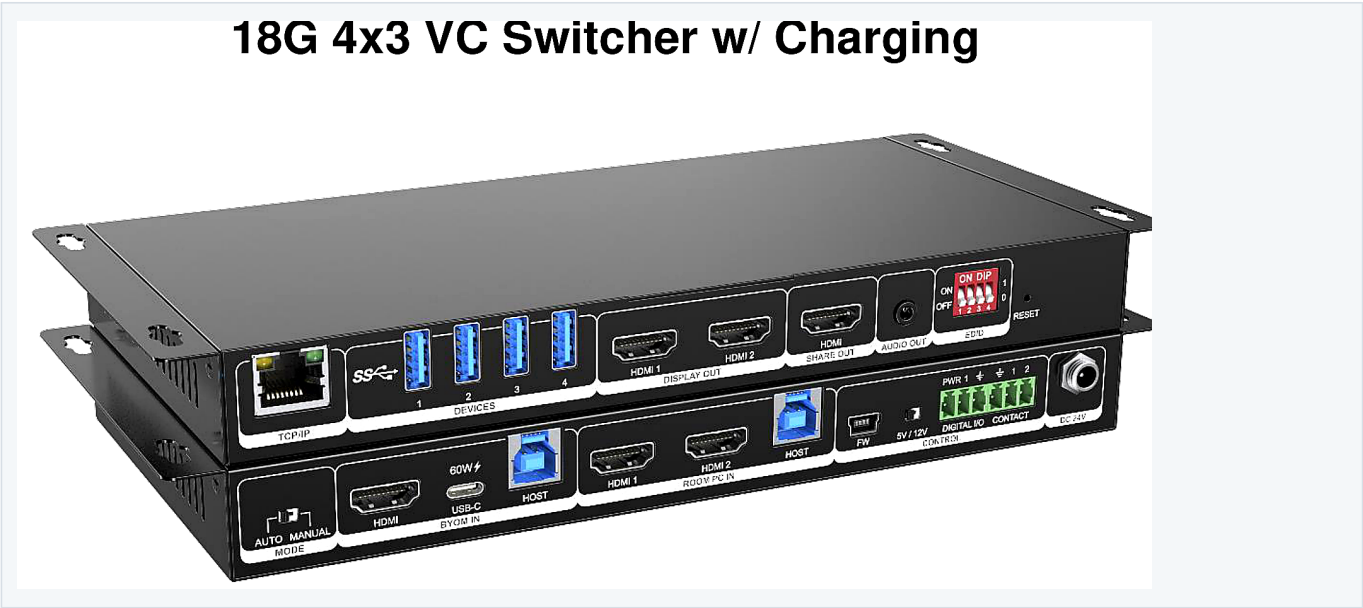


MP-SUH43-KVM

18G 4x3 VC Switcher w/ Charging

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PRODUCT OVERVIEW

The MP-SUH43-KVM is an HDMI 2.0 web-conferencing room switcher designed for meeting rooms and presentation spaces. It provides BYOM (Bring Your Own Meeting) and Standard modes with three HDMI inputs, one USB-C input, and three HDMI outputs. The USB-C input supports video, USB data and power charging up to 60W. A built-in USB 3.0 switching hub supports USB devices such as cameras and microphones.

KEY FEATURES

- HDMI 2.0 and HDCP 2.2 compliant.
- Video resolution up to 4K@60Hz 4:4:4, 8-bit deep color.
- Auto switching between BYOM and Standard modes.
- USB-C input with power charging up to 60W.
- Audio de-embedding through a dedicated 3.5mm audio output.
- USB 3.0 switching hub with 4 USB device ports.
- EDID management and occupancy sensor integration.
- CEC control, built-in scheduler and volume control support.
- Control via TCP/IP, Digital I/O, contact and front panel.

VIDEO & CONNECTIVITY

Specification	Details
Video Input	(3) HDMI, (1) USB-C
Video Input Connectors	(3) Type-A female HDMI, (1) USB-C
Video Input Resolution	Up to 4K@60Hz 4:4:4, HDR
Video Output	(3) HDMI
Video Output Connectors	(3) Type-A female HDMI
Video Output Resolution	HDMI: Up to 4K@60Hz 4:4:4, HDR

Specification	Details
Bandwidth	18Gbps
HDMI Version	Up to 2.0
HDCP Version	Up to 2.2

TECHNICAL SPECIFICATIONS

AUDIO

Specification	Details
Audio Output	(1) AUDIO OUT
Audio Connector	(1) 3.5mm Jack
Frequency Response	20Hz to 20kHz, $\pm 3\text{dB}$
Max Output Level	$2.2 \pm 0.1\text{V}_{\text{rms}}$
THD+N	$< 0.1\%$, 20Hz to 20kHz bandwidth, 1kHz sine at 0dBFS level (or max level)
SNR	$> 80\text{dB}$, 20Hz to 20kHz bandwidth
Crosstalk Isolation	$< -70\text{dB}$, 10kHz sine at 0dBFS level
L-R Level Deviation	$< 0.3\text{dB}$, 1kHz sine at 0dBFS level (or max level before clipping)
Output Load Capability	1k Ω and higher; supports 10x paralleled 10K Ω loads
Noise Level	-75dB

CONTROL & MANAGEMENT

Specification	Details
Control Ports	(1) TCP/IP, (1) FIRMWARE, (1) Digital I/O, (1) Contact, (2) USB Host, (4) USB Device
Control Connectors	(1) RJ45, (1) Mini-USB, (2) 3-pin terminal blocks, (2) Type-B USB, (4) Type-B USB
Network / GUI	TCP/IP control via Web GUI; default IP 192.168.0.178
Firmware Upgrade	Via Web GUI or FW port

GENERAL

Specification	Details
Operating Temperature	-5 to +55°C (+23° to +131°F)
Storage Temperature	-25 to +70°C (-13° to +158°F)
Relative Humidity	10% to 90%, non-condensing
External Power Supply	24V DC 5A
Power Consumption	70W (Max)
Dimensions (W × H × D)	220mm × 25mm × 110mm
Net Weight	0.55KG

PACKAGE CONTENTS

- 1 × MP-SUH43-KVM
- 4 × Mounting Ear Screws
- 4 × Plastic Cushions
- 1 × RS232 Cable (USB-A to Mini-USB)
- 1 × Power Adaptor (24V DC 5A)
- 1 × User Manual

Product image enlarged and sharpened from the product image supplied in the manual; no product details were added or reconstructed.