

4 PC Dual Monitor Displayport USB3.0 KVM Switch

USER MANUAL

Model:KVM402DP

1. Description

This USB & 4*Displayport KVM switch can control 4 computers or laptops by using 1 set of keyboard and mouse to share 2 monitors and 4 USB3.0 hub. Supports multiple display modes (extended, mirrored and splicing wall). It is the best KVM switch to improve your productivity and make your workspace tidier, also a premium choice for work or home use.

2. Features

- >. Dual monitors output support extended, mirrored and splicing wall display
- >. Supports Displayport video resolutions up to 4K@144Hz,8K@30Hz
- >. Support Deep color
- >. Switching modes: Physical button and wired remote
- >. High compatibility, can auto-match source and display device
- >. Built-in automatic adjustment system, make the image smooth, clear and stable
- >. Built-in ESD protection system
- >. Simple to install, plug and play

3. Packing list

DP KVM Switcher-----	1 pc
USB cable-----	4 pcs
Wired remote -----	1 pc
User manual-----	1 pc

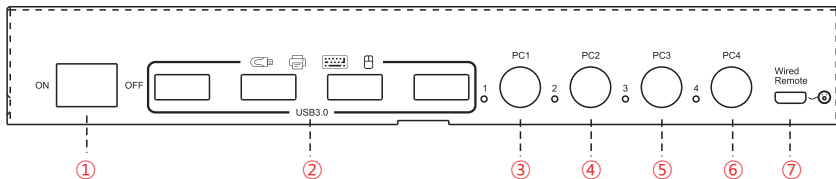
4.Specifications

Parameter		Description
Video	Standards	Displayport 1.4
	DP Resolution range	Up to 8K@30Hz 、 4K@144Hz /120Hz/60Hz; 1440P@144Hz/120Hz/60Hz; 1080P@240Hz /165Hz/144Hz/120Hz/60Hz (Depending on the system and the connected hardware)
	DP Cable Range	<2M(Res:3840*2160@144Hz)

USB	Interface protocols	USB3.0
Other	Power supply	DC/5V-12V Adapter Charger
	Power dissipation	MAX 5W
	Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%

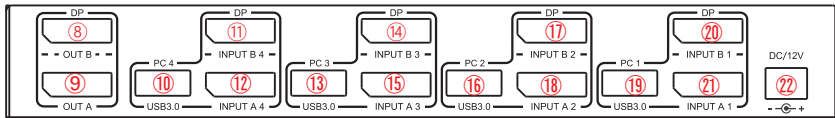
5.Interface Introduction

Front panel



Describe	Code	Description
Turn on/off	①	Turn on/off the power supply of the KVM switch
USB3.0	②	4 USB3.0 output ports for Keyboard/mouse/HDD etc
PC 1	③	Switch Button for PC 1
PC 2	④	Switch Button for PC 2
PC 3	⑤	Switch Button for PC 3
PC 4	⑥	Switch Button for PC 4
Wired Remote	⑦	Wired Remote Control

Rear panel



	Code	Description
Monitor	⑧	Connect to Displayport Monitor,Use DP Cable
	⑨	Connect to Displayport Monitor,Use DP Cable
PC 4 Connect	⑩	Connect to PC 4 's USB Port; Use USB3.0 Cable
	⑪	Connect to PC 4 's Displayport 1 Port ; Use DP Cable
	⑫	Connect to PC 4 's Displayport 2 Port ; Use DP Cable
PC 3 Connect	⑬	Connect to PC 3 's USB Port; Use USB3.0 Cable
	⑭	Connect to PC 3 's Displayport1 ports ; Use DP Cable
	⑮	Connect to PC 3 's Displayport2 ports ; Use DP Cable
PC 2 Connect	⑯	Connect to PC 2 's USB Port; Use USB3.0 Cable
	⑰	Connect to PC 2 's Displayport1 ports ; Use DP Cable
	⑱	Connect to PC 2 's Displayport2 ports ; Use DP Cable

	Code	Description
PC 1 Connect	⑲	Connect to PC 1's USB Port; Use USB3.0 Cable
	⑳	Connect to PC 1's Displayport 1 Port ; Use DP Cable
	㉑	Connect to PC 1's Displayport 2 Port ; Use DP Cable
Power	㉒	Connect DC/12V Adapter to KVM Switch

 PC  NOTE BOOK	Interface	1*HDMI 	1*MINIDP 	1*DP 	3*USB-C 	Only USB-C 
	Adapter					
			MINI DP to DP Cable	DP to DP Cable	USB-C to DP*2	MST USB-C Dock (DP+DP)
	Index	✗	★★★★★	★★★★★	★★★★★	★★★★★
	Note: VGA interface is not supported, please do not use VGA TO DP converter					

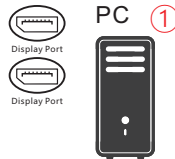
 Monitor Aor B Displayport	Interface	 HDMI Port	 Display Port	 USB-C
	Adapter	 8K DP to HDMI Adapter with power	 DP to DP Cable	 DP to C with usb power
	Index	★★★★☆	★★★★★	★★★★☆

6.Technical Q&A.

Q1. What kind of PC hosts are needed?

A1Four PC hosts which support dual Displayport(2*DP) outputs.

As shown in Figure ①.



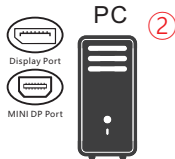
Q2: Can I use it for computer hosts with one DP interface and one MINI DP interface?

A2: For DP interface, directly connected to the KVM switch with DP cable.

For MINI DP interface need to use a "MINI DP to DP Cable"to connect to the KVM switch and computer.

