kHz (-0.02dB, 48kHz)
Passband Ripple	+/- 0.005 dB (Decimation-LPF, 48kHz)
Stopband Attenuation	100 dB (Decimation-LPF, 48kHz)

Analog Outputs/Measurements

S/N	115 dB (A-weighted, 48kHz)
Dynamic Range	115 dB (-60dBfs, A-weighted, 48kHz)
S/(N+D)	100 dB (-1dBfs, 48kHz)
Interchannel Isolation	110 dB (48kHz)
Passband Response	21.8 kHz (-0.04dB, 48kHz)
Passband Ripple	+/- 0.06 dB (Digital Filter, 48kHz)
Stopband Attenuation	70 dB (Digital Filter, 48kHz)

Rear Connections

1 IEC power connector	
USB Type A socket (no audio, firmware updates only)	
Wordclock input via BNC socket with Termination switch	
Wordclock output via BNC socket with Termination switch	
MAD1 optical input, Type SC	
MAD1 optical output, Type SC	
2 x DB25 8-channel analog inputs (Tascam)	
2 x DB25 8-channel analog outputs (Tascam)	
Power Supply	Switchmode, 90-264 V AC, 50/60 Hz, 35W max.
Thermal Units	65 BTU/h typ., 110 BTU/h max.
Dimensions (HxWxD, mm)	44 x 482 x 260 (without sockets D=240)
Dimensions (HxWxD, inch)	1,7 x 19 x 10,2 (without sockets D=9,4)
Weight kg	3,05 (3,17 with 2nd Power Supply)
Weight lbs	6,72 (6,99 with 2nd Power Supply)

Note: odBu = 0,775 V. Technical specifications subject to change without notice.