

MP-MUH44A2-H2

4x4 HDMI 2.0 Matrix with Audio Matrix / Downscaling / AOC Supported



KEY FEATURES

- 4x4 HDMI 2.0 Matrix Switcher with 4 HDMI inputs and 4 HDMI outputs.
- Audio Matrix with de-embedded audio from arbitrary input or output.
- 4K-to-1080p downscaling on Output 3 and Output 4.
- Control via front panel, IR, RS232 and TCP/IP.
- Supports up to 4K@60Hz 4:4:4, HDR and HDCP 2.3.
- 4 digital SPDIF outputs and 4 analog L/R RCA audio outputs.
- HDMI outputs provide up to 5V/500mA for Active Optical Cable (AOC).

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Video Input	(4) HDMI; Type-A female HDMI
Video Input Resolution	Up to 4K@60Hz 4:4:4
Video Output	(4) HDMI; Type-A female HDMI
Video Output Resolution	Up to 4K@60Hz 4:4:4
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 and DTS-HD Master Audio pass-through
Digital Audio Output	(4) SPDIF / Toslink
SPDIF Audio Format	PCM, Dolby Digital, DTS, DTS-HD
Analog Audio Output	(4) analog L/R audio; RCA
Analog Audio Format	PCM 2CH
Frequency Response	20 Hz–20 kHz, ±1 dB
THD+N	< 0.05%
Digital Audio SNR	> 90 dB
Analog Audio SNR	> 80 dB
Control Ports	IR EYE, RS232, FIRMWARE USB-A, TCP/IP

PARAMETER	SPECIFICATION
Control Connectors	3.5 mm jack, 3-pin terminal block, USB-A, RJ45
Transmission Distance	4K/60Hz/4:4:4: 5 m; 4K/60Hz/4:2:0: 10 m; 1080p: 15 m
Bandwidth	18 Gbps
Operating Temperature	–5°C to +55°C
Storage Temperature	–25°C to +70°C
Relative Humidity	10%–90%
Power Supply	Input: AC 100–240V, 50/60Hz; Output: 24V DC 1.25A
Maximum Power Consumption	18.3 W
Dimensions (W×H×D)	436.4 × 44 × 236 mm
Net Weight	2.6 kg

Downscaling: Output 3 and Output 4 support 4K input downscaling to 1080p. Supported 4K input modes include 3840×2160 at 60/30/24Hz in 4:4:4 and 4:2:0. 4:2:2 input modes are not supported for downscaling.

Package Includes: MP-MUH44A2-H2, mounting ears with screws, plastic cushions, IR remote, IR receiver, RS232 cable, 24V DC 1.25A power adaptor and user manual.

Source: MP-MUH44A2-H2 User Manual, Version 2020V1.0. Specifications reproduced from the supplied manual.