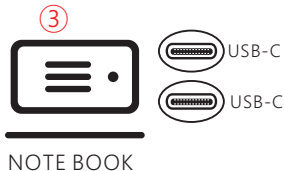
As shown in Figure ②:

DP(MINI DP) to DP Cable



Q3: Can I use it for Laptop with 2 USB-C output?

A3: Yes, but for USB-C Laptop we have to use USB-C to DP cable or USB-C docking station with DP ports.



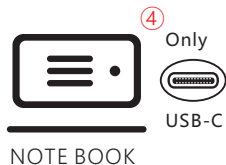
8K USB C to DP Cable*2



USB-C docking station
with 2*DP port

Q4: Is it possible to use my laptop with only USB-C output (no DP)?

A4: Not recommended; if you have to use it, you need to purchase a "MST docking" which can support dual Ports DP output.



Tip:

1> If using the MST multi-screen docking station, the computer CPU requires support for 11th generation; By using a docking station the resolution only reach 4k@30Hz or 1080p@60Hz for dual display.

2> (Apple M1/M2 only supports one external screen, not multi-screen output);

3> Each of your computer needs 2 DP connections, if only one DP connection there is only one monitor works.

4> When output from input A1/A2, it can only output from output A; similarly when output from input B1/B2, it can only output from output B;

5>When input from the DP A port, only the DP A display can be output from the DP port.

6>.When using the MST Docking station, due to the resolution limited of MST HUB, the resolution maybe have difference.

7.Warm tips.

1. Please use the monitor support 4K or higher 4K resolution with DP port if you need your device output 4K resolution.

2. The computer needs two (2*DP) sources, please connect the KVM switch to INPUT A /INPUT B respectively.

3. Conneting two USB cables to two computer hosts respectively to supply enough power for the KVM switch and make USB HUB function work;

4. If you use a 2.4G wireless keyboard and mouse, please plug the 2.4G receiver into the USB port on the front of the KVM; if you use a Bluetooth keyboard and mouse, you need a Bluetooth receiver connect to the KVM.

5. In order to get a good using experience, it is recommended to use two monitors with the same resolution.

6. When computers work with 4K@60Hz resolution, please use a power adapter to connect the DC power port of the KVM switch.

8. Multiple screen setup.

Windows system to quickly set Multiple-screen output:

1. Press Windows and P on the keyboard
2. Select Extend or Duplicate
3. Enter to confirm



Dual screen monitor

DP monitor



DP monitor



PROJECT

 **PC screen only**

 **Duplicate**

 **Extend**

 **Second screen only**

9.Computer External monitor sound Settings.

1> . Dual monitors which support audio output is required;

2> . If the audio port of monitor is a 3.5mm interface, an active audio system needs to be added;Take Windows 11 as an example.

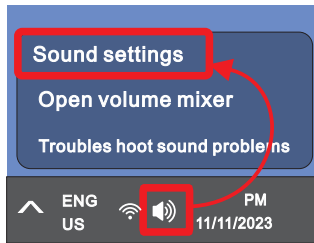
Setting1:

Speaker in the bottom right corner of the screen>Right mouse button>Open sound settings>Sound (output)>Select output device

1>Monitor audio (Monitor A or Monitor B or Monitor C)

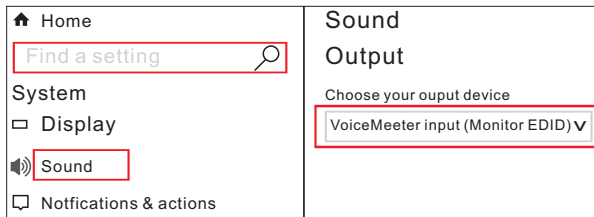
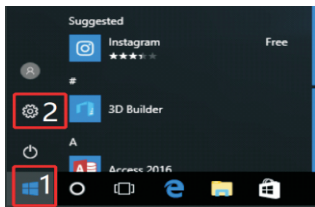
2>PC Audio

Note:Sound can only be output from one of the display terminals



Setting2:

Start menu>Settings>Sound>Output>Select Output Device

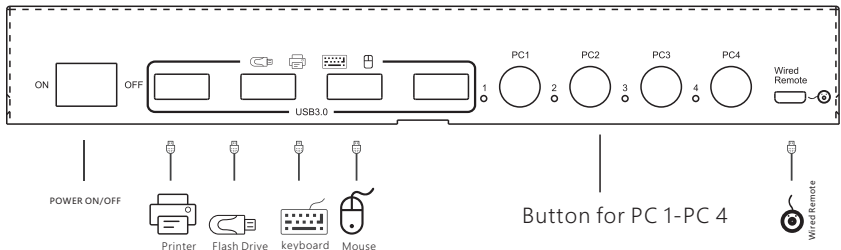
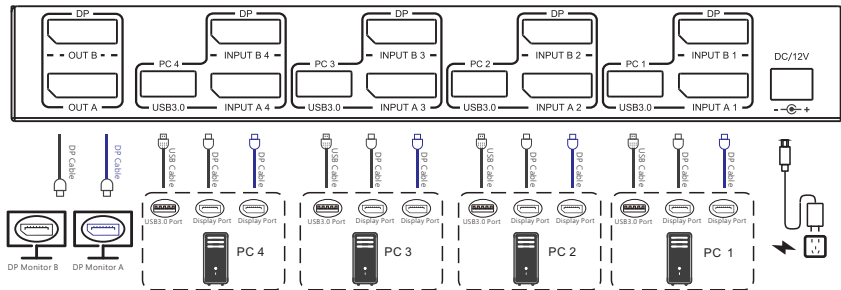


KCEVE SUPPORT

Whats APP connect



Connection scheme



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