

## 8-Port Rackmount KVM Switch - 4K 60Hz



*Actual product may vary from photos*

## User Manual

**SKU#:** R8AD122-KVM-SWITCH / R8AD122-KVM-SWITCH

For the latest information and specifications visit:

[www.startech.com/r8ad122-kvm-switch](http://www.startech.com/r8ad122-kvm-switch) or [www.startech.com/r8ah202-kvm-switch](http://www.startech.com/r8ah202-kvm-switch)

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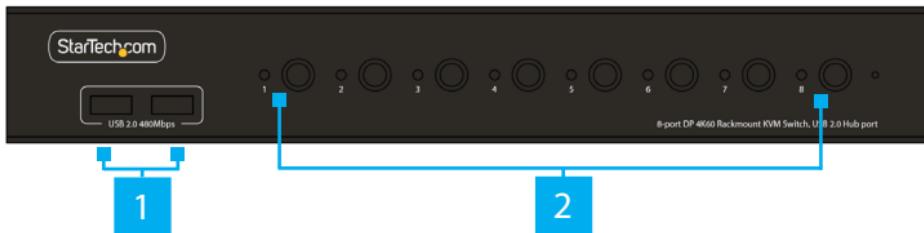
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# Product Diagram

## Front View



Component	Function
1 USB Hub Ports	<ul style="list-style-type: none"><li>Connect <b>USB Peripheral Devices</b> such as a <b>Mouse, Keyboard, or USB Flash Drive</b></li><li>Supports <b>USB 480Mbps</b></li></ul>
2 PC 1-8 Selection Buttons with LEDs	<ul style="list-style-type: none"><li>Press the <b>Button</b> to switch to the corresponding port</li><li>LED Lights:<ul style="list-style-type: none"><li><b>Solid Green:</b> Port Selected</li><li><b>Blinking Green:</b> Port Selected but no Video input detected</li></ul></li></ul>

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## Rear View



Component	Function
1 DisplayPort Output Port	<ul style="list-style-type: none"> <li>Connect to a <b>DisplayPort Monitor</b></li> </ul>
2 PC 1 - 8 DisplayPort Input	<ul style="list-style-type: none"> <li>Connect to a <b>DisplayPort Source Device</b></li> </ul>
3 DC Power Input	<ul style="list-style-type: none"> <li>Connect the included <b>Universal Power Adapter</b> to the <b>KVM Switch</b></li> </ul>
4 USB HID Ports	<ul style="list-style-type: none"> <li>Connect a <b>Human Interface Device (HID)</b> (e.g. Keyboard, Mouse, Trackpad, Number Keypad, or Drawing Tablet)</li> </ul>
5 3.5mm Audio Output	<ul style="list-style-type: none"> <li><b>Green:</b> Connect to a <b>3.5mm Audio Source Device</b></li> </ul>
6 8x PC USB Host Connection	<ul style="list-style-type: none"> <li>Connect to a <b>Computer</b> with a <b>USB Port</b></li> </ul>
7 8x PC Audio Input	<ul style="list-style-type: none"> <li>Connect to a <b>3.5mm Audio Port</b> on <b>PC 1 - 8</b></li> </ul>

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## Installation

### (Optional) Rack Mount the KVM Switch

1. Place the **Mounting Brackets** on each side of the **KVM Switch**. Align the **Holes** in the **Mounting Brackets** with the **Holes** on the sides of the each side of the **KVM Switch**.
2. Insert four **Screws** through each **Mounting Bracket** and into the **KVM Switch**.
3. Tighten each **Screw** using a **Phillips Head Screwdriver**.
4. Locate a suitable location, in the **EIA-310 Compliant Rack Space**, to mount the **KVM Switch**.

**Note:** The **KVM Switch** requires 1U of rack-space.

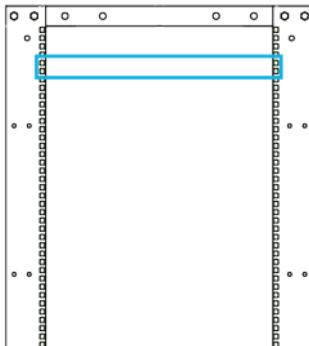


Figure 1

5. If the **EIA-310 Compliant Rack Space** uses square mounting holes, install **Cage Nuts** (not included) into the square mounting holes on the **1U of EIA-310 Compliant Rack Space**.

6. Place the **KVM Switch** into the rack-space and align the mounting holes on the **Mounting Brackets** with the mounting points on the rack space (e.g. the cage nuts, if used).
7. Use **Cabinet Screws** (not included) to secure the **KVM Switch** to the rack. If not using cage nuts or M5/M6 tressed rack posts, the appropriate mounting hardware for the rack should be used.

