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TCNEWCL 622-KST

TCNEWCL 4K@60Hz 2-Port HDMI KVM Switch User Manual

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1. INTRODUCTION

The TCNEWCL 4K@60Hz 2-Port HDMI KVM Switch is designed to provide efficient control over two computers using a single HD monitor, keyboard, and mouse. This device eliminates the need for multiple peripherals and simplifies your workspace by allowing seamless switching between two host systems. It supports high-resolution video output up to 4K@60Hz, ensuring a clear and smooth visual experience. Additionally, it offers connectivity for up to three USB 2.0 devices, making it a versatile solution for managing your computing environment.

2. PACKAGE CONTENTS

Upon opening the package, you will find the following items:

- 1 x TCNEWCL 2-Port HDMI KVM Switch
- 1 x User Manual
- 1 x Desktop Wired Controller (1.5 meters)
- 2 x HDMI Cables (1.5 meters)
- 2 x USB Cables (1.5 meters)

PACKAGE



Image: The package contents include the KVM switch unit, user manual, desktop controller, two HDMI cables, and two USB cables.

3. PRODUCT FEATURES

- **2-Port HDMI KVM Switch:** Control two computers from a single HD monitor and three USB 2.0 devices.
- **4K@60Hz Visuals:** Supports resolutions up to 3840*2160@60Hz, backward compatible with 3840*2160@30Hz, 1920*1080P@60Hz, and other resolutions. Achieved when display device, computer, and HDMI cable support HDMI 2.0/2.1.
- **High Compatibility:** Compatible with Windows 11/10/8/7/XP, Mac OS, Linux, and DOS systems. Supports various HDMI input sources like PS4, Xbox, set-top boxes, PCs, and laptops. Plug and Play functionality.
- **Multiple USB Device Support:** Features three USB 2.0 ports for connecting peripherals such as keyboards, mice, printers, and U-disks.
- **Metal Heat Dissipation:** Durable metal casing for efficient heat dissipation.
- **Compact Design:** Item dimensions are 5.12 x 2.76 x 0.79 inches, allowing for a tidy workspace.

4. SETUP INSTRUCTIONS

Follow these steps to set up your TCNEWCL 2-Port HDMI KVM Switch:

1. Connect Computers to KVM Switch:

- Connect the first computer (PC1) to the KVM switch using one HDMI cable (PC1 HDMI IN) and one USB cable (PC1 USB IN).
- Connect the second computer (PC2) to the KVM switch using the second HDMI cable (PC2 HDMI IN) and the second USB cable (PC2 USB IN).

2. Connect Monitor to KVM Switch: Connect your HD monitor to the HDMI OUT port on the KVM switch using an HDMI cable.

3. Connect Peripherals to KVM Switch: Plug your keyboard, mouse, and any other USB 2.0 devices (e.g., printer, U-disk) into the USB OUT ports on the KVM switch.

4. Connect Desktop Controller: Plug the wired desktop controller into the 'KEY' port on the KVM switch. This allows for convenient remote switching.

5. Power On: Ensure all connections are secure, then power on your computers and monitor. The KVM switch is plug-and-play and typically does not require additional drivers.

