

# Ram Audio ADM24 – 19“ DSP Controller

(reference RAMADM24)



- 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
- USB and EtherNet port connection to PC
- 50 storing memories

## 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 meter
- 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, Mute and Phase inversion
- 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 Specifications

- Type: Digital
- Model: Stereo 2-way/mono 4-way
- AD/DA converter: 24 bits
- Sampling frequency: 48 kHz
- Frequency response: 20 Hz - 20kHz
- Filter type: IIR x-overs: Linkwitz-Riley, Butterworth, Bessel, EQ: Parametric, Shelving, LowPass, HighPass, BandPass, StopBand, AllPass
- Filter slew rate: 6/12/18/24/30/36/42/48 dB/Oct
- Dynamic range: > 110 dB
- THD: < 0,0018%
- Crosstalk: > 90 dB
- Max. input level: +20 dBu
- Max. output level: +20 dBu
- Input impedance: 12 kOhm
- Output impedance: 50 Ohm
- Controls: Push Encoder
- Display: 24x2 Characters
- Line inputs: 2
- Line input connectors: Neutrik XLR
- Line outputs: 4
- Line output connectors: Neutrik XLR
- Interfaces: USB, Ethernet
- Mains connector: IEC-Schuko
- Operating voltage: 85 - 265 V AC, 50-60 Hz
- Width: 19“
- Height: 1 U
- Accessories (included): USB cable, Mains IEC-Schuko cable