

MP-SUH4KVM-3.0S

HDMI 2.0 4x1 Switcher with KVM USB3.0



PRODUCT OVERVIEW

Professional HDMI 2.0 4x1 switcher with KVM functionality. Provides four HDMI video inputs and one HDMI output, supporting up to 4Kx2K@60Hz 4:4:4 with HDR10 and Dolby Vision. It also provides stereo audio de-embedding and USB 3.0 peripheral sharing, allowing four HDMI computers to be controlled via one keyboard, one mouse and one monitor.

KEY FEATURES

- 4x1 HDMI 2.0 switcher with KVM
- HDCP 2.2 compliant
- 3.5mm stereo audio output for audio de-embedding
- Controls four HDMI computers via one keyboard, one mouse and one monitor
- Control via buttons, RS232 commands and MP-SUH4KVM-3.0GR table grommets
- Up to 4Kx2K@60Hz 4:4:4; HDR10 and Dolby Vision
- Compatible with Windows, Linux and Mac OS
- USB 3.0 peripheral sharing
- KVM auto-switching based on TMDS/5V detection
- Simplifies wiring for easy installation

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Video Input	4 × Female Type-A HDMI (SOURCE 1–4)
HDMI Input Resolution	Up to 4Kx2K@60Hz 4:4:4, HDR10, Dolby Vision
HDMI Standard	2.0
HDCP Version	2.2
Video Output	1 × Female Type-A HDMI (DISPLAY)
HDMI Output Resolution	Up to 4Kx2K@60Hz 4:4:4, HDR10, Dolby Vision
Audio Output	1 × 3.5mm mini stereo audio jack
Audio Format	PCM 2CH
Frequency Response	20Hz–20KHz, ±1dB

PARAMETER	SPECIFICATION
Max Output Level	2.0Vrms ± 0.5dB
THD+N	< 0.05%, 20Hz–20KHz bandwidth, 1KHz sine at 0dBFS
SNR	> 80dB, 20Hz–20KHz bandwidth
Crosstalk Isolation	< -80dB
L-R Level Deviation	< 0.05dB
Output Load Capability	1Kohm and higher
Noise Level	-80dB
Bandwidth	18Gbps
Operating Temperature	-10°C to +55°C
Storage Temperature	-25°C to +70°C
Relative Humidity	10%–90%
Type-A USB Power Supply	1A
System Power Supply	Input: 100V–240V AC; Output: 12V DC, 2A
System Power Consumption	14W (Max.)
Dimensions (W×H×D)	200 × 40 × 100mm
Net Weight	685g

CONTROL & CONNECTIVITY

ITEM	DETAIL
Control Ports	1 × Micro-USB (FW); 4 × Type-B USB (PC1–PC4); 3 × Type-A USB (DEVICES 1–3); 4 × GR; 1 × RS232
USB Devices	Keyboard, mouse, camera, etc.; Type-A USB ports provide 1A
Switching	Manual or auto switching; HDMI input detection by 5V or TMDS
RS232 Parameters	9600 / 19200 / 38400 / 57600 / 115200 baud; 8 data bits; 1 stop bit; no parity

PACKAGE CONTENTS

1 × MP-SUH4KVM-3.0 switcher • 2 × mounting ears with 4 screws • 4 × plastic cushions • 4 × 3-pin terminal blocks • 1 × RS232 cable (3-pin to DB9) • 1 × 12VDC, 2A power adapter • 1 × user manual

TABLE GROMMET — MP-SUH4KVM-3.0GR

HDMI input/output, Type-B USB, Type-A USB and 3-pin terminal block. Supports up to 4Kx2K@60Hz 4:4:4, HDR10 and Dolby Vision. Dimensions: 76 × 29.6 × 76mm; net weight: 105g.