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› KCEVE KVM Switch User Manual

KCEVE KCEVE-KVM201A

KCEVE KVM Switch User Manual

Model: KCEVE-KVM201A

For 1 Monitor, 2 Computers, and 4 USB 3.0 Devices

INTRODUCTION

The KCEVE KVM Switch is designed to allow two computers to share one HDMI monitor and up to four USB 3.0 devices, including a keyboard, mouse, printer, or scanner. This device simplifies your workspace by eliminating the need for multiple peripherals for different computers, enhancing efficiency and reducing clutter. It supports high-resolution video up to 4K@60Hz and offers ultra-fast USB 3.0 data transfer speeds.

PACKAGE CONTENTS



Image: KVM Switch, wired remote, two USB cables, one HDMI cable, and user manual.

- 1 x KCEVE KVM Switch (Model: KCEVE-KVM201A)
- 1 x Wired Remote Control Cable (1.5m)
- 2 x USB 3.0 A-to-A Cables (1.5m)
- 1 x HDMI Cable (1.5m)
- 1 x User Manual
- *Note: A USB power adapter is not included and may be required for stable operation, especially with high-power USB devices or long cable runs.*

Key Features

- **HDMI KVM Switch 2 Computers Share 1 Monitor and 4 USB 3.0:** Allows two computers to share one HDMI display and up to four USB 3.0 devices (mouse, keyboard, printer, scanner, webcam). Supports ultra-fast transfer rates up to 5Gbps, 10 times faster than USB 2.0.

- **UHD 4K Visual Enjoyment:** Supports video resolutions up to 4K@60Hz, and is backward compatible with 1920x1080@60Hz and lower resolutions. Compliant with HDMI 2.0 standard. *Note: Using 8K cables is recommended to prevent flickering or black screen issues.*
- **Two Switching Modes:** Easily switch between computers using the button on the KVM switcher or the included 1.5m wired remote controller. LED indicators clearly show the active computer.
- **Great Compatibility & Wide Application:** Compatible with PC, Laptop, TV Box, Apple TV, PS5, projectors, and other HDMI input devices. Supports Windows XP/7/8/10/Vista, Chrome, Linux, MAC OS 8.6 or higher. Suitable for office work, media teaching, video conferencing, gaming, and home theaters.
- **Simulation EDID Lock Screen:** Features EDID simulation to store the display's original resolution and refresh rate. This prevents changes to window order when switching between computer hosts.
- **Stable Connection & Durable Design:** Constructed with a high-quality metal case for durability, resistance to drops, high temperatures, corrosion, and oxidation. Effectively isolates external signal interference for improved transmission efficiency.

SETUP INSTRUCTIONS

1. Step 1: Connect the Monitor

Connect your HDMI monitor to the "Monitor" HDMI output port on the KVM switch using an HDMI cable. Ensure the monitor is powered on.

KVM Switch HDMI 2 Ports



Image: KVM Switch setup with monitor, two PCs, keyboard, and mouse.

2. Step 2: Connect Computers (PC1 & PC2)

For each computer (PC1 and PC2):

- Connect an HDMI cable from the computer's HDMI output to the corresponding "PC1" or "PC2" HDMI input port on the KVM switch.
- Connect a USB 3.0 A-to-A cable from a USB 3.0 port on the computer to the corresponding "PC1" or "PC2" USB 3.0 input port on the KVM switch. This connection is crucial for keyboard, mouse, and other USB device functionality.

USB 3.0 KVM Switch 2 Computers 1 Monitor HDMI



Image: Detailed connection diagram showing HDMI and USB cables from PCs to the KVM switch, and USB peripherals connected to the switch.

3. Step 3: Connect USB Peripherals

Connect your keyboard, mouse, printer, U disk, or other USB 3.0 devices to the four USB 3.0 output ports on the KVM switch.

4. Step 4: Connect Wired Remote (Optional)

If desired, connect the wired remote control cable to the "SELECT" port on the KVM switch. This allows for convenient switching from a distance.

