

MP-MUH88A2-H2

8x8 HDMI 2.0 Matrix with Audio Matrix / Downscaling / AOC Supported



- 8x8 HDMI 2.0 Matrix Switcher with 8 HDMI inputs and 8 HDMI outputs.
- Supports 4K@60Hz 4:4:4, HDR and HDCP 2.3.
- Audio Matrix with 8 digital SPDIF and 8 analog L/R audio outputs.
- Audio can be de-embedded from arbitrary HDMI input or output.
- 4K-to-1080p downscaling supported on outputs 5–8.
- HDMI outputs provide up to 5V/500mA for Active Optical Cable (AOC).
- Control via front panel, IR, RS232 and TCP/IP.
- Comprehensive EDID management and HDCP handling.

TECHNICAL SPECIFICATIONS

Video Input	(8) HDMI, Type-A female
HDMI Input Resolution	Up to 4K@60Hz 4:4:4, HDR
Video Output	(8) HDMI, Type-A female
HDMI Output Resolution	Up to 4K@60Hz 4:4:4, HDR10 and Dolby Vision
HDMI Version	Up to 2.0
HDCP Version	Up to 2.3
HDMI Audio	LPCM 7.1, Dolby Atmos®, Dolby TrueHD, Dolby Digital Plus, DTS:X™, DTS-HD Master Audio™ pass-through
Digital Audio Output	(8) SPDIF / Toslink
SPDIF Formats	PCM, Dolby Digital, DTS, DTS-HD
Analog Audio Output	(8) L/R audio / RCA
Analog Audio Format	PCM 2CH
Bandwidth	18Gbps
Transmission Distance	4K/60Hz/4:4:4: 5m; 4K/60Hz/4:2:0: 10m; 1080p: 15m

AUDIO / CONTROL / GENERAL

Digital Audio Performance	Frequency response: 20Hz–20kHz ±1dB; SNR >90dB; THD+N <0.05%
Analog Audio Performance	Frequency response: 20Hz–20kHz ±1dB; SNR >80dB; THD+N <0.05%
Control Ports	Firmware USB-A, IR Eye 3.5mm jack, RS232 3-pin terminal block, TCP/IP RJ45
Control Methods	Front panel, IR, RS232, TCP/IP
Operating Temperature	–5°C to +55°C
Storage Temperature	–25°C to +70°C

Relative Humidity	10%–90%
Power Supply	AC 100–240V, 50/60Hz input; 24V DC 2.71A output
Power Consumption	24W
Dimensions (W×H×D)	436.4 × 44 × 236 mm
Net Weight	3 kg

DOWNSCALING & PACKAGE

Downscaling: 4K input can be automatically downscaled to 1080p for display compatibility. Downscaling is available on HDMI outputs 5, 6, 7 and 8. Supported examples include 3840×2160 at 60/30/24Hz in 4:4:4 and 4:2:0, outputting 1080p at the corresponding refresh rate. 4:2:2 input is listed as not supported for downscaling.

Package: 1× MP-MUH88A2-H2; 6× screws; 1× RS232 cable; 1× IR remote; 1× user manual; 2× mounting ears; 4× plastic cushions; 1× IR receiver; 1× 24V DC 2.71A power adaptor.

Source: MP-MUH88A2-H2 User Manual, Version MP-MUH88A2-H2_2020V1.0. Specifications reproduced from the supplied manual.