

MP-FSC42M-H2

4x2 4K HDMI 2.0 Matrix Switcher



High-performance 4x2 HDMI 2.0 matrix switcher with four HDMI inputs and two HDMI outputs. Supports up to 18Gbps, 4K@60Hz 4:4:4 HDR, audio de-embedding, 4K-to-1080p downscaling, and control via front panel, RS-232, IR and Web-GUI.

KEY FEATURES

- 4 HDMI 2.0 inputs and 2 HDMI 2.0 outputs
- 18Gbps bandwidth; supports 4K@60Hz 4:4:4 with HDR
- Digital and analog audio de-embedding
- 4K downscaling to 1080p
- Front panel, RS-232, IR and Web-GUI control

TECHNICAL SPECIFICATIONS

Parameter	Specification
Video Input	4 × HDMI 2.0, up to 3840×2160@60Hz 4:4:4
Video Output	2 × HDMI 2.0, up to 3840×2160@60Hz 4:4:4
Audio Input	4 × HDMI
Digital Audio Output	1 × SPDIF (Toslink)
Analog Audio Output	1 × 5-pin terminal connector, balanced stereo L/R
Frequency Response	20 Hz – 20 kHz, ±1 dB
Max Output Level	2 ± 0.1 Vrms
THD+N	< 0.05%, 20 Hz – 20 kHz
SNR	> 80 dB
Crosstalk Isolation	< -80 dB
Stereo Channel Separation	> 80 dB
IR	1 × 3.5 mm jack
RS-232	1 × 3-pin serial port
TCP/IP	1 × RJ-45 port
Power	DC 12V / 1A
Power Consumption	4.8 W
Operating Temperature	-10°C to +55°C
Storage Temperature	-25°C to +70°C
Relative Humidity	10% – 90%
Dimensions (W × H × D)	260 × 44 × 115 mm
Net Weight	800 g

CONTROL & OTHER INFORMATION

Control Methods	Front panel buttons, IR, RS-232 and Web-GUI
Network	DHCP and Static IP supported
CEC	Source/display control supported when CEC is supported by connected devices
Fast Switching	Approx. 2–4 seconds
Package	Matrix switcher, remote controller, RS-232 cable, 5-pin Phoenix, power adapter, rubber feet, mounting ears with screws, user manual

Source: MP-FSC42M-H2 User Manual, Version MP-FSC42M-H2_2025V1.0. Specifications are based on the supplied manual and may be subject to change.