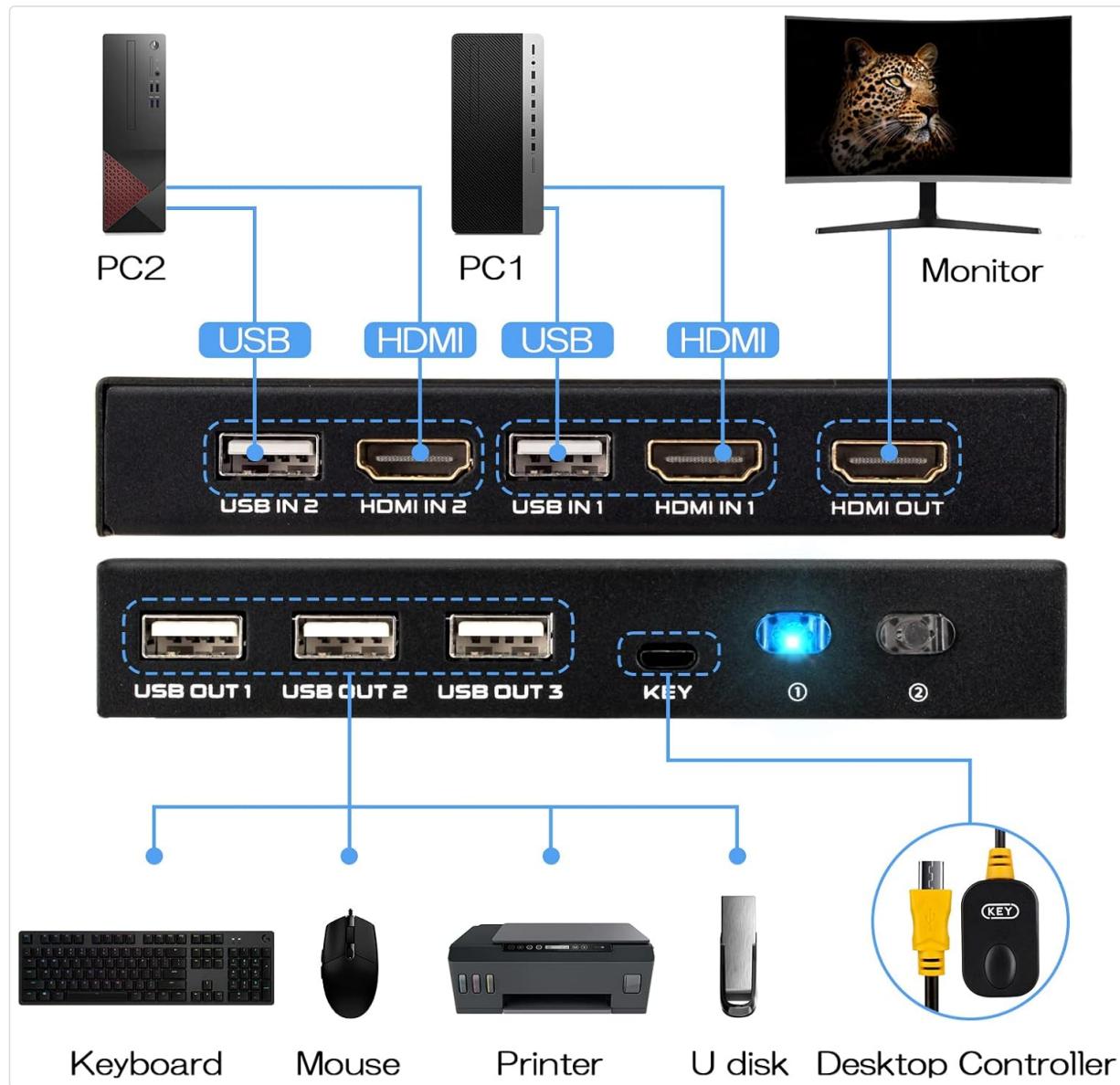


Image: A detailed diagram illustrating how to connect two PCs, a monitor, and multiple USB devices to the KVM switch.

Your browser does not support the video tag.

Video: This video demonstrates the setup process for connecting two computers to one monitor, keyboard, and mouse using the KVM switch.

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Video: A visual guide showcasing the features and connectivity of the 2-Port HDMI 4K@60Hz KVM Switch.

5. OPERATING INSTRUCTIONS

The KVM switch offers two convenient methods for switching between connected computers:

- Button Switch:** Press the 'Switch' button located on the top of the KVM unit to toggle between PC1 and PC2. An LED indicator will illuminate to show which computer is currently active.
- Desktop Wired Controller:** Use the included 1.5-meter wired desktop controller for remote switching. Simply press the button on the controller to switch between PC1 and PC2. This allows you to hide the KVM switch and cables for a tidier desk.



Image: Illustration of the two switching methods: directly pressing the button on the KVM unit or using the external desktop controller.

