



# TESmart HDK0402A1U 2 Port Dual Monitor KVM Switch User Manual

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## TESmart HDK0402A1U 2 Port Dual Monitor KVM Switch User Manual



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## Features

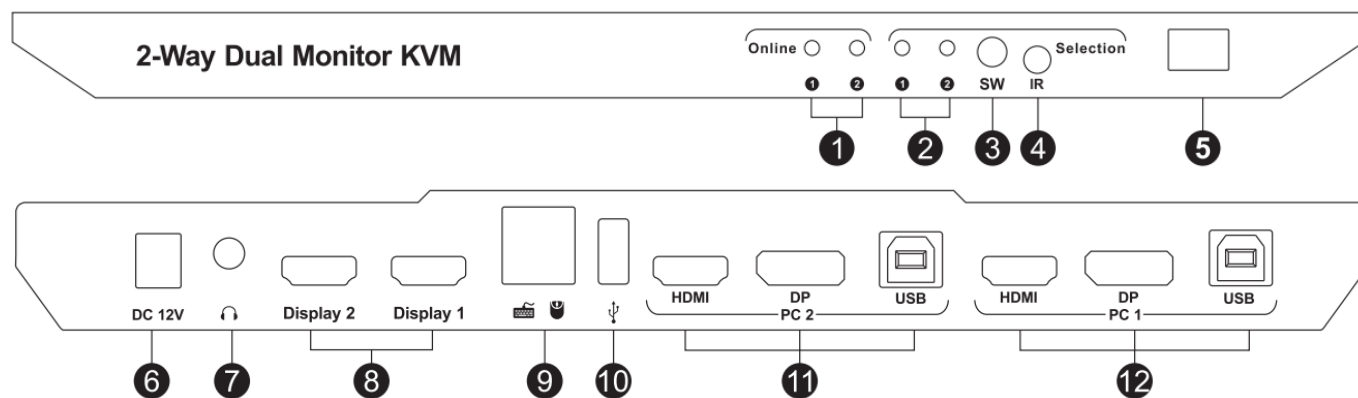
- Using only 1 set of keyboard, mouse and 2 monitors to control 2 computers
- Support Unix/Windows/Debian/Ubuntu/Fedora/Mac OS X/ Raspbian/Ubuntu for Raspberry Pi and other Linux based systems
- Support hot plug, connect or disconnect devices to the KVM at any time without turning off PC

- Support keyboard hotkeys, front-panel keys and IR remote control to control the KVM
- Available to use keyboard and mouse without any delay after switching PC
- Support resolution up to 3840\*2160@60Hz
- With extra standard USB port, it is possible to connect bar code scanner, USB hard drive or other USB devices
- Support keyboard and mouse pass through mode to improve KM compatibility

## Packing List

- 1 \* 4X2 Dual Monitor KVM
- 1 \* DC 12V adapter
- 1 “ IR remote control
- 1 \* User manual

## Panel Description



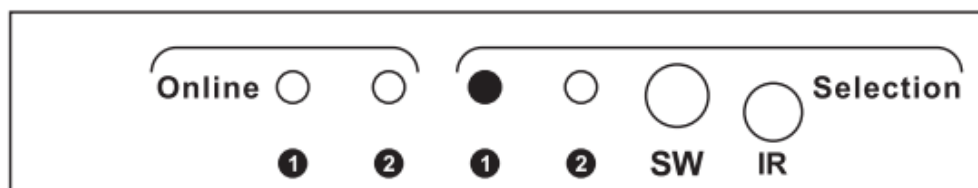
ID	Name	Description
1	USB connection status	LEDs will be lit if the USB Type B ports connect to computers, and computers are on
	Input selection status	Indicate current active selected input source LED1 on: Both monitors display PC1 LED2 is on: Both monitors display PC2 LED1&LED2 on: One monitor display one PC
3	Input selection button	Switch inputs between 2PCs
4	IR receiver	Receive IR remote signal
5	Power switch	Turn on or turn off power supply
6	DC 12V	12V DC power supply

