

ABT-MX12

AUDIO MATRIX



The ABT-MX12 audio matrix is the central element of the Public Address System. It is responsible for matrixing input and output signals and their digital processing. The matrix offers 12 analog inputs and 8 analog outputs. Extensive DSP options allow for precise sound shaping, including level adjustment, correction, dynamics, and signal routing management, ensuring high quality and flexibility in system configuration. The ABT-MX12 is designed for

users of all skill levels, offering both simple, maintenance-free operation and the ability to manually adjust and change signal routing. Advanced configuration and detailed DSP settings are performed using intuitive PC software.

CHARACTERISTICS

- ✓ *Multichannel audio matrix*
- ✓ *12 analog inputs × 8 analog outputs*
- ✓ *4 RD ports for connecting microphones and controllers*
- ✓ *Optional support for the Dante standard*
- ✓ *Advanced DSP functions*
- ✓ *Ability to upload presets*



	ABT-MX12
Electrical specifications	
Power Supply	100 – 240 VAC 50/60Hz
Power Consumption	27W (typical)
Input Impedance	6,8 kΩ
Phantom Power	+48 VDC (±3V)
Frequency Response	20 Hz – 20 kHz @ 0 dBu ±1,5 dB
Total Harmonic Distortion (THD+N)	< 0,03% @ 20 Hz – 20 kHz, 0 dBu
Maximum Input Level	+20 dBu
Digital Gain Range	0 ~ -48 dB in 12 dB steps
Dynamic Range	108 dB
Crosstalk Between Channels	< -88 dB @ 20 Hz – 20 kHz, 0 dB
Interfaces	
Analog Audio Inputs/Outputs	12 inputs / 8 outputs
Connector Type	Euro-block 3 × 6-pin 5mm pitch
RD ports (remote device)	4
Mechanical Specifications	
Dimensions	44 × 483 × 256 mm (H × W × D)
Mounting	19" Rack
Weight	5,290 kg

