MZ 8060

AUDIO MATRIX

Description

MZ 8060 is a highly versatile digital audio matrix designed on a powerful DSP platform, based on advanced electronics. It features a 8x6 matrix, where 8 universal MIC-LINE inputs and 6 outputs can be processed through a large number of audio parameters, such as parametric equalizers, compressors, gates, limiters, delays, duckers, priorities, auto-mixer. The Automatic Level Control facility is also available, a probe can be connected on input8, in order to automatically adjust the volume level according to the environmental noise measured. MZ 8060 is able to receive 10 logic inputs (GPI) and send 6 logic outputs (GPO), assignable. 2 of these outputs are operated by a relay. A serial port can be set to control the unit from a third party system (e.g. Crestron and AMX). Moreover, it is possible to link two MZ 8060 (in master-slave configuration) to create a16-input 12-output matrix.
A slot on the rear panel allows the integration of an optional RCF RDNet module, to access MZ 8060 through an RDNet control network. Up to 12 paging consoles BM 3003 can be daisy-chained to the dedicated RJ 45 input, alternative on input 1. The front panel integrates several LED indicators to allow the supervision of the audio input and output activities. A dedicated PC Control Software, embedded into RDNet environment is available for unit setup and control: if the optional RDNet module is not installed, a standard USB connector is located on the front panel. It is suitable for 19'' rack mounting (1U). MZ 8060 uses a 50W power supply, 100-240VAC, 50/60Hz.

Features

Line Art 2D

› 40-bit floating point processing DSP and 48 kHz 24-bit HI-Q Analogue/Digital Conversion, dynamic range > 112 dB.
› 8 universal inputs (48V), 6 outputs - 4 Euroblocks bal., 2 RCA plugs
› 10 programmable logic inputs (GPI), 6 programmable logic outputs (GPO), 2 of which supported by relay.
› Configurable parametric EQs, gates, compressors, limiters, delays, priority levels, automatic gain control, levels, gains on in-out and cross points, auto-mixer operations, filters
› Each unit can work as dual-room combiner with independent auto-mixer facility for each room
› Configurable ALC (Automatic Level Control) facility by using Input8 to connect a noise detection microphone. The control is then assignable to any output or group of outputs
› USB connectivity for device configuration
› RDNet Networked Control

Part Number

17100004 MZ 8060	90-240 V	EAN 8024530014490

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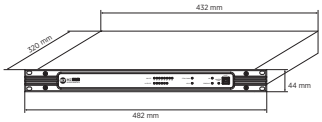

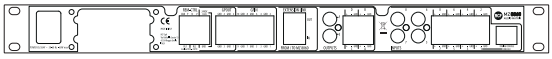

TECHNICAL SPECIFICATIONS

Audio performance	Frequency Response (-3dB)	20 Hz - 20 kHz
	Distortion (THD+N) @ 1 kHz nominal power	<0.01 %
	Dynamic range	>114 dB
Digital audio performance	Sampling rate	48
	A/D - D/A converters	24
Input section	Total number of inputs	9
	Balanced	9
	Mono	9
	Mic+Line inputs	8
	Mic+Line connectors	Euroblock, RCA
	Mic+Line Phantom	48 V DC
	Paging inputs	1
	Paging connectors	RJ45
	Paging command	Contact
Output section	Signal output number	6
	Signal output connectors	Euroblock, RCA
	General Purpose Outputs (GPO)	10
	Programmable GPO	Yes
Processing	DSP	Yes
	EQ Filters	Yes
	Compressors	Yes
	Automatic Gain Control (ACG)	Yes

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Controls	Configuration	PC Software
	Number of programs/presets	16
	Priority	Yes
	Protocols for system integration	ASCII
	RDNet	Ready
Protections	Cooling	Convection
	Fuses	Yes
Power requirement	Operating voltage	90-240 V~ 50/60Hz
	Power consumption	60 W
Standard compliance	Safety agency	CE compliant
Physical specifications	Cabinet/Case Material	Metal
	Rack mounting	19", 1U
Size / Weight	Height	44 mm / 1.73 inches
	Width	482 mm / 18.98 inches
	Depth	320 mm / 12.6 inches
	Weight	4.5 kg / 9.92 lbs