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4845094

HDMI KVM Switch 1:4

HDMI KVM Switch 4 x1 4K@60Hz
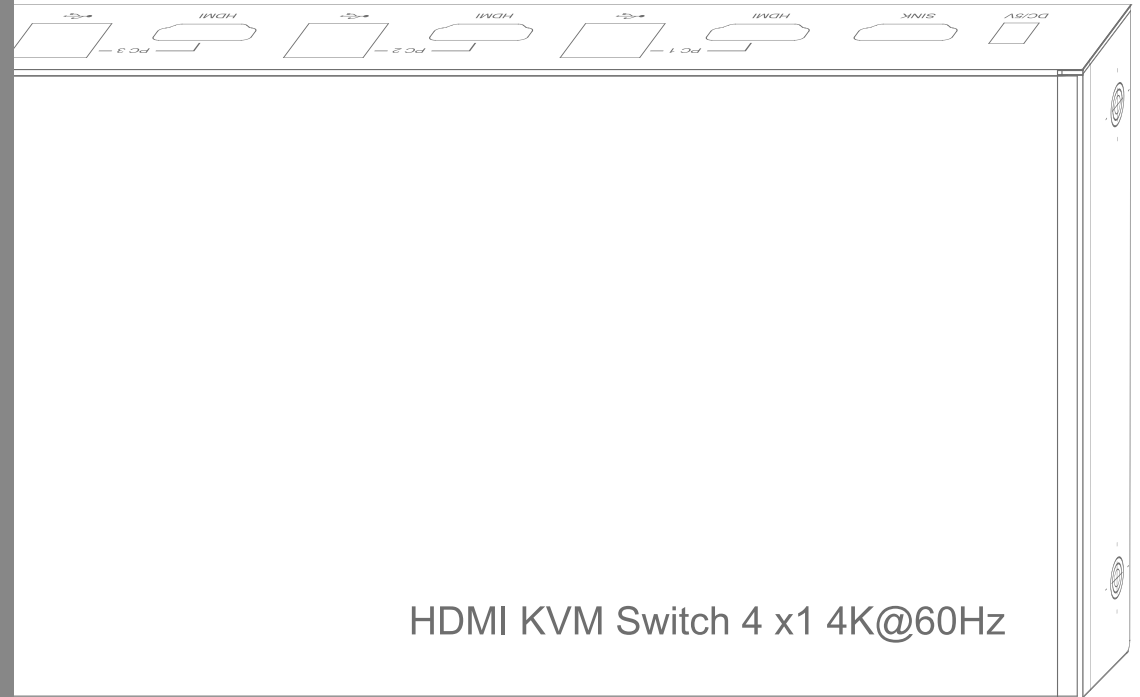
Please read these instructions
carefully before using the product
and store them properly.

24_09_4845094_KVM-Switch_Leaflet

A. ARTICONA

Introduction

The HDMI™ 4x1 4K switcher 4K@60Hz 4:4:4 let a display or projector with four HDMI™-enabled video sources. The switch features four independent HDMI™ and USB 3.0 B inputs that each HDMI™ support 4K resolution and 7.1 surround sound audio and two USB 3.0 A ports to connect USB3.0 supported devices. It features two USB-A port for Keyboard, mouse, three USB 3.0 A ports and mic in and audio out function, which makes the customers share a pair of Keyboard, mouse and other USB device between four USB/HDMI™ PCs and devices. You'll be amazed at how this video switch maintains Ultra HD picture quality. 4K is supported by the latest A/V devices and delivers four times the resolution of 1080p. Plus, because the switch is backward compatible with high-definition 1080p, you can rest assured any video source will look great in your digital signage application. Enjoy hassle-free operation with two switching modes: Manual port switching via front panel button or hotkey switching via the keyboard.
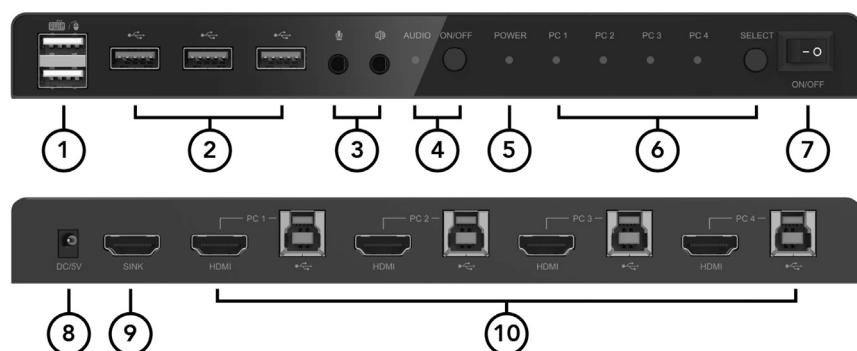
Features

