

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)



Article number:M-8080D-EB

Specifications

Power source	220 - 240 V AC, 50 / 60 Hz
Frequency response	20 Hz - 20 kHz (± 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 Ω , electronic balanced, removable terminal block (3 pins x8)
Outputs	AUDIO OUTPUT: 1-8: 0dBv, 1.8k Ω , 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: ± 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 (ϕ 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