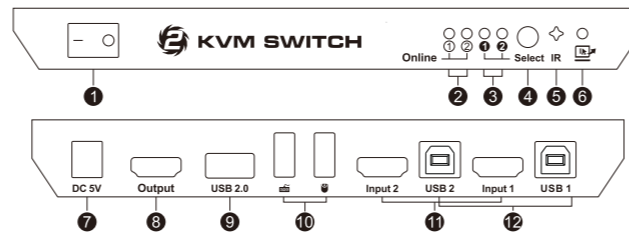## HDMI KVM Switch

# USER MANUAL

## Features :

- Using only 1 set of keyboard, mouse and monitor to control 2/4 computer devices
- Support Unix/Windows/Debian/Ubuntu/Fedora /Mac OS X/Raspbian/Ubuntu for Raspberry Pi and other Linux based system
- Support auto switching to monitor computers in a specified time interval
- Support front panel buttons, IR signals, keyboard hot keys and mouse gesture to control KVM switch to switch inputs
- Available to use keyboard and mouse without any delay after switching input sources
- Support resolution up to 3840*2160@30Hz
- With USB 2.0 hub port, it is possible to connect bar code scanner, USB hard drive or other USB devices to KVM
- With EDID emulators in each input port, keep PCs always having correct display information
- Support DVI-D single link sources and displays with the use of HDMI-to-DVI adapters

## Packing List:

1 * HDMI KVM Switch
1 * DC 5V power adapter
1 * IR remote control
1 * User's manual
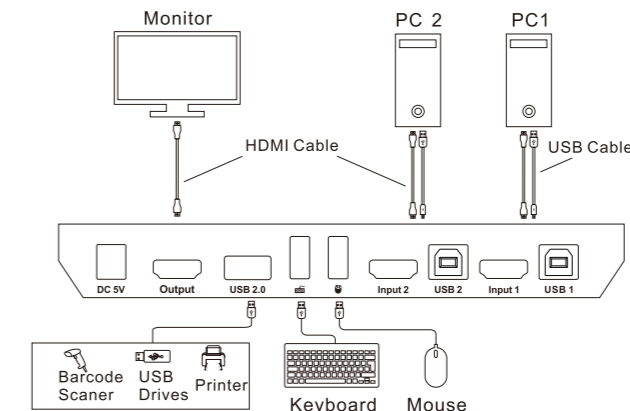
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## 2x1 Panel Description:



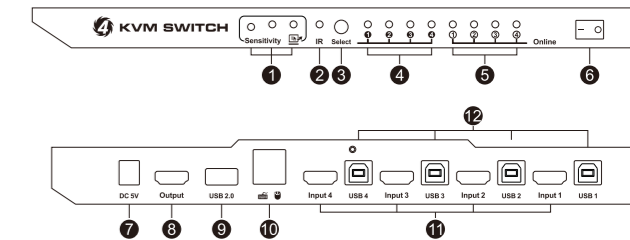| ID | Name | Description |
|---|---|---|
| 1 | Power switch | Turn on or off power supply |
| 2 | USB connection status | LEDs will be lit if the USB data ports are connected to the computers' USB port |
| 3 | Input selection status | Indicate current selected input source |
| 4 | Input selection button | Select input sources |
| 5 | IR receiver | Receive IR remote signal |
| 6 | Fast switching mode | LED will be lit if fast switching mode (Mouse gesture) is activated |

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## 2x1 Panel Description:

| ID | Name | Description |
|---|---|---|
| 7 | DC 5V input | DC 5V power supply |
| 8 | HDMI output | Connect to HDMI display |
| 9 | Standard USB 2.0 port | Connect to USB 2.0 devices, printer, barcode scanner, USB drives |
| 10 | Keyboard and mouse input | For USB keyboard and mouse input, including wireless keyboard and mouse |
| 11 | HDMI input ports | Connect to HDMI source devices |
| 12 | USB data ports | Connect to PC by USB type B to type A cable |

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## 2x1 Connection Diagram:

