

# 4X1 Quad Monitor 8K Displayport 1.4 Kvm Switch

## Quick Installation Guide Ver. 1.0

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### PACKAGE CONTENTS:

- 1x Main unit
- 1x Power Supply Adaptor
- 1x User Manual

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### INTRODUCTION:

The product is 4 ports 8k triple monitor displayport 1.4 kvm switch,allows Users to control four 8k displayport computers with one set of keyboard, mouse, and multi displayport monitors.This displayport 1.4 kvm switch supports Resolutions of 8k 60hz (4:4:4) (dsc),5k 120hz, 4k 144 hz, or 4k 120hz, Compliant with hdcp specifications, and supports edid pass-through, to 16:9, 21:9, or 32:9 monitors. It can satisfy every user to complete his projects, Enjoy home entertainment, or playing video games with vivid visuals, accurate Color, and sharp details.

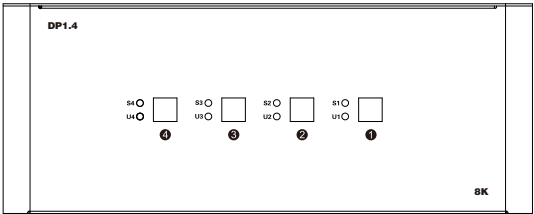
Features an auxiliary 3.5mm audio and mic port and usb 3.0 superspeed , offereds 10 gbps data transmission speed.This 8k kvm switch offers a total Bandwidth of up to 32.4 gbps for video and data transmission.

### FEATURES:

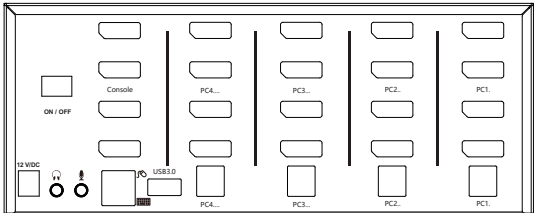
- Share an HDTV or display, USB keyboard & mouse between 4 USB/DP computers and devices
- Provides an additional USB 3.0 SuperSpeed.
- Switch between devices via front push button or hotkey
- DisplayPort 1.4 Video Supports Most Popular Resolutions Up to 4K 120Hz, 4K 144Hz, 5K 120Hz, and 8K 60Hz (4:4:4) ( DSC ),7680 x 4320 @ 60Hz (4:2:0).
- Many-Monitor Design Fulfills User's Optimum Work-Efficiency
- HDR10 Support for Best Visual Experience
- HDCP 2.2 and HDCP 1.4 Compliance
- Plug-and-Play without Software or Driver
- VRR ( Variable Refresh Rate ) for Gaming
- DSC ( Display Stream Compression ) Allows Even Higher Resolutions
- HFR ( High-Frame-Rate ) Allows Best Performance in High Dynamic Videos
- MST ( Multi-Stream Technology ) Allows Expansion to More Monitor Numbers
- Buttons Specify the port switch Control.
- multi-mode Hotkey Control

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### PANEL DESCRIPTIONS:



- ① input selection : Press Specify selection PC1  
S1: PC1 input selection shows. U1: PC1 USB Connection shows.
- ② input selection : Press Specify selection PC2  
S2: PC2 input selection shows. U2: PC2 USB Connection shows.
- ③ input selection : Press Specify selection PC3  
S3: PC3 input selection shows. U3: PC3 USB Connection shows.
- ④ input selection : Press Specify selection PC4  
S4: PC4 input selection shows. U4: PC4 USB Connection shows.



- 12V/DC: Connect to the included power adapter
- ON/OFF: Power ON/OFF Switch
- Connect to microphone
- Audio out: Connect to earphone
- Connect to USB keyboard and mouse devices.
- USB 3.0: Connect to other USB3.0 devices.
- PC4:Connect to source(4) device's display port1.4 and PC4 USB port.
- PC3:Connect to source(3) device's display port1.4 and PC3 USB port.
- PC2:Connect to source(2) device's display port1.4 and PC2 USB port.
- PC1:Connect to source(1) device's display port1.4 and PC1 USB port.

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### COMPATIBILITY:

- Windows, Mac, Linux computers
- Game consoles, Blu-Ray DVD players, and other CE devices

### HOTKEY:

Scroll:  
The Switch can respond to several hotkey commands. The basic form of the hotkey command is to tap the SCROLL LOCK key twice,then tap the command key(s). The following table shows the various hotkey commands that can be performed.

Command	Function
[Scroll] ++ [Scroll] + [1/2/3/4][*1]	Switch to PC1/PC2/PC3/PC4
[Scroll] ++ [Scroll] + [→or ↓]	PC Switch to next PC
[Scroll] ++ [Scroll] + [←or ↑]	PC Switch to previous PC
[Scroll] ++ [Scroll] + [B]	Turn the beep sound on or off.
[Scroll] ++ [Scroll] + [S]	Turn polling switching function on or off. The default switching time interval is 5 seconds(press [Esc] exit)
[Scroll] ++ [Scroll] + [S] + [n][*2]	Set the polling switchover interval, effective range:5-999S.
[Scroll] ++ [Scroll] + [K]	Turn hotkey on or off
[Scroll] ++ [Scroll] + [R]	Reboot the KVM switch
[Scroll] ++ [Scroll] + [ESC]	Restore Factory Default
[Scroll] ++ [Scroll] + [T][*3]	Turn Auto-Detection on or off
[Scroll] ++ [Scroll] + [F12]	Enable/disable:mouse cursor across screen
[Scroll] ++ [Scroll] + [Caps]	Switch to [Caps] hot key mode
[Scroll] ++ [Scroll] + [Num]	Switch to [Num] hot key mode
[Scroll] ++ [Scroll] + [Ctrl][*4]	Switch to [Ctrl+Shift] hot key mode