7	L/R audio output	Analog audio output, connect to speaker
8	HDMI output	Connect to HDMI display
	Keyboard and mouse input	Connect to keyboard and mouse
10	Standard USB 2.0 port	Connect to USB 2.0 devices, printers, USB drives
11	PC 2 Input	<b>HDMI:</b> Connect to HDMI output of PC2 <b>DP:</b> Connect to DP output of PC2 <b>USB:</b> Connect to USB of the PC2(with Type A to Type B cable)
12	PC 1 Input	<b>HDMI:</b> Connect to HDMI output of PC1 <b>DP:</b> Connect to DP output of PC1 <b>USB:</b> Connect to USB of the PC1(with Type A to Type B cable)

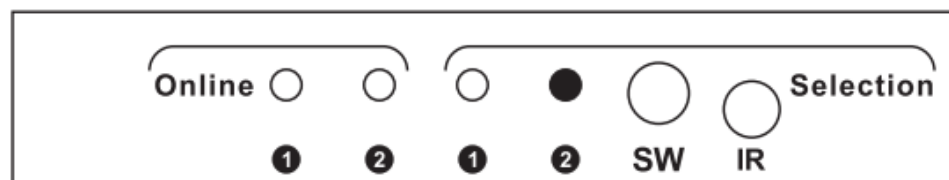
## Display Mode

### Display mode 1:

LED1 on: Both monitors display PC 1

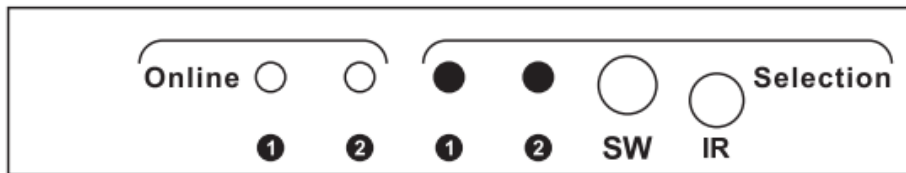


LED2 on: Both monitors display PC2



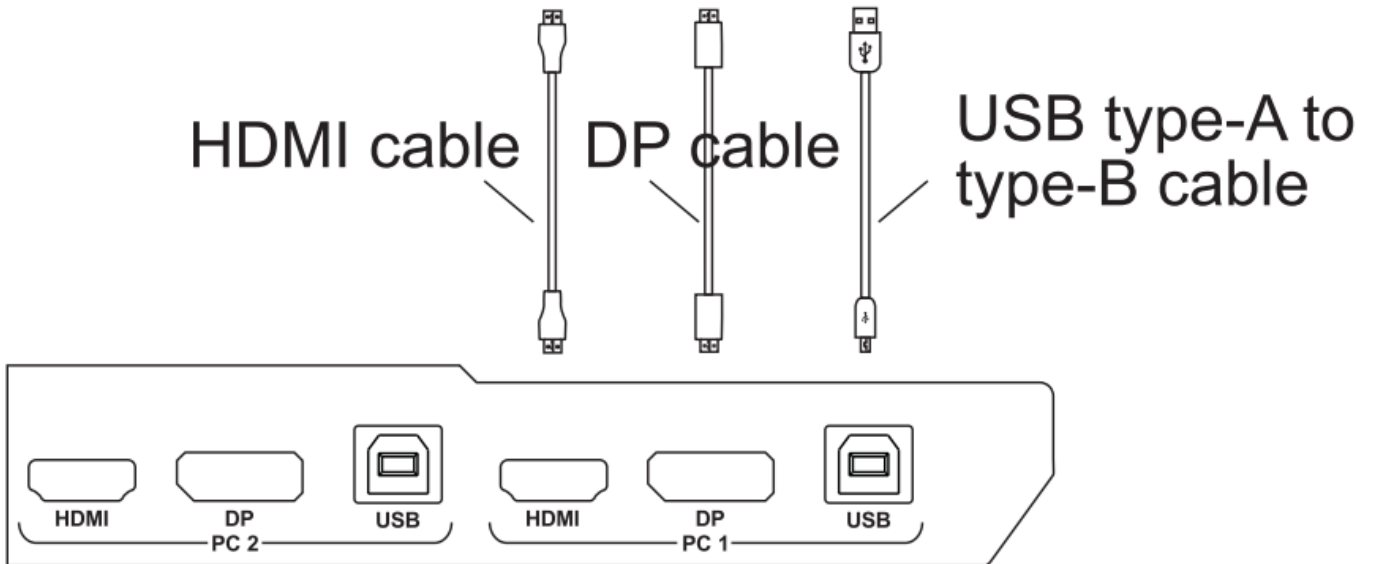
### Display mode 2:

