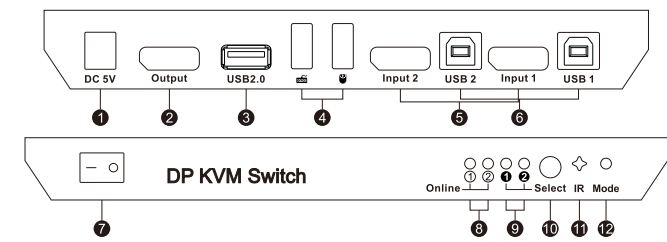## DP KVM Switch

USER MANUAL

Features :

- Using only 1 set of keyboard, mouse and monitor to control 2/4 PCs
- Support resolution up to 3840*2160@60Hz
- Support hot plug, connect or disconnect devices to the KVM at any time without turning off devices
- Support auto switching to monitor computers in a specified time interval
- Support front panel button, keyboard hot keys, mouse gesture or IR remote control to control KVM to switch inputs
- Available to use keyboard and mouse without any delay after switching input sources
- With extra standard USB port, it is possible to connect barcode scanner, USB hard drive or other USB devices to KVM
- Support mouse and keyboard pass through mode to improve mouse and keyboard compatibility

Packing List :

1 * 2X1/4X1 DP KVM Switch
1 * DC 5V Power adapter
1 * IR Remote control
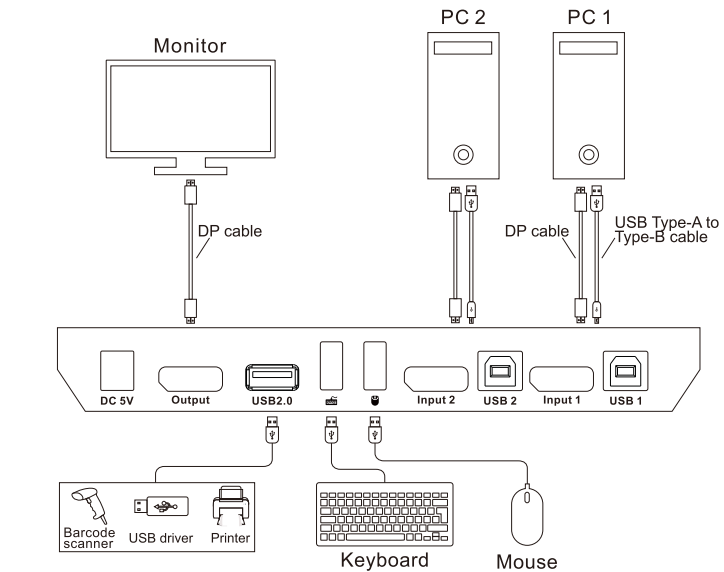1 * User manual

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2x1 Panel Description :

ID	Name	Description
1	DC 5V	5V DC power supply
2	DisplayPort output	Connect to DisplayPort display
3	Standard USB 2.0 port	Connect to USB 2.0 devices, printers, USB drives
4	Keyboard and mouse input	Connect to keyboard and mouse
5	DisplayPort input	Connect to DiaplayPort source devices
6	USB data ports	Connect to USB ports of PC
7	Power switch	Turn on or turn off power supply

2x1 Panel Description :
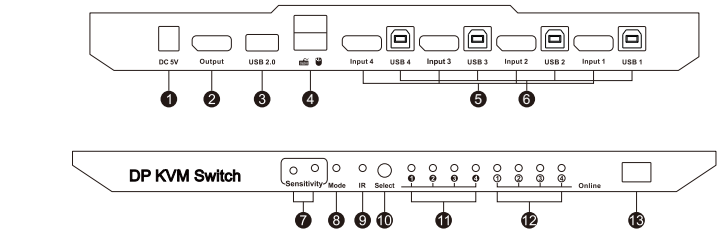
ID	Name	Description
8	USB connection status	LEDs will be lit if the USB Type B ports connect to computers, and computers are on
9	Input selection status	Indicate current selected input source
10	Input selection button	Select input source
11	IR receiver	Receive IR remote signal
12	Mouse and keyboard pass through mode status	In mouse and keyboard pass through mode, the LED will be lit

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2x1 Connection Diagram :

Note: The mouse and keyboard can implement hotkey functions when connected to a dedicated mouse and keyboard port.
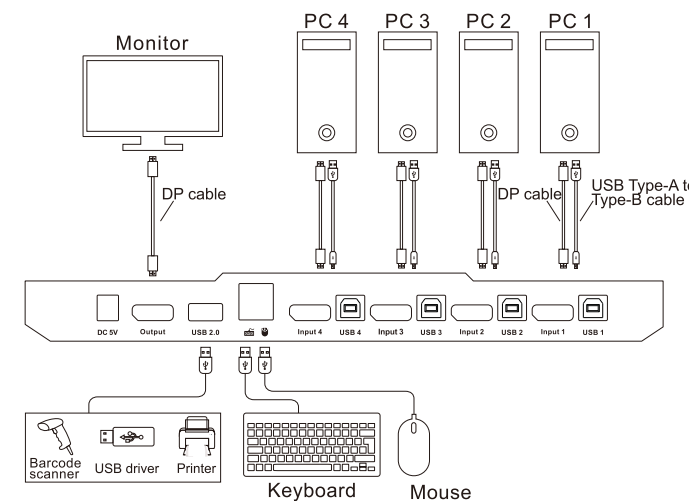

4x1 Panel Description :