- Support two USB-A ports for USB keyboard, mouse and three USB 3.0 A ports for other USB devices up to 5Gbps.
- Support mic in and stereo audio out function with an on/off button control and LED indicator
- Support manual switching: front panel button or hotkey switching via the keyboard
- Support full 3D video format
- Support high resolution up to 4K@60Hz YUV 4:4:4
- Support HDCP 2.2 and HDCP 1.4
- Support High Dynamic Range (HDR) video
- Support Consumer Electronics Control
- Support highest data transfer rate up to 6.0Gbps per channel (18Gbps all channels)
- TMDS clock can be up to 600MHz
- Support 12bit per channel (36bit all channels) deep color
- Support uncompressed audio such as LPCM
- Support compressed audio such as DTS, Dolby Digital (including DTS-HD Master Audio™ and Dolby TrueHD)

Specification

Input Ports	HDMI × 4, USB × 4, MIC × 1
Output Ports	HDMI × 1, Keyboard × 1, Mouse × 1, USB 3.0 A × 3, Audio × 1
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	6.0Gbps/600MHz per channel (18Gbps all channels)
Interlaced (50&60Hz)	480i, 576i, 1080i
Progressive (50&60Hz)	480p, 576p, 720p, 1080p, 4K @24/25/30/50/60Hz
Operating Temperature	0°C to 50°C
Storage Humidity	5% to 80% RH non-condensation
Power Supply	DC 5V 3A
Power Consumption (Max)	15W
Dimension(L×W × H)	231×108×23mm
Net Weight	495 g
Material	Metal

Note: Specifications are subject to change without notice.

Ports and Interfaces

1. MOUSE: Connect to the mouse device port
   KEYBOARD: Connect to the keyboard device port
2. USB3.0:   Connect to the USB3.0 supported devices to the three ports, such as USB3.0 U-disk or SSD
3. MIC: Mic audio in port
   AUDIO: Stereo audio out port
4. AUDIO and ON/OFF:
                     Turn on/off the audio function button and indicator

5. POWER: POWER Indicator
6. SELECT and PC1–4:
                     SELECT Button and PC1–4 port indicator
7. ON/OFF: Power On/off Switch
8. DC/5V: DC 5V IN port
9. SINK: HDMI Output Port to connect the displays
10. HDMI and USB 3.0 B Port of PC1–4:
                     HDMI in and USB 3.0 B Port of PC1–4 to connect the PC in

Connection Diagram
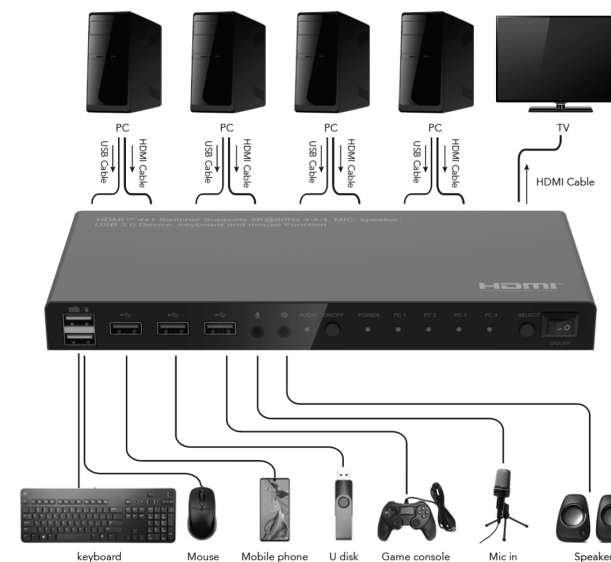
Hotkey Switching Command

Follow the hotkey command list below for selected operating functions:

Command	Function
Right CTRL + Right CTRL + n, n=1,2,3,4	switch to the PC1-4 input
Right CTRL + Right CTRL + s	Turn on/off automatic scanning, 10 seconds for default scanning
Right CTRL + Right CTRL + b	Switch on/off the buzzer
Right CTRL + Right CTRL + t	Switch on/off the automatic detection function
Right CTRL + Right CTRL + r	Reboot the device and reset the input port
Right CTRL + Right CTRL + s + n	Setting the automatic scanning time from 8 to 999 seconds
Right CTRL + Right CTRL + Scroll lock	Switch Scroll lock to hotkey, Scroll lock + Scroll lock + Right CTRL + Enter, change the hotkey from Scroll lock to Right CTRL(default)
Right CTRL + Right CTRL + Num lock	switch Num to hotkey, Num lock + Num lock + Right CTRL + Enter, change the hotkey from Num lock to Right CTRL(default)
Right CTRL + Right CTRL + → or ↓	Switch to next input port
Right CTRL + Right CTRL + ← or ↑	Switch to previous input port
Right CTRL + Right CTRL + ESC	Reset to the factory default settings

Troubleshooting

Problems	Causes	Solutions
Power light is off and product is not working	Is the power adapter properly connected and the HDMI input source is on	Please check if the power adapter is connected properly and switch on the HDMI input source
Screen splash	HDMI cable may not be HDMI 2.0 specification or the cable is too long	Please use the standard HDMI 2.0 cable, the input/output cable length does not exceed 4M 4K/60Hz 4:4:4, 4K@30Hz/1080p can reach 10M to 10M
The USB3.0 port connect U-disk working and External hard disk can`t working properly	Maybe the External hard disk power consumption is higher than the 2.5W (5 V 500mA)	Please use a lower power consumption device than 2.5W to connect the device port to working normally

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