DisplayPort USB KVM 2*1 SWITCH

USER MANUAL

1. Description

A 2-port USB DisplayPort KVM switch that allows users to switch between 2 computers from a single USB keyboard and mouse. The device is simple and convenient to install, just plug the cable into its corresponding port. No software configuration is required and there are no incompatibilities. And can work on a variety of operating system platforms such as Windows, Linux and Mac.

2. Features

A set of USB keyboard and mouse to control 2 DsplayPort computers to realize two-in-one free and synchronous switching;
Supports the DisplayPort 1.2 standard;
Automatically adapt EDID/HDCP to adapt to a variety of complex application environments;
High-definition video signal resolution supports up to 3840 x 2160@60Hz, supports full HD 120Hz 3D stereo display, high frame rate 240FPS, 120FPS per eye
can connect full-speed USB devices such as: USB mouse, keyboard, printer, etc.;
It can be switched between hotkey mode and host button mode, which is convenient and quick;
Multi-platform support for Windows, Linux and Mac;
Ability to automatically identify and configure various display modes;
Built-in automatic equalization system, the picture is smooth, clear and stable;
Built-in ESD static protection circuit to protect the system in all aspects;
Easy to install, plug and play, no need to set up;

3. Package list

- DisplayPort KVM2*1Switcher host   1   pcs
- Power cable   1   pcs
- DP   cable   2   PCS
- USB   cable   2   pcs
- user   manual   1   pcs

4. Specifications

Parameter		Description
Video	Standards	VESA DisplayPort Standard 1.2
	Pixel clock	Up to 300MHz per group
	Data rate	Up to 5.4Gbps per group
	Resolution range	Up to 4Kx2K@60Hz, 3D, 1920*1080@60Hz
	Connector	DisplayPort
	Impedance	100Ω
	DisplayPort Cable Range	<2M(Resolution: 3840*2160@60Hz)
USB	Interface protocols	Full speed USB2.0, compatible with USB1.1
	PC input interface type	USB-B
	Output interface type	USB-A
Other	Power supply	The power adapter: DC 5V
	Power dissipation	MAX 2W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	146*61.5*20mm

5. Panel

Front interface
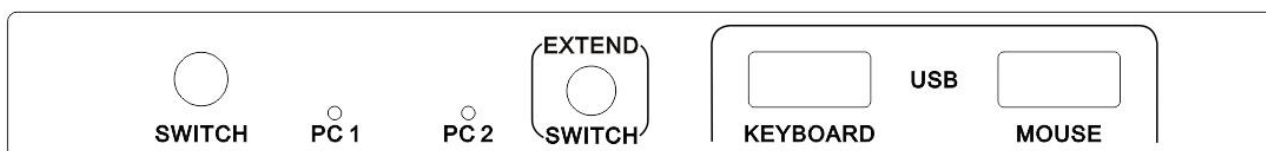
Port name	Description
SWITCH	PC1, PC2 channel switch button
PC1	PC1 group DisplayPort, USB channel selection indicator
PC2	PC2 group DisplayPort, USB channel selection indicator
SWITCH-EXTEND	PC1, PC2 channel switching button extension cable connector
USB KEYBOARD	USB keyboard connector
USB MOUSE	USB mouse connector

Rear interface
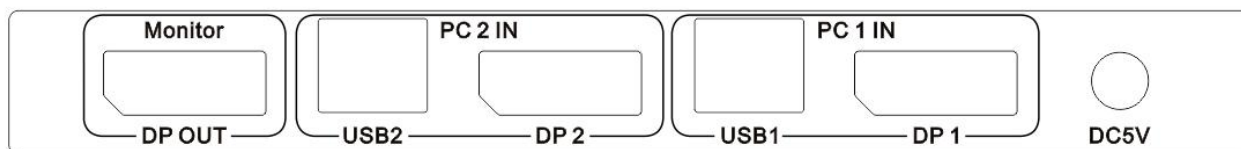
Port name	Description
DP OUT	DisplayPort video output signal
PC2 IN	PC2 group DisplayPort USB input
PC1 IN	PC1 group DisplayPort USB input
DC 5V	5V power supply input port

6, installation

①. Turn off the power to the switch, DP display, and each host.
②. Insert the USB keyboard and USB mouse into the port on the switch that is identified as the keyboard and mouse.
③. Plug the DP display into the port labeled "Monitor" on the switch and power on the display.
④. Connect the DP port on the switch to the host DP port with a DP cable.
⑤. Connect the USB port on the switch to the host USB port with a USB cable.
⑥. Power up the switch.
⑦. Turn on each computer and turn it on.

7, switching

There are two ways to switch:
① Switch through the buttons on the front panel.
② Use the keyboard hotkey mode to switch.

Hotkey switching

Hotkey combination	Description
（Scroll Lock ++ Scroll Lock+ 1 or 2） *	Switch to the next connected PC
(Scroll Lock+Scroll Lock+ B)	Buzzer on or off

* "++" means press 2 times in rapid succession. "Scroll Lock++Scroll Lock" means press the Scroll Lock key twice in rapid succession. The detection timeout between each hotkey is 5 seconds. If the second press Scroll Lock, it will exceed 5 After pressing for seconds, this hotkey combination is invalid.

Button switching

Using the panel buttons, one of the two hosts can be selected in a scrolling cycle.

LED indication

When switching to a port, the LED corresponding to the port is on; when the port is not switched, the corresponding LED indicator of the port is off.