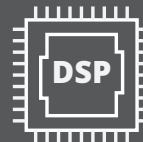


DMX208L

4 x 4 AES67 Network DSP Matrix Processor



AES67 Module



Extensive DSP



Partner

Ever-Iterating AES67 Devices

The DMX208A is a powerful AES67 network audio matrix that supports communication with other AES67 devices. It enables full-system audio routing, device configuration, real-time monitoring, and DSP management through the All-in-one software. With support for DSP customization and OTA upgrades, it ensures continuous updates and functional optimization of the device.



DMX208L Front

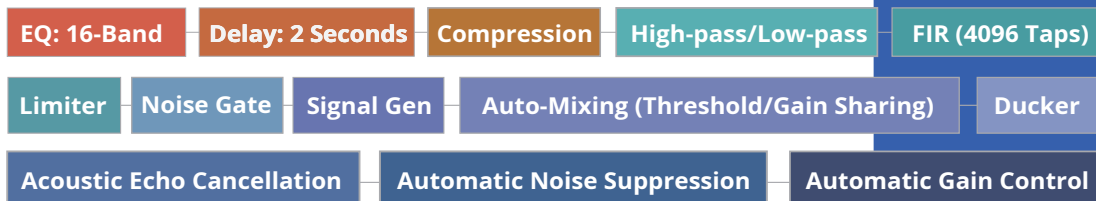
Hi-End ADC / DAC

The DMX208A operates independently, auto-assigns IPs, and supports lossless audio (96kHz/32bit). It includes Hi-End ADC/DAC, a visual interface, auto-routing recovery, and 48V phantom power, functioning as an input interface box.



DMX208L Back

Comprehensive DSP Functions

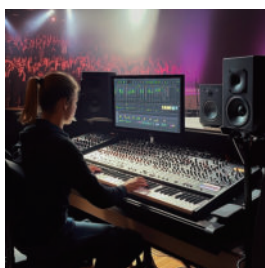


GPIO

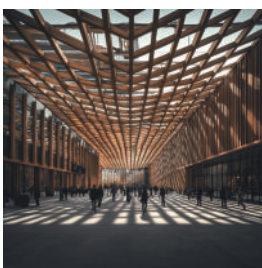


XLR

Applications



Live Music



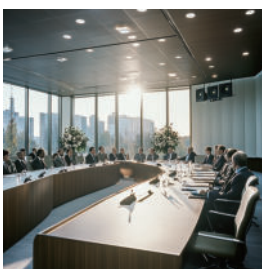
Public Address



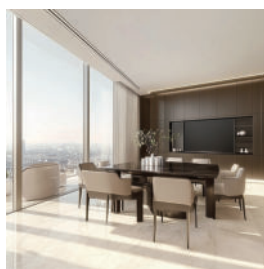
Smart Education



Broadcast



Conference



Smart Home

Key Features

- 96 kHz sampling rate, 32-bit depth
- 8-channel GPIO interfaces
- 4A algorithm: AGC ANS AEC AM
- Input supports 48V phantom power
- 8 x 8 automatic mixing matrix
- Com patible with DSCORE, can be combined into a massive audio network

