

DMX108D



FEATURE:

- High-speed processing DSP Chip, the new generation of AFC algorithm to eliminate the feedback faster and make system more stable.
- Application includes Auto Mixer (Limiter threshold and Gain), Routing, Audio Processing and special signal extension Processing.
- 8-channel Phantom Power Microphone/Line input, 8- channel circuit Output;
- 8- channel External control input and 8- channel Logic output.
- Microphone Pre-amplifier, Compressor, Auto Gain Control, Ducker, Auto Mixer, Matrix Mixer, AEC, Crossover, Equalize PEQ, Limiter and Delay. Provide a complete set of Audio Process solution.
- Connect with GUI interface directly through Ethernet, Easy and efficient to set.
- Power off automatically save function.
- RS232 interface connect to 3rd party communication.
- Extensive GPIO Capabilities.
- Option to configure with Dante Modules.
- 96KHZ sampling frequency, 32-bit DSP processor, 24-bit A / D and D / A conversion.

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Matrix Processor

SPECIFICATION:

Model	DMX108D/DSP0808				
Frequency response	20Hz-20kHz, ± 0.5 dB				
Input impedance(bal/unbal)	20k Ω (bal) , 10k Ω (unbal)				
Output impedance(bal/unbal)	300k Ω (bal) , 150 Ω (unbal)				
Maximum Input/Output level	24dBu				
SNR(dB@A-Weighted,+4dBu)	93	9222	92	91	85
	93	9292	92	91	85
Dynamic Range	109, A-Weighted				
THD+Noise	< 0.003%@unweighted,+4dBu				
Channel Separation	>92dB@1kHz, +4dBu				
CMRR	>100dB@1kHz,unity gain, +4dBu				
Circuit Gain(dB)	0	12	24	36	40
	0	12	24	36	40
Phantom power	+48V, 10mA				
Logic Input	0~3.3V				
Logic Output	5V, 10mA				
External Input Control	8 Channel, 0-3.3V DC Analog input and logic level input each channel,could be connected with logic trigger or potentiometer				
Internet	100M connect GUI				
Power	AC 90~260V, 50-60Hz 50-				
	AC 90~260V,				
Height	482x231x45mm(WxDxH)				

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