TIDY & CLEAN DESK

Switch between 2 Hosts freely and control with 1 set of mouse and keyboard



After

Before

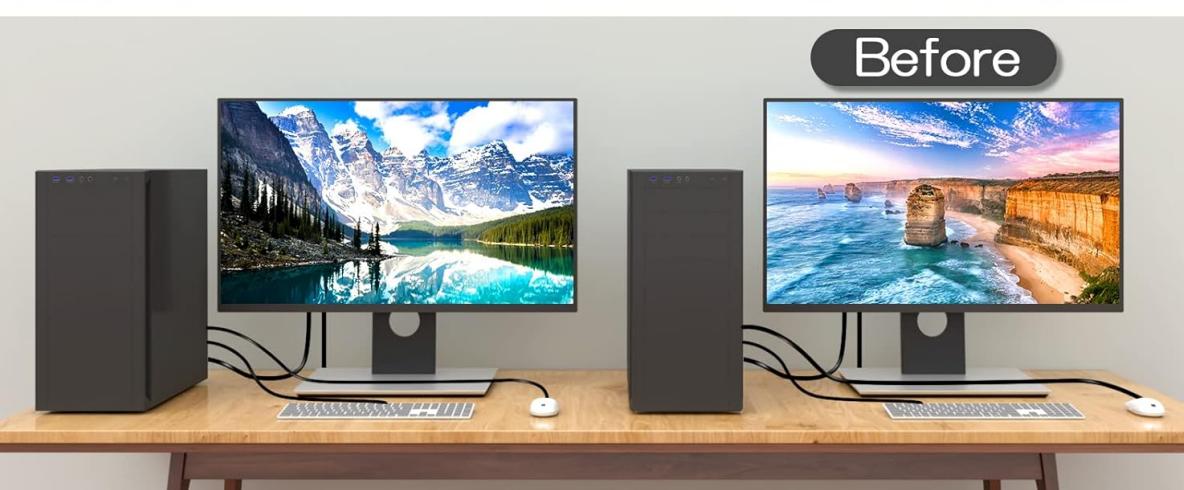


Image: A visual comparison showing a cluttered desk before using the KVM switch and a clean, organized desk after implementation.

6. TROUBLESHOOTING

If you encounter issues with your KVM switch, please refer to the following common troubleshooting steps:

- **No Display/Flickering Screen:**

- Ensure all HDMI cables are securely connected to both the KVM switch and your computers/monitor.
- Verify that your monitor, computers, and HDMI cables all support the desired resolution (e.g., 4K@60Hz) and HDMI 2.0/2.1 standards.
- Try using shorter, high-quality HDMI cables if issues persist.

- **Keyboard/Mouse Not Responding:**

- Ensure the USB cables from your computers are correctly connected to the KVM switch (PC1 USB IN, PC2 USB IN).
- Verify your keyboard and mouse are plugged into the correct USB OUT ports on the KVM switch.

- Some wireless keyboards/mice with special drivers may require direct connection to the computer or a powered USB hub.
- If using a Mac, you might encounter a "Keyboard Setup Assistant" pop-up. Simply quit this application as your keyboard should function correctly.

- **Switching Issues:**

- Confirm the desktop controller is properly connected to the 'KEY' port.
- Ensure both computers are powered on and active.
- If the KVM switch becomes unresponsive, try disconnecting and reconnecting the power source (USB-C 5V IN) to reset the device.

7. SPECIFICATIONS

Feature	Detail
Model Number	622-KST
Brand	TCNEWCL
Connectivity Protocol	HDMI
Video Resolution	Up to 4K@60Hz (3840*2160@60Hz)
Backward Compatibility	3840*2160@30Hz, 1920*1080P@60Hz, etc.
USB Ports	3 x USB 2.0 (Output)
Input Ports	2 x HDMI IN, 2 x USB IN
Output Ports	1 x HDMI OUT, 3 x USB OUT
Switching Methods	Button on unit, Wired Desktop Controller
Compatible Devices	2 computers, PS4, Xbox, set-top box, PC, laptop, 1 HD monitor
Operating System Compatibility	Windows 11/10/8/7/XP, Mac OS, Linux, DOS
Material	Metal
Item Dimensions (LxWxH)	5.12 x 2.76 x 0.79 inches
Item Weight	1.41 pounds
Power Input	5V (via USB-C port)

8. WARRANTY AND SUPPORT

TCNEWCL products are designed for reliability and performance. For any questions or assistance with your KVM switch, please contact TCNEWCL customer support. Refer to the product packaging or the official TCNEWCL website for specific warranty details and contact information.

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