

USB-C KVM Switch

User Manual

2-Port Single & Dual Monitor
Up to 8K Resolution

Product Overview

Thank you for choosing the USB-C KVM Switch.

This USB-C KVM switch allows you to control multiple computers, laptops, or USB-C devices using a single keyboard, mouse, and monitor setup, providing a more efficient and streamlined workspace.

I. Applicable Models:

Single Monitor USB C KVM Switch (2 Port)

Dual Monitor USB C KVM Switch (2 Port)



Single Monitor USB C KVM switches



Dual Monitor USB C KVM switches

II. Product Description:

The single monitor USB-C KVM switch allows you to control two computers or compatible USB-C devices using a single keyboard, mouse, and monitor.

The dual monitor USB-C KVM switch is designed for systems that support dual video output, enabling you to control two computers or laptops with one set of keyboard and mouse while connecting to two monitors for extended or mirrored display.

This KVM switch is ideal for high-resolution applications such as office multitasking, programming, multimedia design, and video editing, optimizing productivity and creating a clutter-free desk.

III. Product Features:

- Control 2 USB-C computers or compatible devices with one keyboard, mouse, and monitor
- Supported Resolutions:
1080p, 2560×1440@160Hz, 4K@144Hz, 5K@60Hz (DSC), 8K@30Hz (DSC)
- Built-in EDID emulation ensures stable and optimal display resolution
- 4 switching methods:
 - Front panel button
 - Wired remote control
 - Keyboard hotkeys
 - Mouse switching
- Multi-platform compatibility:
Windows 10 / MacOS 15 or later,
compatible with Thunderbolt-enabled devices
- Supports plug and play (no driver required)
- Auto detection:
Automatically switches to the next active computer when one is powered off
(disabled by default, can be enabled via hotkey)
- Memory function:
Remembers last active port after power loss
- Auto scan mode:
Monitor connected computers with adjustable interval (8 - 999 seconds)
- 4× USB 3.0 ports with data transfer rates up to 5Gbps
- Independent 3.5mm audio and microphone output

IV. Data sheet

ITEM \ MODEL		Single Monitor KVM	Dual Monitor KVM
KVM output (Console)	Keyboard	1×USB Type A F	
	Monitor	1× USB Type C F	2× USB Type C F
	Mouse	1×USB Type A F	
	Stereo 3.5	3(one of them is for wired remote)	
	USB 3.0 Type A F	4	
Computer (Input)	USB Type C	2	4
DC Socket		DC 5.5x2.5 mm	
Selector Button		1	
Digital Display		1	
Resolution		3840x2160@144Hz, 5120x2880@60Hz (DSC), 8K@30Hz (DSC)	
Scan interval		8 ~ 999 Seconds	
Power Consumption		5V DC, 2.5W	5V DC, 3.5W
Environment	Operating Temperature	0-50℃	
	Storage Temperature	-20-60℃	
	Humidity	0-80%RH, Non-condensing	
Physical	Housing	Metal	
Dimensions	Dimensions (L×W×H)	205 x 75 x 25 mm	200 x 75 x 42 mm

V. Setup Instructions:

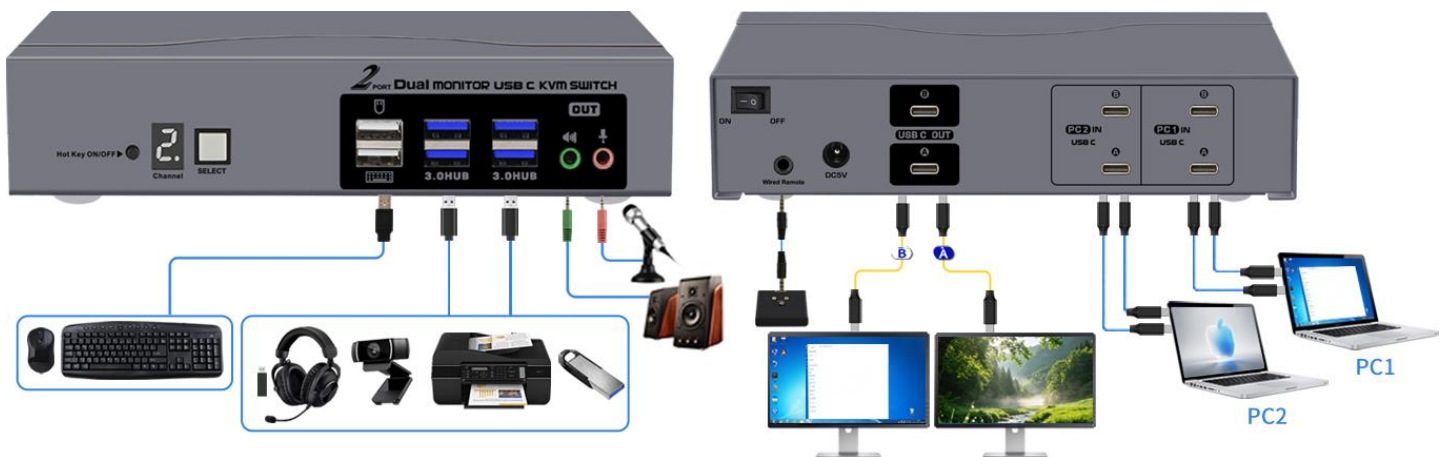
1. Power off all devices.
2. Connect each computer to the corresponding USB-C input port on the KVM switch using the included USB-C cables.
3. Connect your keyboard and mouse to the designated USB keyboard and mouse ports on the KVM. If gaming or mechanical keyboards exhibit lag or limited functionality, please connect them to the USB 3.0 ports instead. Connect your monitor(s) to the KVM switch.
4. Connect speakers or a microphone if needed.
5. Connect the power adapter.
6. Power on the devices in the following order:
KVM switch → Monitor(s) → Computers
7. Configure your display settings (Extend or Duplicate mode) as needed.

