

ROLINE KVM Switch, 4 PCs, HDMI 4K@60Hz, with 3 Ports USB 3.2 Gen1 / USB 3.0 Hub

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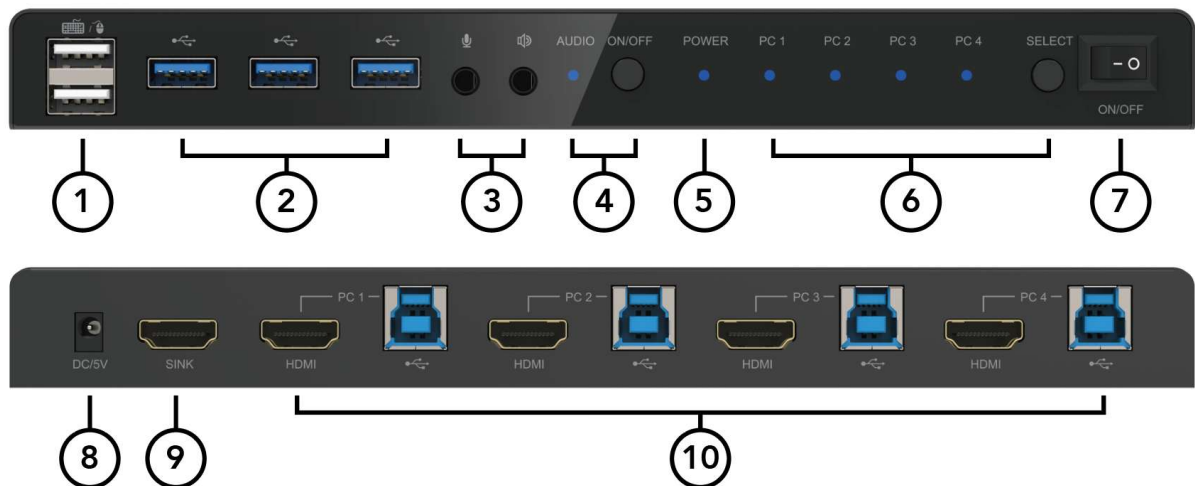
Quick Start Guide



Contents of delivery

Switch x1
Power Adapter x1

Ports and Interfaces



1. MOUSE: Connect to the mouse device port
KEYBOARD: Connect to the keyboard device port
2. USB 3.0: Connect to the USB 3.0 supported devices, such as USB3.0 USB-Sticks 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 PC 1-4: Select button and PC 1-4 port indicators
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 Ports of PC 1-4: HDMI in and USB 3.0 B ports of PC 1-4 to connect the PCs

Connection Diagram



Hotkey Switching Commands

Command	Function
Right CTRL + Right CTRL + n, n=1,2,3,4	Switch to the PC 1-4 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

Introduction

This ROLINE KVM Switch for 4 PCs, HDMI 4K@ 60Hz, with 3 USB 3.2 Gen1 / USB 3.0 Port Hub has four independent HDMI and USB 3.0 B inputs, each of which supports HDMI 4K resolution and 7.1 surround sound audio, as well as two USB 3.0 A ports for connecting USB 3.0-enabled devices. It features two USB-A ports for keyboard and mouse, three USB 3.0 A ports, and a microphone and audio output function, allowing customers to share a keyboard, mouse, and other USB devices between four USB/HDMI PCs and devices. 4K is supported by the latest A/V equipment and delivers four times the resolution of 1080p. Since the switch is backwards compatible with high-definition 1080p, you can also be sure that every video source in your digital signage application will look great. Enjoy smooth operation with two switching modes: manual port switching via the front panel button or hotkey switching via the keyboard.

Features

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

Specification

Note: Specifications are subject to change without notice.

Input Ports	HDMI x 4, USB x 4, MIC x 1
Output Ports	HDMI x 1, Keyboard x 1, Mouse x 1, USB 3.0 A x 3, Audio x 1
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	6.0 Gbps/600MHz per channel (18 Gbps 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 (LxWxH)	231 x 108 x 23mm
Net Weight	495g
Material	Metal

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 a HDMI 2.0 cable and make sure that the input and output cable length does not exceed 4 meters for 4K/60Hz 4:4:4. 4K@30Hz/1080p can reach 10 meters each for the input and output cable length.
A USB 3.0 port, which connects peripheral devices like e.g. external hard disks, doesn't work properly.	Maybe the external hard disk power consumption is higher than 2.5W (5V 500mA).	Please use a device with power consumption less than 2.5W.



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