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## Caps:

Command	Function
[Caps] ++ [Caps] + {1/2/3/4}	Switch to PC1/PC2/PC3/PC4
[Caps] ++ [Caps] + [→or.]	PC Switch to next PC
[Caps] ++ [Caps] + [←or.]	PC Switch to previous PC
[Caps] ++ [Caps] + [B]	Turn the beep sound on or off.
[Caps] ++ [Caps] + [S]	Turn polling switching function on or off. The default switching time interval is 5 seconds(press [Esc] exit)
[Caps] ++ [Caps] + [S] + [n]	Set the polling switchover interval, effective range:5-999S.
[Caps] ++ [Caps] + [K]	Turn hotkey on or off
[Caps] ++ [Caps] + [R]	Reboot the KVM switch
[Caps] ++ [Caps] + [ESC]	Restore Factory Default
[Caps] ++ [Caps] + [T]	Turn Auto-Detection on or off
[Caps] ++ [Caps] + [F12]	Enable/disable:mouse cursor across screen
[Caps] ++ [Caps] + [Scroll]	Switch to [Scroll] hot key mode
[Caps] ++ [Caps] + [Num]	Switch to [Num] hot key mode
[Caps] ++ [Caps] + [Ctrl]	Switch to [Ctrl+Shift] hot key mode

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## Num:

Command	Function
[Num] ++ [Num] + {1/2/3/4}	Switch to PC1/PC2/PC3/PC4
[Num] ++ [Num] + [→or.]	PC Switch to next PC
[Num] ++ [Num] + [←or.]	PC Switch to previous PC
[Num] ++ [Num] + [B]	Turn the beep sound on or off.
[Num] ++ [Num] + [S]	Turn polling switching function on or off. The default switching time interval is 5 seconds(press [Esc] exit)
[Num] ++ [Num] + [S] + [n]	Set the polling switchover interval, effective range:5-999S.
[Num] ++ [Num] + [K]	Turn hotkey on or off
[Num] ++ [Num] + [R]	Reboot the KVM switch
[Num] ++ [Num] + [ESC]	Restore Factory Default
[Num] ++ [Num] + [T]	Turn Auto-Detection on or off
[Num] ++ [Num] + [F12]	Enable/disable:mouse cursor across screen
[Num] ++ [Num] + [Scroll]	Switch to [Scroll] hot key mode
[Num] ++ [Num] + [Caps]	Switch to [Caps] hot key mode
[Num] ++ [Num] + [Ctrl]	Switch to [Ctrl+Shift] hot key mode

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## Ctrl+Shift:

Command	Function
[Ctrl + Shift + 1/2/3/4]*5	Switch to PC1/PC2/PC3/PC4
[Ctrl] ++ [Ctrl] or [Ctrl + Shift + →or.]	PC Switch to next PC
[Ctrl + Shift + ←or.]	PC Switch to previous PC
[Ctrl + Shift + B]	Turn the beep sound on or off.
[Ctrl + Shift + S]	Turn polling switching function on or off. The default switching time interval is 5 seconds(press [Esc] exit)
[Ctrl + Shift + S + n]	Set the polling switchover interval, effective range:5-999S.
[Ctrl + Shift + K]	Turn hotkey on or off
[Ctrl + Shift + R]	Reboot the KVM switch
[Ctrl + Shift + ESC]	Restore Factory Default
[Ctrl + Shift + T]	Turn Auto-Detection on or off
[Ctrl + Shift + F12]	Enable/disable:mouse cursor across screen
[Ctrl + Shift + Scroll]	Switch to [Scroll] hot key mode
[Ctrl + Shift + Caps]	Switch to [Caps] hot key mode
[Ctrl + Shift + Num]	Switch to [Num] hot key mode

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## Note:

[\*1] : "++" means quickly and continuously press the Scroll key 2 times, [Scroll] ++ [Scroll] + [1] means quickly and continuously press the Scroll key 2 times, Press the numeric "1" key again, and the detection timeout between each hotkey code is 2 seconds. If the Scroll key is pressed for the first time, press it again after more than 2 seconds Scroll down, then this hotkey combination is invalid.

[\*2] : "N" can be 1 /2 /3 numbers, "Scroll ++ Scroll + S + 1 + 2 + 0" means fast and continuous press 2 times Scroll key, then press the number "S" key to release, then press the number "1" key to release, then press the number "2" key to release, Press the number "0" key and then release, and set the polling time interval to 120 seconds.

[\*3] : When the automatic detection function is turned on, CH9374B will automatically detect the computer USB interface connection and carry out intelligent switch. If a new computer's USB connection is detected, it will automatically switch to the newly connected computer.If the enabled computer is detected If the USB connection is disconnected, it will automatically switch to the next connected computer, if it detects that the USB connection of the non-enabled computer is disconnected Connections are not switched.If automatic detection is enabled, then automatic polling scan is enabled, it will automatically skip unconnected USB The computer of mouth.

[\*4] : "Ctrl" and "Shift" can be used regardless of left or right.

[\*5] : Hotkey [Ctrl + Shift + 1] means that "Ctrl" will not be released, and "Shift" will not be released. Press the number "1" key again, and then release all the keys.

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