

# M-8080D

The M-8080D 8x8 Digital Matrix Mixer is dedicated music, paging, discussion and zone management solutions for Commercial Audio applications.

With DSP functions: EQ, Compressor, Ducker, Priority Setting, etc. M-8080D Line-up includes remote control panels, remote input, and output panel, paging microphone. Easy to use and implement. It can be mounted in an EIA Standard equipment rack (1 unit size)

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Article number:M-8080D-EB

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## Specifications

Power source	220 - 240 V AC, 50 / 60 Hz
Frequency response	20 Hz - 20 kHz ( $\pm 3$ dB)
Power consumption	40W
S/N ratio	105 dB (A weighted)
Indicator	LC-Display: Displays device information: name, firmware version, ID, communication status LEDs: Input: Analog Signal (Green)x8, Analog Peak(Red)x8, RD signal(Green)x4, RD Peak(Red)x4 Output: Analog Signal (Green)x8, Analog Peak(Red)x8, RD signal(Green)x4, RD Peak(Red)x4 Status: Fault(Red)x1, Comm(Green)x1, Power(Blue)x1
Crosstalk	79 dB
Inputs	AUDIO INPUT: 1-8: -48 to 0dBv, 6.8 k $\Omega$ , electronic balanced, removable terminal block (3 pins x8)
Outputs	AUDIO OUTPUT: 1-8: 0dBv, 1.8k $\Omega$ , Maximum output 20 dBu(7.75V), electronic balanced, removable terminal block (3 pins x 8)
Controls	CONTROL INPUT: GPI 1 - 2: no-voltage contact input, open voltage: 1.5V DC, short-circuit current: Under 3 mA, RJ45 Connector x 2 CONTROL OUTPUT: Relay 1 - 2: withstand voltage: 24V DC, control current: Under 500 mA, removable terminal block (4 pins) RD port: RD 9 - 12: transmits and receives AES3 digital audio plus control data. Connect remote devices such as M-822IO, M-800RC, M-802RC, M-800RCT and M-800RM, maximum cable length is 100 meters, RJ45 Connector x 2
LAN	100 MBit, DHCP
Signal processing	Equalizer / Filter Gate Compressor Ducker Feedback Compression (FBC) Auto Mixer Delay
Sampling frequency	48 kHz, 24 bit
Equalizer / Filter	5 band EQ (LPF and HPF) for IN and 8 band EQ (LPF and HPF) for OUT Parametric Equalizer: 19.7 - 20160 HZ, range: $\pm 18$ dB, Q: 0.4 - 128, Type: peak/low/high
Compressor	Threshold: -30 to +20 dB in 1 dB steps Attack: 10 - 150 ms Release: 10 ms - 1 s
Delay	0 - 1361.2916 ms
Matrix	8 x 8 12 x 12 (Expandable via optional equipment)
PC software	Included
Dimensions (W x H x D)	483 x 44,2 x 259 mm
Dimensions ( $\phi$ x D)	x 259 mm
Finish	Aluminium, Steel plate, surface-treated, paint, black,
Operating humidity	90 % or less (no condensation)
Operating temperature	0°C to + 40°C (32°F to 104°F)



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Appearance