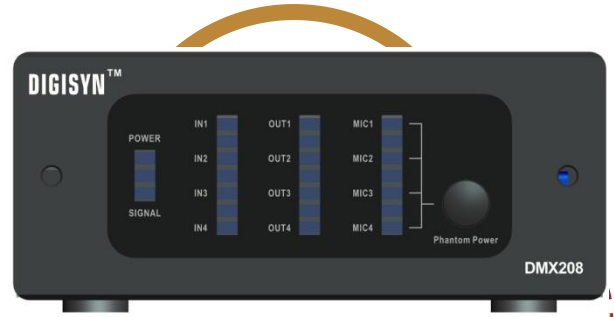


DMX-208

Network Audio Processor



DMX-208

8 x 8 Channel Network Audio Processor

Features: 8 IN 8 OUT Channels (4 Analog Channels / 4 Network Channels).

AES67 Protocol; Powerful DSP Function Support OTA Upgrade & Splice;

Intelligent Combination With Multiple Devices For More Channels.



Ultra-low
Latency



Lossless Sound
Quality

96K

48/96KHZ
Sampling Rate

DSP

Powerful DSP
Functions

Powerful, Flexible, Smart

DMX208 is a network audio processor. It can communicate with other network devices based on AES67 protocol. Support signal routing and equipment management via DigisynLink software. DMX208 supports DSP customize configuration with life time OTA updates.

Benefits

- AES67 protocol, no server required, IP assigned automatically, Auto-discovery with software;
- Powerful DSP function can be configured freely;
- Full visual operation interface: signal routing, equipment debugging and management;
- Auto recovery from disconnection or power lost;
- Lossless audio transmission, up to 96k sampling rate, Hi-End grade AD / DA;
- Support 48v phantom power supply;
- Continuously OTA Firmware upgrades;

Customizable powerful DSP functions

- Freely combined DSP functions: EQ, Delay, Gain, AFC, etc;
- The APP store will be launched soon. Functions: AEC, DEQ, Virtual Sound Card, etc;
- Lifelong supported OTA upgrades;

All In One Visual Management Software

Implemented in a DigisynLink software: the whole system visual signal connection, all equipment configuration and function management.

Spliced Expansion Channel*

2 PCS DMX208 can be spliced into 8x8 channel

* Expansion channel will be available by Q4 2022



DMX-208 AES67 Network Audio Processor

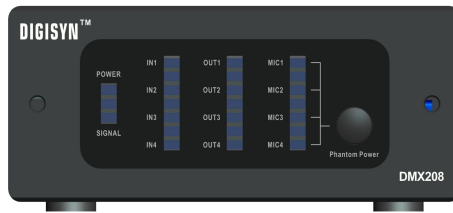
SPECIFICATIONS

Audio Capabilities

Sample Rates	44.1/48/88.2/96kHz
Network audio delay	0.5 ~ 20 ms
Bit Depth	24 Bit
Harmonic distortion + noise	0.005%@re +4dBu, A weighting, 1kHz
Channel isolation	84DB, A weighting, re+4dBu
Frequency response	±0.3DB 20Hz-20kHz
Maximum input/output level	14DBU@1kHz, THD+N≤1%
Dynamic range	110DB, A weighting
Words put gain	0\15\20\24 DB 4 files
Common mode rejection ratio	≥50DB @1kHz, re+4dBu
The input impedance	Equilibrium 18kΩ, non-equilibrium 9kΩ
Output impedance	Equilibrium 300Ω, Non-equilibrium 150Ω
DSP Function	PEQ, Delay, Mixer, AFC, Crossover, FIR, etc.

Hardware

Analog audio channel	4 IN, 4 OUT
Network audio channel	4 IN, 4 OUT
Phantom power supply	48V, 10MA, Ripple≤10MV
Power supply	12VDC, 1.5A adapter power supply, POE power supply
Analog Interfaces	Phoenix Interface
Network	100Mbps
Size	108*149*45mm
Net weight	0.7 kg



DSP Function Comparison

DSP Function	DMX208	DMX208-P
PEQ	√	√
High/Low Shelf	√	√
High/Low Pass	√	√
Delay	√	√
AFC	√	√
96KHz	√	√
Compress	√	√
FIR	√	√
Noise Gate	√	√
Peak Limit	√	√
AEC	×	√
AGC	×	√
ANS	×	√