

MP-FSC88M-H2

8×8 18Gb Fast Matrix Switcher



PRODUCT OVERVIEW

The MP-FSC88M-H2 is a professional 8×8 18Gbps Fast Matrix Switcher with 8 HDMI 2.0 inputs and 8 HDMI 2.0 outputs. Each output supports 4K-to-1080p downscaling. It also provides 8 SPDIF and 8 analog audio outputs for audio matrixing, comprehensive EDID management, HDCP handling, and control via front-panel buttons, IR, RS-232 and TCP/IP Web-GUI.

KEY FEATURES

- 8×8 fast matrix switching with switching time up to 2–4 seconds.
- Supports manual and auto switching.
- 18Gbps video bandwidth; up to 4K@60Hz 4:4:4.
- Supports 4K@30 Dolby Vision.
- Audio de-embedding for all outputs; audio output volume adjustable.
- 4K-to-1080p downscaling for Output 1–8.
- CEC control for source and link.
- Built-in EDID, EDID learning and custom EDID.
- Control via buttons, IR, RS-232 and TCP/IP Web-GUI.

VIDEO & AUDIO SPECIFICATIONS

Video Input	8 × HDMI Type A
Input HDMI Version	HDMI 2.0
Input Resolution	Up to 4K@60Hz 4:4:4
Input Audio	LPCM 7.1; Dolby Atmos®, Dolby® TrueHD, Dolby Digital® Plus, DTS:X™, DTS-HD® Master Audio™ pass-through
Input HDCP	HDCP 2.2 and backward compatibility
Video Output	8 × HDMI Type A
Output HDMI Version	HDMI 2.0
Output Resolution	Up to 4K@60Hz 4:4:4
Output Audio	LPCM 7.1; Dolby Atmos®, Dolby® TrueHD, Dolby Digital® Plus, DTS:X™, DTS-HD® Master Audio™ pass-through
Output HDCP	HDCP 2.2 and backward compatibility
Downscaling	Output 1–8

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Technical Specifications & Connectivity

AUDIO PERFORMANCE

Analog Audio Frequency Response	20Hz–20kHz
Analog Audio THD+N	<0.05%
Analog Audio SNR	>80dB
Analog Audio Crosstalk	<-80dB
Digital Audio Frequency Response	20Hz–20kHz
Digital Audio THD+N	<0.05%
Digital Audio SNR	>90dB
Digital Audio Crosstalk	<-70dB

CONTROL & CONNECTIVITY

RS-232	Via RS-232 commands; 3-pin terminal block
IR EYE	Via external/third-party IR receiver
IR IN	Via remote control
Web-GUI	TCP/IP via RJ45 network port
Front Panel	Input/output selection, Enter, Lock, All, Clear and Preset Recall
Firmware	USB-C port for firmware updating
Audio Matrix Outputs	8 × SPDIF + 8 × 5-pin Phoenix analog audio outputs

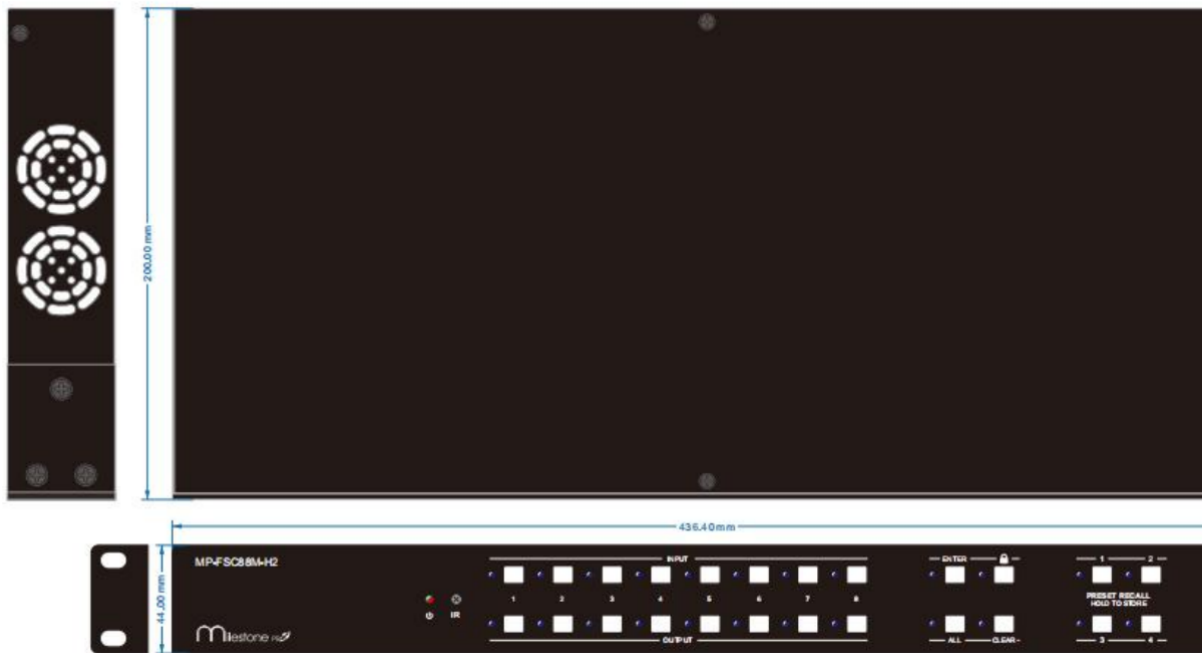
GENERAL

Power Supply	DC 24V / 1.5A
Operating Temperature	–5°C to +55°C
Storage Temperature	–20°C to +70°C
Relative Humidity	0%–80%
Standby Power Consumption	1.67W
Dimensions (W × H × D)	436.4mm × 44mm × 160mm
Net Weight	2.315kg

PACKAGE CONTENTS

• 1 × MP-FSC88M-H2	• 2 × Mounting ears with 6 screws
• 4 × Round silver stamping machine feet	• 1 × IR remote
• 1 × IR receiver	• 1 × RS-232 cable (3-pin to DB9)
• 8 × 5-pin Phoenix	• 1 × DC 24V / 1.5A power adaptor
• 1 × User manual	

PRODUCT PANEL / DIMENSION REFERENCE



Source: MP-FSC88M-H2 User Manual, version 2026 V1.0. Specifications and product information above are transcribed from the supplied manual; the manual notes that specifications may be subject to change without notice.