5. Step 5: Power Connection (If needed)

While the KVM switch can often draw power from the HDMI and USB connections, for optimal stability, especially with high-resolution displays or multiple power-hungry USB devices, connect a 5V USB power adapter (not included) to the USB-C power input port on the KVM switch.

OPERATING INSTRUCTIONS

Switching Between Computers

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

- **Front Panel Button:** Press the "Switch Button" located on the top of the KVM switch to toggle between PC1 and PC2. The LED indicators (1 and 2) will illuminate to show which computer is currently active.
- **Wired Remote Control:** Press the button on the 1.5m wired remote control to switch between PC1 and PC2. This is ideal for setups where the KVM switch itself is not easily accessible.



Image: Demonstrates switching methods using the main button on the KVM and the wired remote control.

EDID Emulation Function

This KVM switch incorporates an EDID (Extended Display Identification Data) emulator. This feature ensures that when you switch between computers, the display settings (resolution, refresh rate, window arrangement) on the inactive computer remain consistent. This prevents issues like windows resizing or rearranging when the display signal is re-established.

Support EDID Emulator

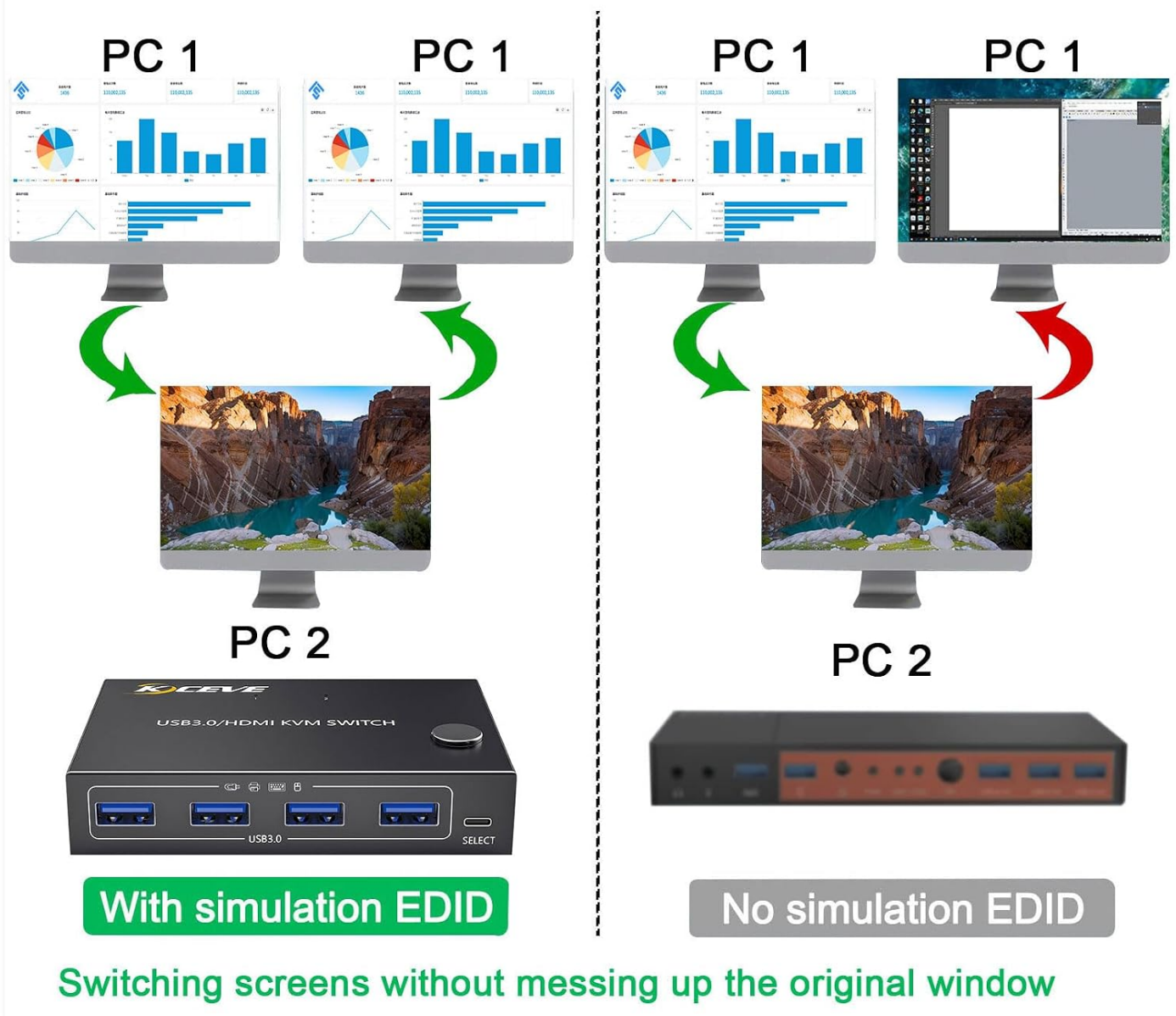


Image: Comparison of KVM with and without EDID simulation, illustrating how EDID prevents screen rearrangement.

TROUBLESHOOTING

• No Display/Flickering Screen:

- Ensure all HDMI cables are securely connected.
- Verify that your monitor and computers support the selected resolution (e.g., 4K@60Hz).
- Try using high-quality 8K-rated HDMI cables, as recommended by the manufacturer, to ensure stable signal transmission.
- Connect an external 5V USB power adapter to the KVM switch's USB-C port for additional power stability.

• Keyboard/Mouse Not Working:

- Ensure the USB 3.0 A-to-A cables are securely connected from both computers to the KVM switch.
- Try connecting the keyboard and mouse to different USB ports on the KVM switch.