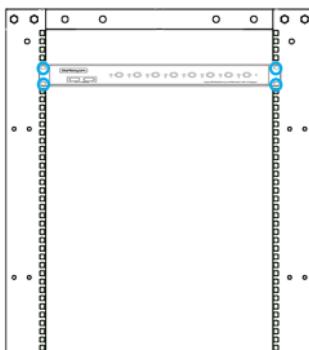


Figure 2

**Note:** Ensure the screws are properly tightened and the **KVM Switch** has no movement.

8. The **KVM Switch** is now installed into the 19-inch **EIA-310 Compliant Rack Space**.

## Connect the Console

**Note:** Power off all Computers, Displays, and Peripherals before completing the following steps.

9. Connect the **DisplayPort Display** to the **DisplayPort Output Port**, located on the rear of the **KVM Switch**, using a **DisplayPort Cable** (sold separately).
10. Connect a **USB Mouse** and a **USB Keyboard** to the **Console USB HID Ports**, located on the rear of the **KVM Switch**.
11. (Optional) Connect up to two additional **USB HID Devices** to the remaining **USB HID Ports**, located on the front of the **KVM Switch**.
12. (Optional) Connect **Speakers, Headphones**, or similar **Loudspeaker Device** to the **3.5mm Audio Output**, located on the rear of the **KVM Switch**, using a **3.5mm TRS Audio Cable** (sold separately).

## Connect the PCs

1. Use a **DisplayPort Cable** (sold separately) to connect a **DisplayPort Source Device** to the **DisplayPort Input**, located on the rear of the **KVM Switch**.
2. Connect a **USB to USB Type-B Cable** (sold separately) from a **USB Port** on the **Computer** to the **PC 1 USB Host Connection**, located on the rear of the **KVM Switch**.
3. (Optional) Connect a **3.5mm Audio Cable** (sold separately) from a **3.5mm Audio Output** on the **Computer** to the **PC 1 Audio Input**, located on the rear of the **KVM Switch**.
4. Repeat **Steps 1 to 3** for the remaining **PCs**.

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5. Connect the included **Power Adapter** from an available **Wall Outlet** to the **DC Power Input Port**, located on the rear of the **KVM Switch**.
6. Power on all connected **Peripheral Devices**

## Hotkey Commands

Hotkey commands are keystroke sequences that initiate computer/device functions. Hotkey commands can be used to initiate KVM Switch functions. A hotkey command sequence must be initiated by the HK\_LCode, followed by 1-2 additional keystrokes. Successful hotkey command inputs result in a beep.

### Notes:

- All keystroke combinations must be entered in rapid succession.
- Press and release the indicated keys, unless otherwise specified.
- Numbers entered during the hotkey sequence cannot be entered using a number pad.

## Hotkey Leading Code

### Option 1

- Scr Lck + Scr Lck

To change the leading hotkey, perform the following:

- Scr Lck + Scr Lck + H + Caps Lck or Num Lck or F12
- Press and hold PC Selection Button 8 until the KVM Switch emits 2 beeps. Release the PC Selection Button and press the preferred leading key (Scr Lck, Caps Lck, Num Lck, or F12)

Hotkey Command	Function
<b>HK_LCode + 01 ~ 08</b>	<ul style="list-style-type: none"> <li>• Select PC 1 ~ PC 8</li> </ul>
<b>HK_LCode + S</b>	<ul style="list-style-type: none"> <li>• Start Auto Scan</li> <li>• To stop Auto Scan, press any key</li> </ul>
<b>HK_LCode + Up Arrow or Down Arrow</b>	<ul style="list-style-type: none"> <li>• Manually switch back and forth between PC Ports</li> </ul>
<b>HK_LCode + S + 1 ~ 0</b>	<ul style="list-style-type: none"> <li>• Adjust Auto Scan Rate:           <ul style="list-style-type: none"> <li>• 1 = 10 seconds</li> <li>• 2 = 20 seconds</li> <li>• 3 = 30 seconds</li> <li>• 4 = 40 seconds</li> <li>• 5 = 50 seconds</li> <li>• 6 = 60 seconds</li> <li>• 7 = 70 seconds</li> <li>• 8 = 80 seconds</li> <li>• 9 = 90 seconds</li> <li>• 0 = 100 seconds</li> </ul> </li> </ul>
<b>HK_LCode + B</b>	<ul style="list-style-type: none"> <li>• Enables or Disables the audible beep during Auto Scan</li> <li>• Enabled by default</li> </ul>
<b>HK_LCode + Backspace</b>	<ul style="list-style-type: none"> <li>• Switch to the last active PC Port</li> </ul>

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