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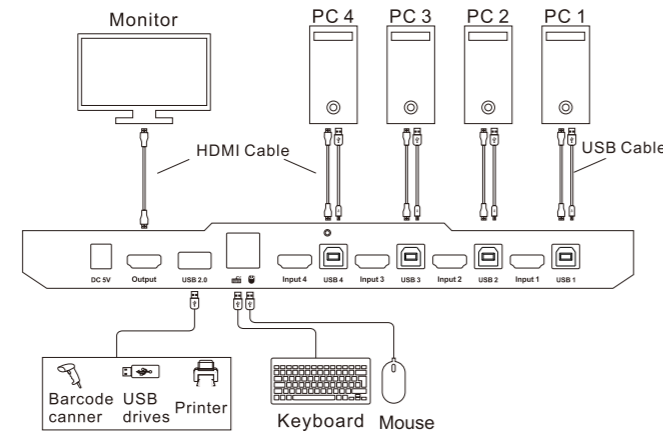## 4x1 Panel Descriterion :



| ID | Name | Description |
|---|---|---|
| 1 | Fast switching mode indicator and sensitivity adjust button | LED will be lit if fast switching mode (Mouse gesture) is activated. Press button to change the sensitivity of the mouse movement recognition |
| 2 | IR receiver | Receive IR remote signal |
| 3 | Input selection button | Select input sources |
| 4 | Input selection status | Indicate current selected input source |
| 5 | USB connection status | LEDs will be lit if the USB data ports are connected to the computers' USB port |
| 6 | Power switch | Turn on or off power supply |

## 4x1 Panel Description :

| ID | Name | Description |
|---|---|---|
| 7 | DC 5V input | DC 5V power supply |
| 8 | HDMI output | Connect to HDMI display |
| 9 | Standard USB 2.0 port | Connect to USB 2.0 devices, printer, barcode scanner, USB drives |
| 10 | Keyboard and mouse input | For USB keyboard and mouse input, including wireless keyboard and mouse |
| 11 | HDMI input ports | Connect to HDMI source devices |
| 12 | USB data ports | Connect to PC by USB type B to type A cable |

## 4x1 Connection Diagram:

Monitor  PC 4  PC 3  PC 2  PC 1

HDMI Cable  USB Cable

Barcode canner  USB drives  Printer  Keyboard  Mouse

## HOW TO USE :

1.Setup the connection according to the connection diagram.
2.After all the PCs are started in step 1, then you can switch to any PC by keyboard hot keys, IR keys or the key pad on the KVM front panel. (For example, if you want to control the PC connected to HDMI IN 2 just press the "Select" button on front panel, or press digit button "2" on remote control, or the keyboard hotkey commands described following)

### HOW TO USE KEYBOARD HOT KEYS:

1. Hit ScrollLock key twice within 2 seconds, the buzzer will beep twice.
2. After step 1 enter following hot key commands within 3 seconds, the KVM will execute the corresponding commands.

ScrollLocK + ScrollLocK + Page Up    Select previous input port

ScrollLocK + ScrollLocK + Page Down    Select next input port

ScrollLocK + ScrollLocK + 1 ～ 4    Select port by port number

**Note:** 3, 4 are for 4x1 KVM.

ScrollLocK + ScrollLocK + F11    Enable or disable buzzer sound

ScrollLocK + ScrollLocK + F12    Enable or disable fast switching mode (Mouse gesture mode)

If fast switching mode is activated, then double hit left or right bound of the screen with mouse pointer in 1 second, KVM will switch to previous or next input.

ScrollLocK + ScrollLocK + SPACE    Turn on auto switching mode

**Note:** default auto switching time interval is 6 seconds, you are able to change this value by following hot key commands:
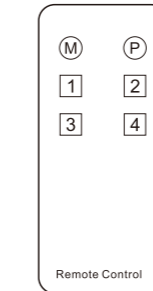
ScrollLocK + ScrollLocK + +/−    Increase or decrease auto switching time interval

**Note:**1 second per step, the time is up to 250 seconds.

Esc    Turn off auto switching mode

**Note:** Execute this hotkey command to exit auto switching mode.

## IR Remote Control:

M  P
1  2
3  4
Remote Control

1 —Switch to input port 1
2 —Switch to input port 2
3 —Switch to input port 3
4 —Switch to input port 4

**Note:** 3, 4 are only available for 4x1 HDMI KVM switch.

**Note:** 1.For the safety request by some express company, the remote control is not equipped battery by default. Please install the button battery CR2025 before using it.
2. Unspecified buttons at above are non-functional.

## Warranty Information:

We warrant this product as free of defects in material and workmanship for a period of one (1) year from the date of shipment.
If during the period of warranty this product proves defective under normal use, we will repair or replace this product, provided that this product has not been subjected to mechanical, electrical, or other abuse or modifications. If it fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for six (6) months from the day of reshipment to the buyer.