User’s manual

4x1 HDMI 2.0 KVM Switch
Introduction

This 4x1 HDMI 2.0 KVM Switch provides you with great flexibility in integrating cross-platform computer equipment easily. It makes you available to switch easily and reliably between any HDMI computers using one HDMI compliant display.

The 4x1 HDMI 2.0 KVM Switch supports USB 2.0 hub and USB 2.0 keyboard/mouse. By using USB 2.0 hub ports on the KVM, you even can attach USB drive, printer, barcode scanner or other USB devices to the KVM. Switching can be controlled through variable methods, such as the front panel source selector buttons, IR signals and hot keys on keyboard. With EDID emulators in every input ports, keep PCs always have correct display information, prevent display settings changed while switching input ports. Support analog L/R audio output.

Packing List

1 * HDMI KVM switch
1 * DC 5V power adapter
1 * IR control
1 * User Manual
Features

- Using only 1 set of keyboard, mouse and monitor to control 4 computer devices
- Available to use keyboard without any delay after switch input sources
- Support hot key commands and mouse gesture to switch inputs
- Support resolution up to 3840*2160@60Hz 4:4:4
- Compliant with HDMI 2.0 and HDCP 2.2.
- Support USB 2.0 for printers, USB drives etc
- With EDID emulators in every input ports, keep PCs always have correct display information
- Support front panel buttons, IR signals, keyboard hot keys to control KVM switch.
- Support Unix/ Windows/ Debian/ Ubuntu/ Fedora/ Mac OS X/ Raspbian/ Ubuntu for Raspberry Pi and other Linux based system
- Support auto switching among all devices so as to monitor the devices in a specified time interval.
- Support hot plug, connect or disconnect devices to the KVM switch in any time and without turn off devices
- Support analog L/R audio output
- Support HDR 10 and Dolby Vision
## Panel View

### KVM Switch Diagram

![Diagram of KVM Switch with labels and connections](image)

### Table: Panel View Descriptions

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fast switch status</td>
<td>LED will be lit if enter mouse gesture mode</td>
</tr>
<tr>
<td>2</td>
<td>IR receiver</td>
<td>Receive IR remote signal</td>
</tr>
<tr>
<td>3</td>
<td>Input selection button</td>
<td>Select input source</td>
</tr>
<tr>
<td>4</td>
<td>Input selection status</td>
<td>The LED will be lit if the corresponding input source is selected</td>
</tr>
</tbody>
</table>
## Panel View

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>USB connection status</td>
<td>LEDs will be lit if the USB Type B ports connect to computers, and computers are on</td>
</tr>
<tr>
<td>6</td>
<td>Power switch</td>
<td>Turn on or turn off power supply</td>
</tr>
<tr>
<td>7</td>
<td>DC 5V input</td>
<td>5V DC power supply</td>
</tr>
<tr>
<td>8</td>
<td>HDMI output</td>
<td>Connect to HDMI display</td>
</tr>
<tr>
<td>9</td>
<td>Standard USB2.0 port</td>
<td>Connect to USB 2.0 device, printers, USB drives</td>
</tr>
<tr>
<td>10</td>
<td>Keyboard and mouse input</td>
<td>Connect to keyboard and mouse</td>
</tr>
<tr>
<td>11</td>
<td>HDMI input ports</td>
<td>Connect to HDMI source devices</td>
</tr>
<tr>
<td>12</td>
<td>USB ports connected to PC</td>
<td>Connect to PC</td>
</tr>
<tr>
<td>13</td>
<td>L/R audio output</td>
<td>Analog L/R audio output, connect to speaker</td>
</tr>
</tbody>
</table>
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 + PageUp

Previous port

ScrollLocK + ScrollLocK + PageDown

Next port

-6-
How To Use Keyboard Hot Keys:

Scroll Lock + Scroll Lock + SPACE

Auto switching
Note: default auto switching time interval is 6 seconds, you are able to change this value by following hot key commands:

Scroll Lock + Scroll Lock + +/-

Increase or decrease auto switching time interval
Note: 1 second per step

Scroll Lock + Scroll Lock + 1 ~ 4

Select port by port number

Scroll Lock + Scroll Lock + F11

Enable or disable buzzer sound

Scroll Lock + Scroll Lock + F12

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

Known issue:
Apple keyboard is not in supported.