LED1&LED2 on: One monitor display one PC



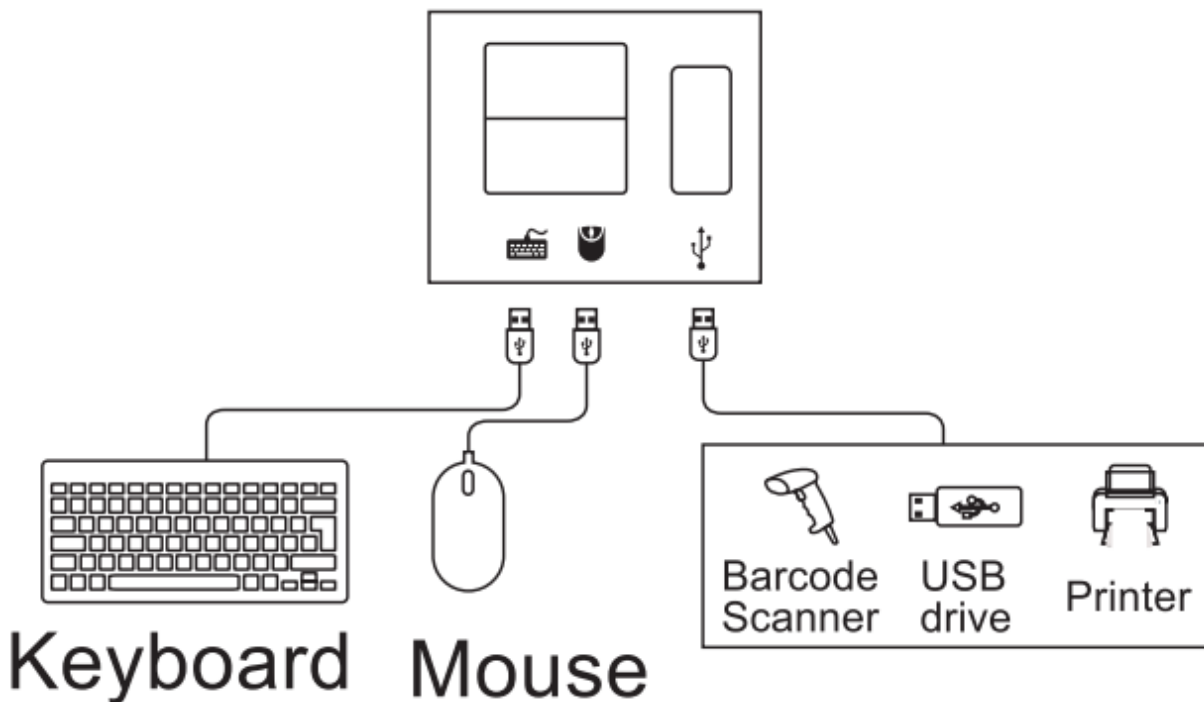
## Connection Diagram

**Step1:** Connect the two outputs of the PC1 to the Input A and Input B of the KVM PC1 inputs. Connect the USB of the PC to the USB of the KVM PC1 inputs with USB type A to B cable.

