

## 2-Port Dual Monitor KVM Switch - DisplayPort - 4K 60Hz - Serial Control

### Product IDs

P2DD46A22-KVM-SWITCH

### Product Information

For the latest software, manuals, product information, technical specifications, and declarations of conformance, please visit: [www.StarTech.com/P2DD46A22-KVM-SWITCH](http://www.StarTech.com/P2DD46A22-KVM-SWITCH)

### Hotkey Commands

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

#### Notes:

- All keystroke combinations must be entered in rapid succession.
- Press and release the indicated keys, unless otherwise specified.

#### HK\_LCode

##### Option 1.1

- Scr Lck + Scr Lck

##### Option 1.2

To change the HK\_LCode:

- HK\_LCode + H + CapsLk, NumLk, Left Ctrl or Right Ctrl
- Alternatively, press and hold the front Host Selection Button for PC2, until 2 beeps are emitted, then press the desired leading hotkey of CapsLk, NumLk, Left Ctrl or Right Ctrl

### Hotkey Command Chart

Hotkey Command	Function
HK_LCode + Space	<ul style="list-style-type: none"><li>• Bring up the On Screen Display (OSD) Menu.</li></ul>
HK_LCode + 1 ~ 2 or HK_LCode + F1 ~ F2	<ul style="list-style-type: none"><li>• Select PC 1 or PC 2.</li></ul>
HK_LCode + W	<ul style="list-style-type: none"><li>• Disable the binding between PC (USB/Video) and Audio when switching between PC 1 or PC 2.</li><li>• Allows switching of PC Ports USB and Video functions, while Audio does not switch.</li></ul>
HK_LCode + Q	<ul style="list-style-type: none"><li>• Enable the binding of PC (USB/Video) and Audio switching. (Enabled by default)</li><li>• Audio will switch with the PC Ports USB and Video functions.</li></ul>
HK_LCode + F5 ~ F6	<ul style="list-style-type: none"><li>• Audio Unbound: Selects only the audio and mic source between PC 1 or PC 2, does not switch USB and Video.</li><li>• Audio Bound: Select PC 1 or PC 2 and their respective USB/Video/Audio Ports.</li></ul>
HK_LCode + V	<ul style="list-style-type: none"><li>• Disable the binding between PC (USB/Video) and Serial when switching between PC 1 or PC 2.</li><li>• Allows switching of PC Ports USB and Video functions, while Serial does not switch.</li></ul>

<b>HK_LCode + C</b>	<ul style="list-style-type: none"> <li>Enable the binding of PC (USB/Video) and Serial switching. (Enabled by default)</li> <li>Serial will switch with the PC Ports USB and Video functions.</li> </ul>
<b>HK_LCode + F9~F10</b>	<ul style="list-style-type: none"> <li>Serial Unbound: Selects only the Serial source between PC 1 or PC 2, does not switch USB and Video.</li> <li>Serial Bound: Select PC 1 or PC 2 and their respective USB/Video/Serial Ports.</li> </ul>
<b>HK_LCode + Up Arrow Key or HK_LCode + Down Arrow Key</b>	<ul style="list-style-type: none"> <li>Select the next/previous PC Port.</li> <li>If Audio is unbound, the audio will not switch</li> <li>If Serial is unbound, the serial ports will not switch</li> </ul>
<b>HK_LCode + B</b>	<ul style="list-style-type: none"> <li>Enable or Disable the Beep that indicates HotKey Command Inputs. (Enabled by default)</li> </ul>
<b>HK_LCode + H + 0~9</b>	<ul style="list-style-type: none"> <li>Start Autoscan and set time delay. <ul style="list-style-type: none"> <li>"x" = 1 - 10sec, 2 - 20sec, 3 - 30sec, 4 - 40sec, 5 - 50sec, 6 - 60sec, 7 - 70sec, 8 - 80sec, 9 - 90sec, 0 - 100sec</li> </ul> </li> <li>Press any key to stop Autoscan</li> </ul>
<b>HK_LCode + R</b>	<ul style="list-style-type: none"> <li>Reset all Hotkey Commands to factory defaults</li> </ul>
<b>HK_LCode + O</b>	<ul style="list-style-type: none"> <li>Toggle primary monitor video and K/M source</li> </ul>
<b>HK_LCode + P</b>	<ul style="list-style-type: none"> <li>Toggle secondary monitor video only</li> </ul>
<b>HK_LCode + K</b>	<ul style="list-style-type: none"> <li>Switch K/M between primary and secondary monitors</li> </ul>

## Serial Commands

The following Serial Commands are intended to be used with the KVM Serial Connection Port, allowing control over the function of the KVM Switch. The Host Device that controls the KVM Switch requires the following parameters:

**Baudrate:** 115200bps

**Parity:** None

**Data Bits:** 8

**Stop Bits:** 1

Serial Command	Function
<b>sw 1~2</b>	<ul style="list-style-type: none"> <li>Switch the active PC Port</li> </ul>
<b>audio 1~2</b>	<ul style="list-style-type: none"> <li>Switch the active Audio Port</li> </ul>
<b>com 1~2</b>	<ul style="list-style-type: none"> <li>Switch the active RS232 Port</li> </ul>
<b>bind 2~3</b>	<ul style="list-style-type: none"> <li>Bind selected peripheral with the active PC Port <ul style="list-style-type: none"> <li>2 = Audio</li> <li>3 = RS232</li> </ul> </li> </ul>
<b>unbind 2~3</b>	<ul style="list-style-type: none"> <li>Unbind selected peripheral from the active PC Port <ul style="list-style-type: none"> <li>2 = Audio</li> <li>3 = RS232</li> </ul> </li> </ul>
<b>hotkey 0~4</b>	<ul style="list-style-type: none"> <li>Change the hotkey prefix <ul style="list-style-type: none"> <li>0 = ScrLk</li> <li>1 = CapsLk</li> <li>2 = NumLk</li> <li>3 = Left Ctrl</li> <li>4 = Right Ctrl</li> </ul> </li> </ul>

