

2 Ports 2/3/4 Monitor HDMI2.0 KVM Switch With USB 3.0, Audio

Quick Installation Guide Ver. 1.0

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INTRODUCTION:

The HM-KVM2-2 /HM-KVM2-3 /HM-KVM2-4, 2 Ports HDMI2.0 2/3/4 Monitor DisplayPort KVM Switch With USB 3.0, Audio , allows users to share one set of keyboard, mouse, monitor, and audio between two computers, and supports resolutions up to 4K 60Hz (4:4:4). Independent 3.5mm stereo analog audio and USB 3.2 Gen 1 ports provide excellent I/O speed to meet most requirements. For your convenience, there is also a buzzer sound effect for operation confirmation.

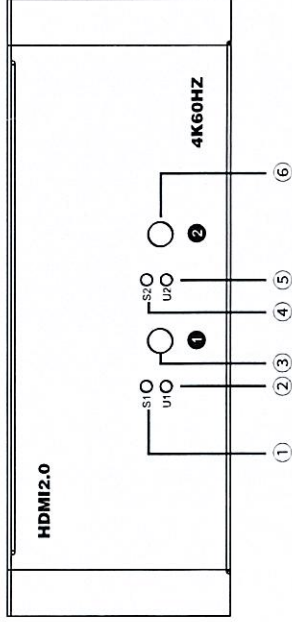
HM-KVM2-2/HM-KVM 2-3/HM-KVM2-4 supports not only the mainstream but also the latest PC graphics cards for multiple monitor setups to extend your desktop and expand the work area across displays, which help enhance productivity and is ideal for content creators, graphic designers, CAD and CAM designers, and users in educational and financial institutions to work efficiently.

FEATURES:

- HDMI2.0 and HDCP 2.2 Compliance.
- Resolution up to 4K60Hz 4:4:4.
- 2 computers / laptops share one set of keyboard, mouse and 2 monitors,one audio, microphone.
- 2/3/4 monitors output support up to 4K@60Hz for extended, mirrored or spliced display.
- Support wired or wireless keyboard and mouse.
- Cross support most major OS including Windows, Linux, Mac.
- USB 3.2 Gen 1 Provides Excellent 5Gbps Speed.
- Supports Hotkey switching, manual button switching.
- With the computer graphics card, it can support three display modes: extended display, mirror display and splicing display.
- Plug-and-Play without Software or Driver.

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FEATURES OF THE INTERFACE:



The front panel is shown in Figure 1

No.	Description	Introduction
1.	INPUT1 indicator	Status light indicating IN-HDMI1 switching selection
2.	IN-USB3.0-1 indicator	Status light indicating IN1-USB3.0 switching selection
3.	INPUT1 selector switch	Click to select INPUT1 signal source
4.	IN-USB3.0-2 indicator	Status light indicating IN2-USB3.0 switching selection
5.	INPUT2 indicator	Status light indicating IN-HDMI2 switching selection
6.	INPUT2 selector switch	Click to select INPUT2 signal source

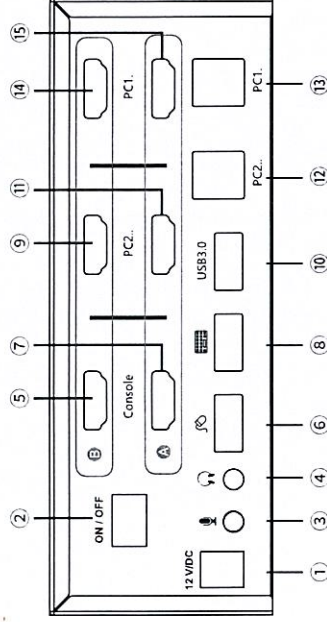


Figure 2 shows the rear panel of HM-KVM2-2

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No.	Description	Introduction
1.	Power input	Plug in DC-12V2A power adapter
2.	power switch	Machine power switch
3.	Microphone input	Insert microphone
4.	Audio output	Inserting audio equipment
5.	HDMI-B display output	Inserting an HDMI display device
6.	Mouse input	Insert computer mouse
7.	HDMI-A display output	Inserting an HDMI display device
8.	keyboard entry	Inserting a computer keyboard
9.	B-IN OPUT2	Plug in PC/PS5/with HDMI output connector
10.	USB 3.0 device	Insert USB devices such as USB disk/printer/hard disk box
11.	A-IN OPUT2 input	Plug in PC/PS5/with HDMI output device
12.	IN2-USB3.0 input	Plug in the computer/PS5/with USB3.0 output interface
13.	IN1-USB3.0 input	Plug in the computer/PS5/with USB3.0 output interface
14.	A-IN OPUT2 input	Plug in PC/PS5/with HDMI output device
15.	B-IN OPUT2 input	Plug in PC/PS5/with HDMI output device