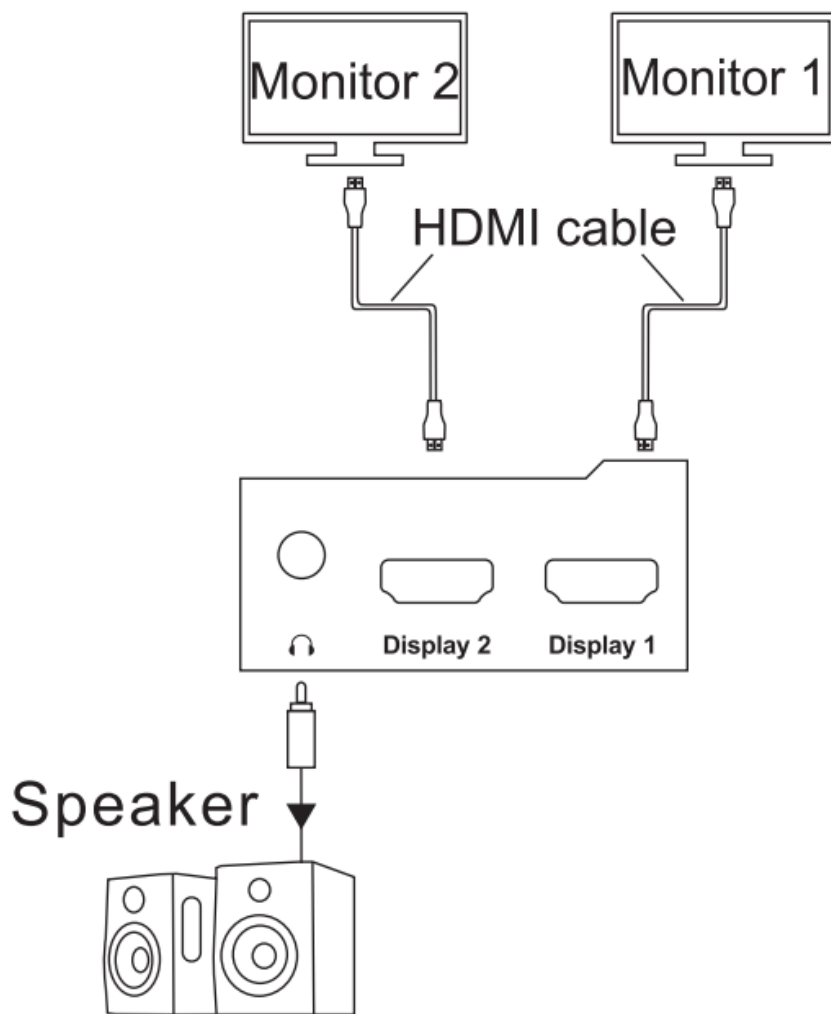


**Note:** Both Input A and input B should be connected to the same computer. If connect only one of them, then the dual monitor function would not work properly.

**Step 2:** Connect keyboard, mouse or wireless dongle of the keyboard and mouse to the specified ports.



**Step 3:** Connect speaker and monitor to the KVM.





















**Step 4:** Turn on the power switch to start the Dual Monitor KVM.

## How To Use

1. Set up the connection according to the connection diagram.
2. After all the PCs are started in step 1, then you can control the Dual Monitor KVM by keyboard hot keys, IR control or the front panel key 'SW', the specific control methods are as follows:

**How to use keyboard hot keys :**

 + 	Press [Right-Alt] key twice to change active selected computer in display mode 2
 +  + 	Select input source 1 in display mode 1
 +  + 	Select input source 2 in display mode 1
 +  + 	Keyboard and mouse focus on the desktop of input source 1 in display mode 2
 +  + 	Keyboard and mouse focus on the desktop of input source 2 in display mode 2
 +  + 	Enable or disable buzzer sound
 +  + 	Turn on or off keyboard and mouse pass through mode

**Note:** For the best compatibility, it is better to turn on keyboard and mouse pass through mode. In this mode, the keyboard and mouse are dynamically mapped to computer, so you are able to use special keyboard and mouse that with multimedia keys or other customized keys.