- Some specialized gaming keyboards/mice with high power requirements or complex drivers may not be fully compatible. Try a standard keyboard/mouse to test.
- Ensure the KVM switch has sufficient power, especially if using multiple USB devices.
- **Windows Rearrange/Resize After Switching:**
 - This KVM switch has EDID emulation to prevent this. Ensure your computer's display settings are configured correctly and that the KVM switch is receiving proper power.
 - If the issue persists, try updating your graphics drivers on both computers.
- **Slow USB Transfer Speeds:**
 - Ensure you are using USB 3.0 compatible devices and cables.
 - Verify that the USB 3.0 A-to-A cables are connected to USB 3.0 ports on your computers (typically blue colored ports).

SPECIFICATIONS

Model Number	KCEVE-KVM201A
Product Dimensions	4 x 2.6 x 0.7 inches (10 x 6.6 x 2 cm)
Item Weight	12.64 ounces (358.3 grams)
Video Resolution	Up to 4K@60Hz (backward compatible with 1080p@60Hz and lower)
HDMI Standard	HDMI 2.0
USB Standard	USB 3.0 (up to 5Gbps)
Input Ports	2 x HDMI, 2 x USB 3.0 (Type-A)
Output Ports	1 x HDMI, 4 x USB 3.0 (Type-A)
Switching Method	Button on device, Wired Remote Control
Power Supply	USB-C 5V (adapter not included)
Material	Metal Casing
Operating Voltage	5 Volts
Current Rating	1 Amps
Compatibility	Windows XP/7/8/10/Vista, Chrome, Linux, MAC OS 8.6+

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the KVM switch. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure cables are not excessively bent or tangled to prevent damage and maintain signal integrity.
- **Ventilation:** Do not block the ventilation holes on the device to prevent overheating.

WARRANTY AND SUPPORT

KCEVE provides lifetime technical support for this KVM switch. If you encounter any issues or have questions regarding the product, please contact our professional support team. Refer to the contact information provided with your purchase or visit the official KCEVE website for assistance.

For warranty claims, please retain your proof of purchase. The warranty covers manufacturing defects under normal use conditions.

