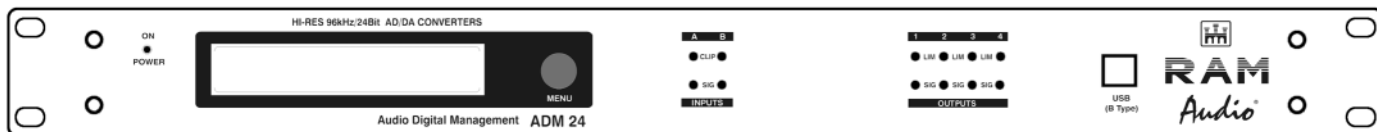


ADM-24



Audio Digital Management



Features

Two Inputs and four Outputs: configurable as two way stereo and three or four way mono processor
24 bits/96 kHz A/D and D/A Converters.
32 bits floating point DSPs. 56 bits internal resolution.
Optional AES/EBU, SPDIF Digital Input. It includes bit rate frequency converter (32kHz-96kHz 24 Bits).
USB and Ethernet port connection to PC.

Input Configuration

Gain control.
Delay Line: 0 to 20 meters.
EQ: 29 full configuration filters per input (Parametric, Shelving, LowPass, HiPass, BandPass, StopBand, AllPass).

Output Configuration

Free Routing.
Output Delay: 0 to 7 meters.
Crossovers: Up to 8th Order (48dB/Oct). Butterworth, Linkwitz-Riley, and Bessel.
Output EQ: 9 full Configuration filters (Parametric, Shelving, LowPass, HiPass, BandPass, StopBand, AllPass).
Gain, Phase inversion and Mute.
RMS and Peak Compressor / Limiter with adjustable Knee which permits a progressive limitation threshold offering a more transparent effect when compared with conventional limiters. Absolutely distortion free Dynamics Control.
Noise Gate.
Possibility to use the acoustic system parameters, magnitude and phase, and refer to the system's Total Electro-acoustic response so that "you hear what you see".

Technical Data

Input Impedance: 12 kOhms Balanced
Output Impedance: 50 Ohms Balanced
Dynamic Range: 120 dB
Distortion: <0.0018% @-1 dBFS
Crosstalk: -90 dB
CMRR: >50 dB
Storing Memories: 50
Configuration: USB and EtherNet
DSPs: 32 bits, floating point and 56 bits internal resolution
Switching Power Supply: Universal 85-265V AC, 50-60 Hz

