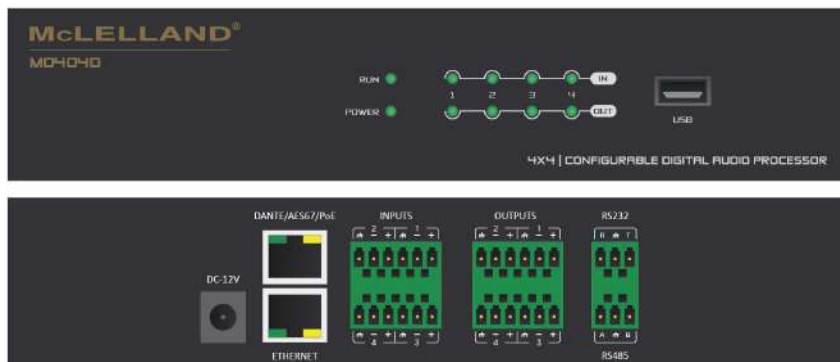


# M0404D | Audio Processor ▶▶▶▶▶



## FEATURE:

- \* Analogue input channels: 4
- \* Analogue output channels: 4
- \* Dante input channels: 4
- \* Dante output channels: 4
- \* Processor: ADI SHARC 21489@450 MHz SIMD.
- \* DSP processing power: 400 MIPS, 1.6 GFLOPS.
- \* Sample rate: 48 kHz, 3 100 ppm.
- \* Input dynamic range: 110 dB.
- \* Output dynamic range: 112dB.
- \* THD+N: <-100dB @4dBu.
- \* Built-in two-in, two-out USB sound card for music playback, recording and soft video conferencing (e.g. ZOOM, Tencent conference, nail conference, etc.);
- \* Two independent AEC channels, long tail time: 512ms, convergence rate: 60dB/S, echo cancellation amplitude: 60dB.
- \* Independent channel AFC (feedback suppression) with trap algorithm, acoustic gain enhancement: 10dB; Noise suppression (ANS) with 18dB S/N ratio improvement;
- \* 8-band British parametric equalization with 5 filter options: Parametric, Lowshelf, Highshelf, Lowpass, Highpass.
- \* End-user customizable interface, supporting up to 30 devices with the same interface management.
- \* With the central control function, supports three control methods of RS232, RS485, and UDP, and can control the power supply, signal switching, environmental control, audio, etc. in the system as a whole, and realize the functions required to open the system with a single click.

## SPECIFICATIONS:

Processor:	ADI SHARC 21489
Sample rate/quantization bits:	48K/24bit
Number of analogue input and output channels:	4 x 4
Input gain:	0/6/12/18/24/30/36/42/48 dB
Phantom power:	+48V/10mA max
Frequency response (20-20kHz):	30.5dB
Maximum level:	+18dBu
THD+N:	<-100dB @17dBu
Dynamic range (analogue channel):	110dB
Input dynamic range:	110dB
Output dynamic range:	112dB
Channel Isolation @1kHz:	108dB
Input impedance (balanced):	5.4KΩ
Output impedance (balanced):	600Ω
System delay:	<3ms
Operating power:	DC12V/PoE48V
Dimensions (WxDxH):	215 x 162x 44mm
Shipping weight:	2KG