ID	Name	Description
7	Mouse sensitivity adjustment button and indicator	Press the button to adjust the sensitivity of mouse movement recongnition
8	Mouse and keyboard pass through mode status	In mouse and keyboard pass through mode, the LED will be lit
9	IR receiver	Receive IR remote signal
10	Input selection button	Select input source
11	Input selection status	Indicate current selected input source

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4x1 Panel Description :

ID	Name	Description
1	DC 5V	5V DC power supply
2	DisplayPort output	Connect to DisplayPort display
3	Standard USB 2.0 port	Connect to USB 2.0 devices, printers, USB drives
4	Keyboard and mouse input	Connect to keyboard and mouse
5	DisplayPort input	Connect to DiaplayPort source devices
6	USB data ports	Connect to USB ports of PC
12	USB connection status	LEDs will be lit if the USB Type B ports connect to computers, and computers are on
13	Power switch	Turn on or turn off power supply

4x1 Connection Diagram :

Monitor

PC 4   PC 3   PC 2   PC 1

DP cable

DP cable

USB Type-A to Type-B cable

DC In   Output   USB 1-4   Input 4   USB 4   Input 3   USB 3   Input 2   USB 2   Input 1   USB 1

Barcode Scanner   USB driver   Printer

Keyboard   Mouse

Note: The mouse and keyboard can implement hotkey functions when connected to a dedicated mouse and keyboard port.

HOW TO USE :

1. Setup the connection according to the connection diagram.
2. After all the PCs are started in step 1, then you can switch to any PC by keyboard hot keys, IR keys or the key pad on the KVM front panel. (For example, if you want to control the PC connected to HDMI IN 2 just press the "Select" button on front panel, or press digit button "2" on remote control, or the keyboard hotkey commands described following)

HOW TO USE KEYBOARD HOT KEYS:

1. Hit ScrollLock key twice within 2 seconds, the buzzer will beep once when ScrollLock is pressed the second time .
2. After step 1 enter following hot key commands within 3 seconds, the KVM will execute the corresponding commands.

[Scroll LocK] + [Scroll LocK] + [Page Up]   Select next input port

[Scroll LocK] + [Scroll LocK] + [Page Down]   Select previous input port

[Scroll LocK] + [Scroll LocK] + [1] ~ [4]   Select port by port number

Note: 3, 4 are for 4x1 KVM.

[Scroll LocK] + [Scroll LocK] + [F11]   Enable or disable buzzer sound

[Scroll LocK] + [Scroll LocK] + [F12]   Enable or disable fast switching mode (Mouse gesture mode)

If fast switching mode is activated, then double hit left or right bound of the screen with mouse pointer in 1 second, KVM will switch to previous or next input.

[Scroll LocK] + [Scroll LocK] + [SPACE]   Turn on auto switching mode

Note: The KVM will automatically loop among all the powered on input source within a specified time interval. Default auto switching time interval is 6 seconds, you are able to change this value by following hot key commands:

[Scroll LocK] + [Scroll LocK] + [+/-]   Increase or decrease auto switching time interval

Note: 1 second per step, the time is up to 250 seconds.

[Esc]   Turn off auto switching mode

Note: Execute this hotkey command to exit auto switching mode.

[Scroll LocK] + [Scroll LocK] + [F2]   Turn on/off keyboard and mouse pass through mode

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In keyboard and mouse pass through mode, just like connecting keyboard and mouse directly to PC, all the multimedia keys can be used normally, for example you can press [Fn]+[▶▶] to play or turn off music, or [Fn]+[◀/|] to switch to next music. Turn off this mode may affect proper work of these keys. This mode is not compatible with fast switching mode.

If no [ScrollLock] key on your keyboard or the [ScrollLock] key is used for other functionality, you can take [Right-Ctrl] hotkey instead of [ScrollLock] key by below two ways:

1. Press front panel button 'Select' until you hear the buzzer is beeping, then restart the KVM.

2. Execute hotkey command [ScrollLock]+[ScrollLock]+[F1] , then restart the KVM.

[Scroll LocK] + [Scroll LocK] + [F1]   Switch the control hotkey to [Right-Ctrl]

After you had done either one of above, the hotkey combinations would be changed to: [Right-Ctrl]+[Right-Ctrl]+[xxx].
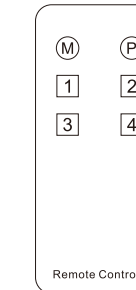**Note:** xxx refers to *keyboard key PageUp, PageDown, 1~4, F11, F12, SPACE, +/-.*

The same if you want to change the hotkey from [Right-Ctrl] to [ScrollLock], you could do as follows:
1. Press front panel button 'Select' until the buzzer is beeping, then restart the KVM.
2. Execute hotkey command: [Right-Ctrl]+[Right-Ctrl]+[F1] , then restart the KVM.

[Right -Ctrl] + [Right -Ctrl] + [F1]   Switch the control hotkey to [ScrollLock]

IR Remote Control:

[M] [P]
[1] [2]
[3] [4]

Remote Control

[1] — Switch to input port 1
[2] — Switch to input port 2
[3] — Switch to input port 3
[4] — Switch to input port 4

Note: 3,4 are only available for 4x1 HDMI KVM switch.

Note: 1. For the safety request by some express company, the remote control is not equipped battery by default. Please install the button battery CR2025 before using it.
2. Unspecified buttons at above are non-functional.

Warranty Information:

We warrant this product as free of defects in material and workmanship for a period of one (1) year from the date of shipment.
If during the period of warranty this product proves defective under normal use, we will repair or replace this product, provided that this product has not been subjected to mechanical, electrical, or other abuse or modifications. If it fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for six (6) months from the day of reshipment to the buyer.

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