VI. Connection Diagram:

I. Single Monitor USB-C KVM Switch



II. Dual Monitor USB-C KVM Switch



- For the dual-monitor model (622T-T), each computer must be connected with two USB-C cables to enable dual-screen output.

Display Note:

- Dual monitor output depends on your compute' s video output capability.
- Computers with dual video output can support extended or mirrored display.
- Computers with a single USB-C output will display the same content on both monitors (mirror mode).

VII. Dual graphics card display settings

Take Windows 10 as an example: Press the Windows key + P on your keyboard, as shown in the



A display options menu will appear. Select “Duplicate” or “Extend” to display content on both monitors.

Note for macOS: This KVM switch supports Extended Display on macOS. Please ensure both USB-C cables are connected from each PC to the KVM switch to enable two independent desktop views.

VIII. Switch Modes:

➤ Button Switch:

Press the button on the front panel to switch between connected computers.



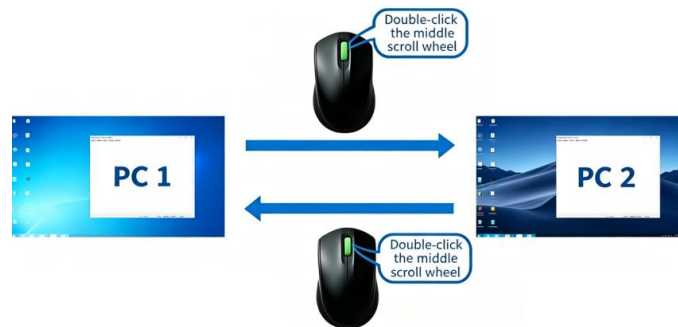
➤ Wired Remote Switching:

Connect the wired remote control to the KVM, then press the button on the remote to switch between computers.



➤ **Mouse Switching (Disabled by default) :**

After enabling the hotkey function: Double-click the mouse scroll wheel within 1 second to switch between computers.



➤ **Keyboard Hotkey Switching (Disabled by default):**

Press the “Hotkey ON/OFF” button on the front panel to enable this function. Once enabled: Press the Right Ctrl key twice to switch between computers.



IX. Hotkey & Mouse Switching Control:

The hotkey function can be enabled or disabled as needed. When the hotkey function is enabled, the LED indicator (dot) on the display is lit.

1. Disable Mouse Switching:

Press Right Ctrl twice, then press M, and then Enter

- Mouse switching will be disabled
- The mouse port will function as a standard USB 2.0 port
- The LED indicator remains ON

2. Disable Keyboard & Mouse Hotkeys:

Press Right Ctrl twice, then press K, and then Enter.

- Both keyboard hotkey and mouse switching functions will be disabled
- The keyboard and mouse ports will function as standard USB 2.0 ports
- The LED indicator will turn OFF

3. Restore Hotkey Function:

Press the “Hotkey ON/OFF” button on the front panel.

- The LED indicator will turn ON
- Hotkey and mouse switching functions will be enabled

X. Hotkey Setting:

The default hotkey is the **Right Ctrl** key (the Ctrl key located on the right side of the keyboard). If the Right Ctrl key conflicts with other keyboard shortcuts, you can change the hotkey to **Num Lock** or **Scroll Lock**.



