

MP-SUHD41-8K

8K Combo Switcher 4x1 w/ GUI Control

8K



8K@60Hz
4:4:4 / Dolby Vision / HDR

40 Gbps
High-bandwidth HDMI 2.1

4x1
2 HDMI + 2 USB-C inputs

100W PD
USB-C charging

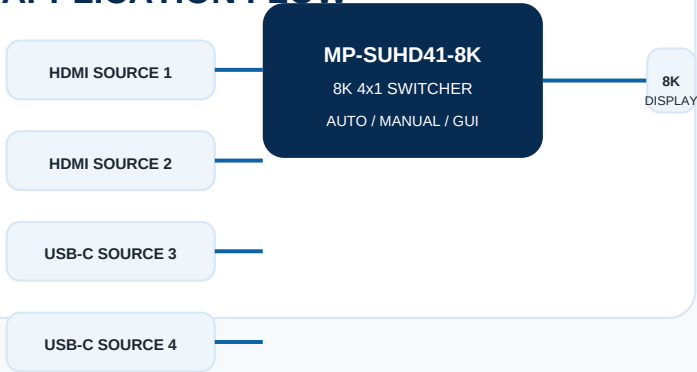
eARC
Audio return channel

GUI / RS232
IR + TCP/IP control

KEY FEATURES

- 4-way 8K switcher with 2 HDMI and 2 USB-C inputs
- Up to 8K@60Hz 4:4:4 with HDMI input and DSC
- eARC and audio de-embedding support
- Advanced EDID and HDCP management
- Control by front buttons, GUI, RS232 and IR
- USB-C supports up to 100W PD charging
- Firmware upgrade via USB-C

APPLICATION FLOW



SPECIFICATION SNAPSHOT

Video Input	(2) HDMI, (2) USB-C
HDMI Standard	2.1
HDCP	2.3
Video Output	(1) HDMI
Bandwidth	40Gbps
Audio Output	SPDIF, L/R, eARC

Power	12V DC 2A
Power Consumption	3.9W max
Dimensions	230 x 21 x 91.65 mm
Operating Temp.	-5 to +55°C
Storage Temp.	-25 to +70°C
Humidity	0–85%, non-condensing

Video Input	Input	(2) HDMI, (2) USB-C
	HDMI Standard	2.1
	HDCP Version	2.3
Video Output	Output	(1) HDMI
	HDMI Output Resolution	Up to 8K@60Hz 4:4:4, Dolby Vision, HDR+ (HDMI input with DSC)
	USB-C Input Resolution	Up to 8K@30Hz 4:2:2, Dolby Vision, HDR+
	HDMI Standard	2.1
	HDCP Version	2.3
Audio	Output	(1) Digital SPDIF audio; (1) L/R audio; eARC
	HDMI & SPDIF Format	LPCM 7.1ch; Dolby Digital Plus; Dolby Atmos 5.1.2ch; Atmos DTHD; Atmos DD+
	L/R Output Format	LPCM 7.1ch
	eARC Output Format	PCM
	Frequency Response	20Hz to 20kHz, ±3dB
Control	Control	(1) IR EYE; (1) RS232; (1) TCP/IP
	Control Connector	(1) 3.5mm mini jack; (1) 3-pin terminal block; (1) RJ45
General	Bandwidth	40Gbps (Max 8K60Hz 4:4:4 DSC)
	Operating Temperature	-5 to +55°C (+23° to +131°F)
	Storage Temperature	-25 to +70°C (-13° to +158°F)
	Relative Humidity	0% to 85%, non-condensing
	Power Supply	12V DC 2A
	Power Consumption	3.9W (Max)
	Dimension (W×H×D)	230mm × 21mm × 91.65mm

SYSTEM LINE DIAGRAM

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graph LR; H1[HDMI 1] --> S[MP-SUHD41-8K 8K 4x1 SWITCHER]; H2[HDMI 2] --> S; U3[USB-C 3] --> S; U4[USB-C 4] --> S; S --> H8K[8K HDMI]; S --> SA[SPDIF / L/R AUDIO]; S --> eARC[eARC]; S --> RS232[RS232 / TCP-IP CONTROL];
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PACKAGE CONTENTS

- 1x 8K 4x1 Switcher
- 4x Plastic Cushions
- 1x Power Adapter (12VDC 2A)
- 1x 3-Pin Terminal Block
- 1x User Manual
- 2x Mounting Ears & 2x Screws
- 1x Remote Controller (battery excluded)