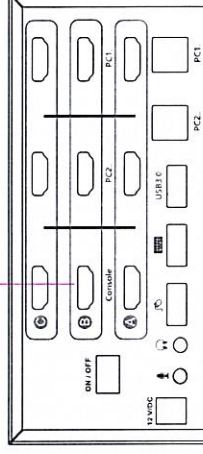


Figure 2 shows the rear panel of HM-KVM2-3

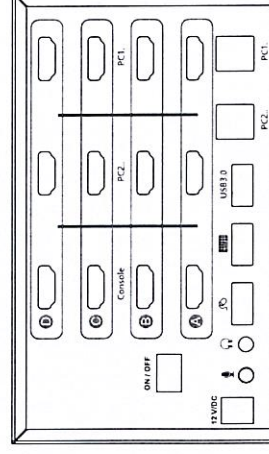
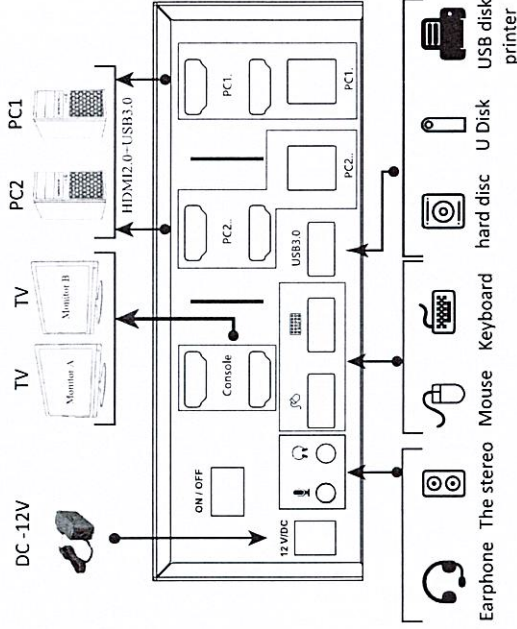


Figure 2 shows the rear panel of HM-KVM2-4

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CONNECTION AND OPERATION:



IMPORTANT TIPS :

How to Get Dual Monitor Display:

1. Each computer/laptop needs 2 videos connected to the corresponding IN A and IN B ports on the KVM switch.
2. Reliable adapters are needed but not included for DVI, VGA, DisplayPort (DP), USB Type C video outputs. Please be aware of the adapters needed for your setup before order.

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KEYBOARD HOTKEY TOGGLE:

1. HOME+HOME+1/2 switch to 1/2 port
2. HOME+HOME+B buzzer switch
3. HOME+HOME+S automatic transfer switch
4. HOME+HOME+H+number 8-999+Enter to set the automatic switching time interval
5. HOME+HOME+←/1 Switch to the previous port
6. HOME+HOME+→/2 Switch to the next port

3. Avoid using adapters on both monitor and computer side for a same video flow.
4. The dual monitor displays are from a same input source selected, it does not support computer 1 on monitor A , computer 2 on monitor B .

HOW TO GET KEYBOARD AND MOUSE WORK :

1. Make sure cable A is correctly connected, the end with USB, HDMI must be plugged into computer, the other end with only HDMI must be plugged into IN A port (not IN B port).
2. Recommend to plug Bluetooth adapter of wireless keyboard and mouse into rear USB keyboard port.
3. If special keyboard and mouse like gaming and mechanical types do not work well from rear USB ports, use front USB port or turn off the hotkey and use the wired remoter instead.

WARM TIPS:

1. Best practice is to power off everything before installation and after daily use. If in case no display after first set-up, power cycle the KVM switch.
2. To avoid damages on ports and ensure durable use, please be careful when you plug and unplug the cables on the KVM switch.

Multiple Display Modes

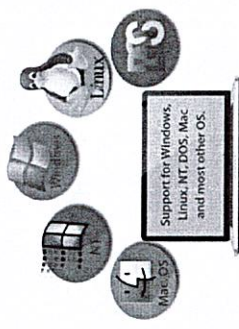
Extended



Mirrored



Splicing Wall



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SPECIFICATIONS:

Connectio		Product model	
KVM control terminal	keyboard	HM--KVM2-2	HM--KVM2-3
	mouse	1XUSB-A female	1XUSB-A female
	USB	1XUSB-A female	1XUSB-A female
	HDMI output	1XUSB3.0-A female	1XUSB3.0-A female
KVM input terminal	audio frequency	2XHDMI2.0	3XHDMI2.0
	Microphone	1X black 3.5MM headphone jack female	1X black 3.5MM headphone jack female
Power Supply	HDMI input interface	4XHDMI2.0 female	6XHDMI2.0 female
	USB input interface	2XUSB3.0-B female	1XDC12V2A
LED	switch	1X button power switch	2X change-over switch
	LED	4	
Video resolution		3840x2150@60Hz(4.4.4)	

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