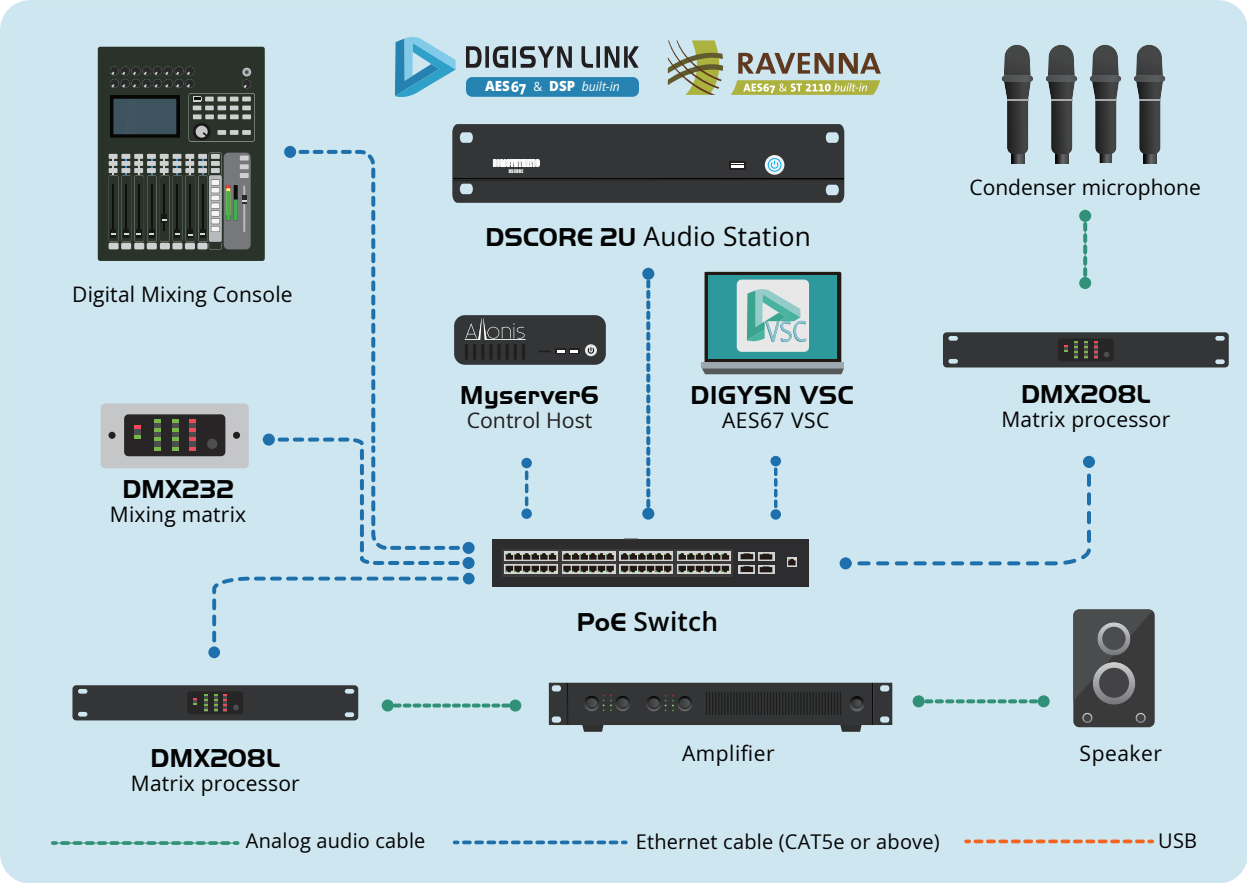
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Topology Diagram



Technical Specifications

Audio Functions	
Sampling rate	48 / 96 kHz
Network latency	1 ~ 6 ms
Bit depth	16 / 24 / 32 bit
Channel isolation	84 dB, A-weighted, re+4 dBu
Frequency response	±0.3 dB 20 Hz - 20 kHz
Maximum input/output level	14 dBu @ 1 kHz, THD+N ≤ 1%
Dynamic range	110 dB, A-weighted
Mic preamp gain	0 / 15 / 20 / 24 dB
CMRR	≥50 dB @ 1 kHz, re+4 dBu
THD+N	0.005% @ re+4 dBu, A-weighted, 1 kHz
Hardware	
Analog channels	4 in 4 out
Network channels	4 in 4 out
Power supply	12V DC 1.5A / PoE power supply
Phantom power	48V 10mA ripple ≤ 10mV
Analog interfaces	XLR connectors / GPIO interfaces
Network	100 Mbps
Dimensions	483 x 149 x 45 mm
Net weight	2.1 kg