Digital Audio Processor | LION 1212N

· Comprehensive matrix mixing function, 24bit/48KHz sampling frequency, high-performance A/D D/A converter and 32-bit floating-point DSP processor.

· DSP audio processing, built-in automatic mixing console, including mixing and automatic mixing functions, but also with mixing component control, while having feedback elimination, echo elimination, noise elimination; settable echo path length, the maximum echo off-tail can be supported up to 512ms, suitable for use in a variety of large, medium and small conference rooms; embedded noise suppression algorithm can eliminate additional noise environment noise; can quickly track feedback path changes, so that the ability to greatly enhance the whistle suppression; microphone sound transmission gain increase of not less than 6dB; noise suppression to -30 dB, the voice is completely distortion-free; processing non-smooth noise, can quickly track noise changes.

Number of Analog Channels	12-way balanced/line input + 12-way balanced/line output; built-in 2*150W digital amplifier module	Digital-analog Dynamic Range (A-weighted)	120dB
		Analog-digital Dynamic Range (A-weighted)	114dB
System Delay	≤9ms	Input Impedance (Balanced)	20 KΩ
Sampling Rate	48k@24bit	Output Impedance (Balanced)	100Ω
Preamplification	51dB(3dB per step, 17 steps in total)	EIN (A-weighted)	≤-131 dBu
Phantom Power	48V	Channel Isolation	104dB @1k Hz, 4dBu
Frequency Response	20Hz ~ 20K Hz, ±0.2dB	Common Mode Rejection	70dB@80Hz
THD+N	≤0.003% @1k, 4dBu	Maximum Input Level	18dBu
Background Noise	-90dBu	Maximum Output Level	18dBu
Operating Power	AC110V-220V,50Hz/60Hz	Chassis Size(WxDxH)	482*258*48(mm)