

MXE Series



MXE5

MATRIX MIX ENGINE



The MXE5 is the first member of the MXE matrix mix engine series. The 24 x 24 crosspoint performance audio matrix offers both routing and mixing functionalities, with 12 analog mic/line inputs and eight

line outputs. At the same time, the MXE5 serves as a communications hub for all IP-based peripherals and provides comprehensive supervision of all system-wide commands.

96 kHz
SAMPLING RATE

Delivering the highest audio quality

The MXE5 benefits from advanced DSP, providing outstanding audio quality and dynamic range. This is ensured by a sampling rate of 96 kHz and the industry's lowest audio latency of less than 0.22 ms.

Ready for a wide range of applications

The MXE5 is designed for consultants, production companies, specifiers and system integrators who demand the highest-quality BGM and uncompromising live performance sound.



Built on comprehensive software

The MXE5 integrates completely with Dynacord's SONICUE sound system software, one of the most powerful software interfaces in the industry, offering comprehensive control and easy, intuitive operation.



Made for mixing and routing

The MXE5 offers a variety of functions beyond being a powerful crosspoint matrix; it also works as both a system manager and an OCA controller with complete monitoring and supervision abilities.



DRIVE IT WITH



SONICUE
Sound System Software





customized controls



Example interfaces

Thanks to SONICUE, the MXE5 can be assigned with personalization features, rights management and GPIO configuration. The optional TPC-1 touch panel controller has a low-profile form factor and features a 5.7" HD display.

Specifications

MATRIX SIZE	24 x 24
SAMPLING RATE	48 kHz / 96 kHz
DANTE IN/OUT	24/24
ANALOG INPUTS	12 mic/line
ANALOG OUTPUTS	8
MAX. INPUT/OUTPUT LEVEL	+ 22 dBu
SIGNAL TO NOISE RATIO (INPUTS / OUTPUTS)	> 118 dB
SIGNAL PROCESSING	32/40-bit floating point
THD+N	< 0.002 %
CROSSTALK	< -80 dB
LATENCY (ANALOG IN/OUT, 48 KHZ / 96 KHZ)	< 0.45 ms / < 0.22 ms
CONTROL PORTS	8 GPIO
DIMENSIONS (W X H X D)	483 x 43.5 x 471 mm (19", 1 RU)
WEIGHT	6.0 kg (13.2 lbs)

Key features

24 x 24 zone/matrix mixer
12 mic/line inputs and eight line outputs
48 / 96 kHz sampling rates
System manager / OCA controller / FIR-Drive controller
Outstanding SNR, THD and latency specifications
Professional input and output processing
Complete SONICUE sound system software integration
Q-SYS plug-in
TPC-1 touch panel controller