How to identify whether the KVM is in keyboard and mouse pass through mode?

Turn on the KVM, press [Scroll Lock] + [Scroll Lock] + [F3] , if buzzer beeping twice, the KVM is in keyboard and mouse pass through mode. And beeping once means in keyboard and mouse emulation mode.

### HOW TO CHANGE THE HOT KEYS COMBINATION:

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

Execute hotkey command [Scroll Lock]+[Scroll Lock]+[F1].

- Switch the control hotkey to [Right-Ctrl]



**After you had done as above , the hotkey combinations would be changed to:**

[Right-Ctrl]+[Right-Ctrl]+[xxx].

**Note:** xxx refers to keyboard key 1-4 F11 F2 F3.

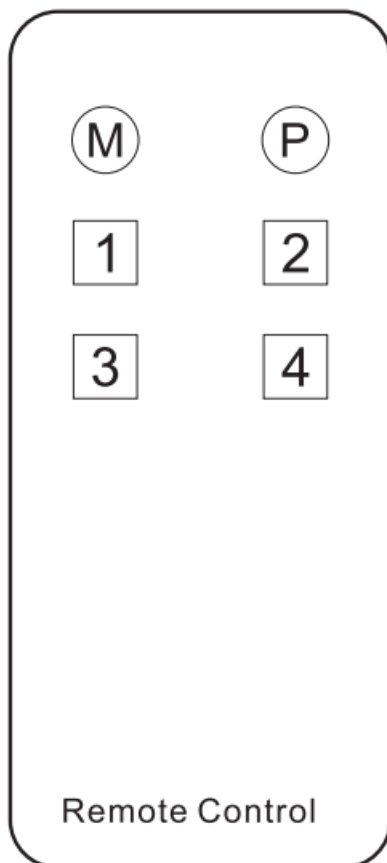
The same if you want to change the hotkey from [Right-Ctrl] to [Scroll Lock], you could do as follows:





Execute hotkey command: [Right-Ctrl]+[Right-Ctrl]+[F1].

- Switch the control hotkey to [Scroll Lock]



## IR Remote Control



Key	Display mode 1	Display mode 2
	Cyclically select PC1 And PC2	Switch to Display mode 1
	Switch to Display mode 2	Swap the desktops of two monitors
	Switch to PC 1	Keyboard And Mouse focus on the desktop of PC 1
	Switch to PC 2	Keyboard and USE focus On The Desktop Of PC 2

**Note:** 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.

#### Verified keyboards and mouse:

Mouse	Model	Keyboard	Model
Logitech	GSOOS	Logitech	G105
Microsoft Wireless Mouse	2000	Microsoft Wireless Mouse	2000
Hewett Packard	M1 00	Dareu	CK535
Zklli	ZM500-5	ME TOO	Z5
FL.SPORTS	G12	Aigo	8362
Aigo	WQ-641	AJAZZ	AK35I
LD K.at	Colorful X80 0	Acer	KB21-2X

**Note:** The above list is part of the verified keyboards and mouse's list with special HID protocol.

#### Warranty information

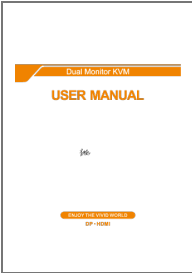
We warrant this product as free of defects in material and workmanship for a period of one (1) year from the date of shipment.

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.

**Documents / Resources**

	<p><a href="#">TESmart HDK0402A1U 2 Port Dual Monitor KVM Switch</a> [pdf] User Manual HDK0402A1U, HDK0402A1U 2 Port Dual Monitor KVM Switch, 2 Port Dual Monitor KVM Switch, Dual Monitor KVM Switch, Monitor KVM Switch, KVM Switch</p>
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