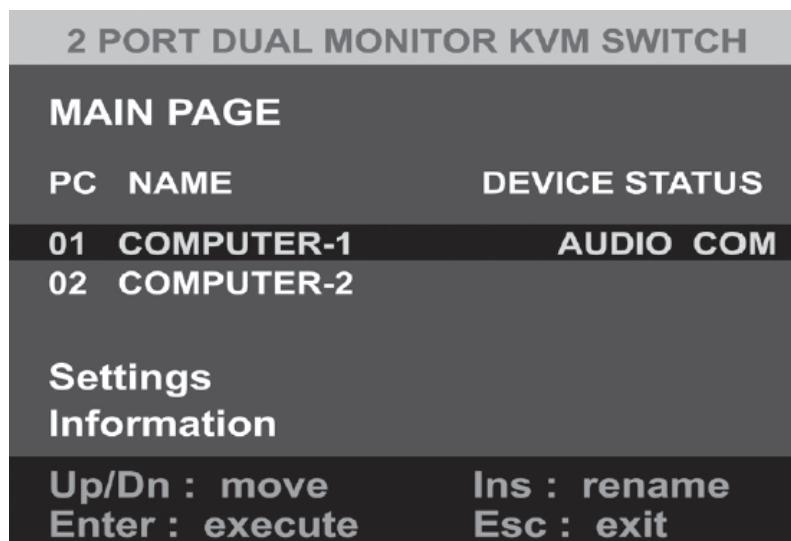
<b>osdtime 1~7</b>	<ul style="list-style-type: none"> <li>Set the OSD displayed time           <ul style="list-style-type: none"> <li>1 = 10</li> <li>2 = 20</li> <li>3 = 30</li> <li>4 = 40</li> <li>5 = 50</li> <li>6 = 60</li> <li>7 = Manual</li> </ul> </li> </ul>
<b>titletime 0~7</b>	<ul style="list-style-type: none"> <li>Set the title bar timeout duration           <ul style="list-style-type: none"> <li>0 = off</li> <li>1 = 5</li> <li>2 = 10</li> <li>3 = 15</li> <li>4 = 20</li> <li>5 = 25</li> <li>6 = 30</li> <li>7 = Always On</li> </ul> </li> </ul>
<b>setname 1~2 [name]</b>	<ul style="list-style-type: none"> <li>Set the PC Port name           <ul style="list-style-type: none"> <li>Max of 16 characters</li> </ul> </li> </ul>
<b>version</b>	<ul style="list-style-type: none"> <li>Show the Firmware version</li> </ul>
<b>help [command]</b>	<ul style="list-style-type: none"> <li>Show the format of the command</li> </ul>
<b>list</b>	<ul style="list-style-type: none"> <li>List all available commands</li> </ul>
<b>default</b>	<ul style="list-style-type: none"> <li>Set the KVM to factory defaults</li> </ul>

## Onscreen Display Menu

Bring up the Onscreen Display (OSD) by using the keyboard shortcut HK\_LCode + Space. The OSD provides the ability to modify settings, switch host ports, and perform other actions.

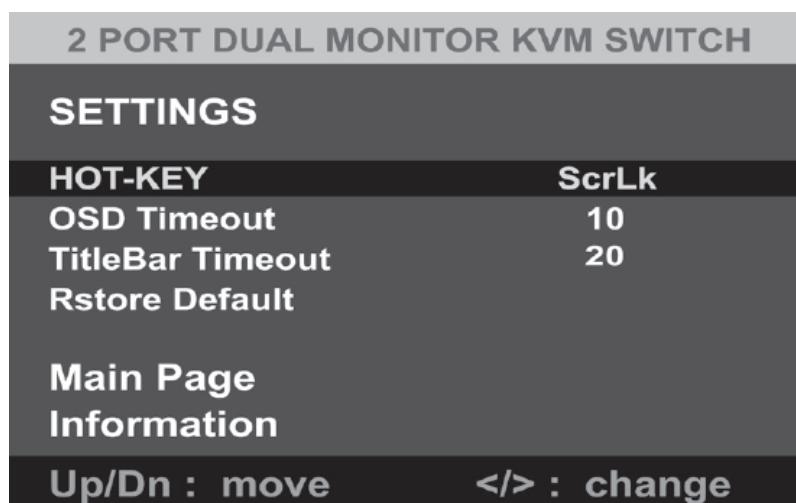
### OSD Main Menu

The Main Menu of the OSD displays the names of the connected Computers, along with the status of Audio and RS232 (COM) binding. Settings and device information are accessible from this menu.



## OSD Settings Menu

The OSD Settings enable the modification of the primary hotkey, OSD timeout, titlebar timeout, or restore the KVM Switch to its factory default settings.



## Example Screenshot

