

MP-FSC44M-H2

4×4 Fast Switch Matrix Switcher



The MP-FSC44M-H2 is a 4×4 HDMI matrix switcher supporting video signals up to 4K@60Hz 4:4:4 with 18Gbps bandwidth. It provides audio de-embedding and automatic downscaling on Output 1 and Output 2, with front-panel, IR, RS-232 and TCP/IP/Web-GUI control.

KEY FEATURES

- 4×4 fast matrix switching with switching time of approximately 2–4 seconds.
- HDMI 2.0 video up to 18Gbps, 4K@60Hz 4:4:4.
- Audio de-embedding for all outputs.
- Automatic downscaling supported on Output 1 and Output 2.
- CEC control for source and sink devices.
- Built-in EDID, EDID learning and custom EDID.
- Control via front-panel buttons, IR, RS-232 and TCP/IP/Web-GUI.

VIDEO & AUDIO SPECIFICATIONS

Video Input	4 × HDMI Type A
Input 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™
Input HDCP	HDCP 2.2 and backward compatibility
Video Output	4 × HDMI Type A
Output 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™
Output HDCP	HDCP 2.2 and backward compatibility
Downscaling	Output 1 and Output 2

AUDIO PERFORMANCE

Analog Frequency Response	20Hz–20kHz
Analog THD+N	<0.05%

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

CONTROL & GENERAL

RS-232	Via RS-232 commands
IR EYE	Via third-party device
IR IN	Via remote control
Web-GUI	Via TCP/IP
Front Panel	Via front-panel buttons
Power Supply	24V 1.25A
Operating Temperature	−5°C to +55°C
Storage Temperature	−20°C to +70°C
Relative Humidity	0% to 80%
Standby Power Consumption	1.2W
Dimensions (W×H×D)	436.4 × 44 × 160 mm
Net Weight	1.76 kg

PACKAGE CONTENTS

1 × MP-FSC44M-H2 • 1 × RS-232 Cable • 1 × IR Receiver • 1 × Remote Control • 1 × Power Adapter (24V 1.25A) • 2 × Mounting Ears + 6 × Screws • 4 × Rubber Feet • 4 × 5-pin Phoenix Male Connectors • 1 × User Manual

Specifications are based on the supplied MP-FSC44M-H2 User Manual, Version MP-FSC44M-H2_2025V1.0.