How to Change the Hotkey:

Double click the right 【Ctrl】 → 【Num lock】 → 【Enter】	Hotkey change to 【Num lock】
Double click the right 【Ctrl】 → left 【Ctrl】 → 【Enter】	Hotkey change to the left 【Ctrl】
Double click the right 【Ctrl】 → 【Scroll Lock】 → 【Enter】	Hotkey change to 【Scroll Lock】
If the hotkey is changed to 【Scroll Lock】 , You want to change it to the left 【Ctrl】 , Then double click 【Scroll Lock】 → the left 【Ctrl】 → 【Enter】	

Example: If the current hotkey is Scroll Lock and you want to change it to the Left Ctrl key, press: Scroll Lock twice → Left Ctrl → Enter

The hotkey will then be changed to Left Ctrl

XI. Keyboard Hotkey Operations:

Hotkey Command	Function Description
[Right Ctrl] → [Right Ctrl]	Switch PC: Toggle between PC1 and PC2
[Right Ctrl] → [Right Ctrl] → [S] → [Enter]	Auto Scan: Turn the Auto Scan function ON or OFF
[Right Ctrl] → [Right Ctrl] → [S] → [N] → [Enter]	Scan Interval: Set interval (8 - 999s, Replace N with seconds)
[Right Ctrl] → [Right Ctrl] → [T] → [Enter]	Auto Detection: Turn signal detection ON or OFF
[Right Ctrl] → [Right Ctrl] → [R] → [Enter]	KVM Reset: Reset to resolve keyboard/mouse issues
[Right Ctrl] → [Right Ctrl] → [Esc] (x3) → [Enter]	Factory Reset: Restore settings to default
[Right Ctrl] → [Right Ctrl] → [Num Lock] → [Enter]	Change the hotkey trigger key to [Num Lock]
[Right Ctrl] → [Right Ctrl] → [Left Ctrl] → [Enter]	Change the hotkey trigger key to [Left Ctrl]
[Right Ctrl] → [Right Ctrl] → [Scroll Lock] → [Enter]	Change the hotkey trigger key to [Scroll Lock]
If the current hotkey is Scroll Lock: Scroll Lock + Scroll Lock+ [Left Ctrl] + Enter	Change the hotkey trigger key from Scroll lock to [left Ctrl]

Notes:

1. N represents the Auto Scan interval and can be set from 8 to 999 seconds.
2. For wireless keyboards and mice, please connect the USB receiver (2.4 GHz or Bluetooth dongle) to the dedicated USB Keyboard port on the KVM switch for optimal compatibility and performance.

XII. Box Contents

- USB-C KVM Switch
- USB-C cables (for computer connections)
- Wired remote control
- Power adapter
- User manual

XIII. FAQ & Trouble Shooting

Q1. Why can't I get extended display or only one monitor is working?

- Verify that your computer's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode) or Thunderbolt.
- Verify by connecting two monitors directly to your computer
- Ensure your display mode is set to "Extend" instead of "Duplicate"

Q2. No display or display issues:

- Check all cable connections or try different cables
- For best performance, Avoid using adapters on both the input (computer) and output (monitor) ends.
- Make sure the resolution and refresh rate are within supported limits
- Try lowering the resolution or refresh rate
- If the issue occurs after working normally: Press Right Ctrl twice, then press ESC three times, and press Enter to reset the KVM (Hotkey must be enabled and keyboard connected to the keyboard port)

Q3: Keyboard or mouse is not working:

- Ensure the USB connections are properly connected to the KVM and computers
- Make sure the KVM is powered on
- If the issue occurs after some time: Press Right Ctrl twice, then press ESC three times, then press Enter to reset
- Refer to Q4 for gaming or special keyboards/mice

Q4. My gaming mouse or mechanical keyboard is not working properly. What should I do? Some gaming or special keyboards/mice may not work properly with the dedicated keyboard and mouse ports. Try the following:

- Press the "Hotkey ON/OFF" button to disable the hotkey function
- The keyboard and mouse ports will function as standard USB ports
- Alternatively, connect your devices to the USB 3.0 ports
- Use the wired remote or front panel button to switch between computers

Q5. How can I disable mouse switching?

- Connect your mouse to one of the USB 3.0 ports OR
- Press Right Ctrl twice, then press M, then press Enter

Q6. I have other issues not listed above:

Please contact our support team. We will respond within 24 hours on business days.