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› KCEVE KVM Switch (Model KVM8201-C) User Manual

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Connect two computers to one monitor, keyboard, and mouse.

1. PRODUCT OVERVIEW

The KCEVE KVM Switch allows you to control two computers using a single set of keyboard, mouse, and monitor. This device supports high-resolution video up to 8K@60Hz and 4K@120Hz, complying with HDMI 2.1, HDCP 2.3, and HDR 10 standards. It features three integrated USB 3.0 ports for connecting peripherals and offers two convenient switching methods.

KVM Switch 2 Computers 1 Monitor HDMI



Image 1.1: KVM Switch in a typical desktop setup, connecting a laptop and a desktop PC to a single monitor.

Key Features:

- **2-Port KVM Functionality:** Control two computers with one monitor, keyboard, and mouse.
- **High Resolution Support:** Up to 8K@60Hz, 4K@120Hz, 4K@60Hz, 2K@144Hz, and 1080P@144Hz.
- **Advanced HDMI Standards:** Compatible with HDMI 2.1, HDCP 2.3, and HDR 10.
- **USB 3.0 Connectivity:** Three USB 3.0 ports for peripherals with 5Gbps data transfer speed.
- **Dual Switching Methods:** Switch via a button on the device or a 1.5m wired remote control.
- **Wide Compatibility:** Supports Windows, Vista, Mac OS, Linux, and Chrome OS systems.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x KCEVE 8K HDMI 2.1 KVM Switch
- 2 x USB 3.0 Cables (1.5m each)
- 1 x Wired Remote Control (1.5m)

- 1 x DC Power Supply
- 1 x User Manual

Packing List



1 x 8K USB 3.0 HDMI 2.1 KVM Switch
1 x Wired Remote 1.5m
2 x USB 3.0 Cables 1.5m
1 x User Manual

Image 2.1: All components included in the KVM Switch package.

3. SETUP INSTRUCTIONS

Follow these steps to connect your KVM switch:

1. **Power Off Devices:** Ensure both computers and your monitor are powered off before making any connections.
2. **Connect Monitor:** Connect your monitor to the KVM Switch's HDMI OUT port using an HDMI cable.
3. **Connect Computer 1:**
 - Connect Computer 1's HDMI output to the KVM Switch's **PC 1 HDMI IN** port.
 - Connect Computer 1's USB 3.0 port to the KVM Switch's **PC 1 USB 3.0 IN** port using one of the provided USB 3.0 cables.
4. **Connect Computer 2:**

- Connect Computer 2's HDMI output to the KVM Switch's **PC 2 HDMI IN** port.
 - Connect Computer 2's USB 3.0 port to the KVM Switch's **PC 2 USB 3.0 IN** port using the second provided USB 3.0 cable.
5. **Connect Peripherals:** Connect your keyboard, mouse, and any other USB 3.0 devices (e.g., USB flash drive, printer) to the three **USB 3.0 ports** on the front of the KVM Switch.
 6. **Connect Power Adapter:** Plug the DC power supply into the KVM Switch's power input port and then into a wall outlet.
 7. **(Optional) Connect Wired Remote:** If desired, connect the wired remote control to the dedicated port on the KVM Switch.
 8. **Power On:** Power on your monitor, then power on your computers. The KVM switch is plug-and-play and does not require additional drivers.

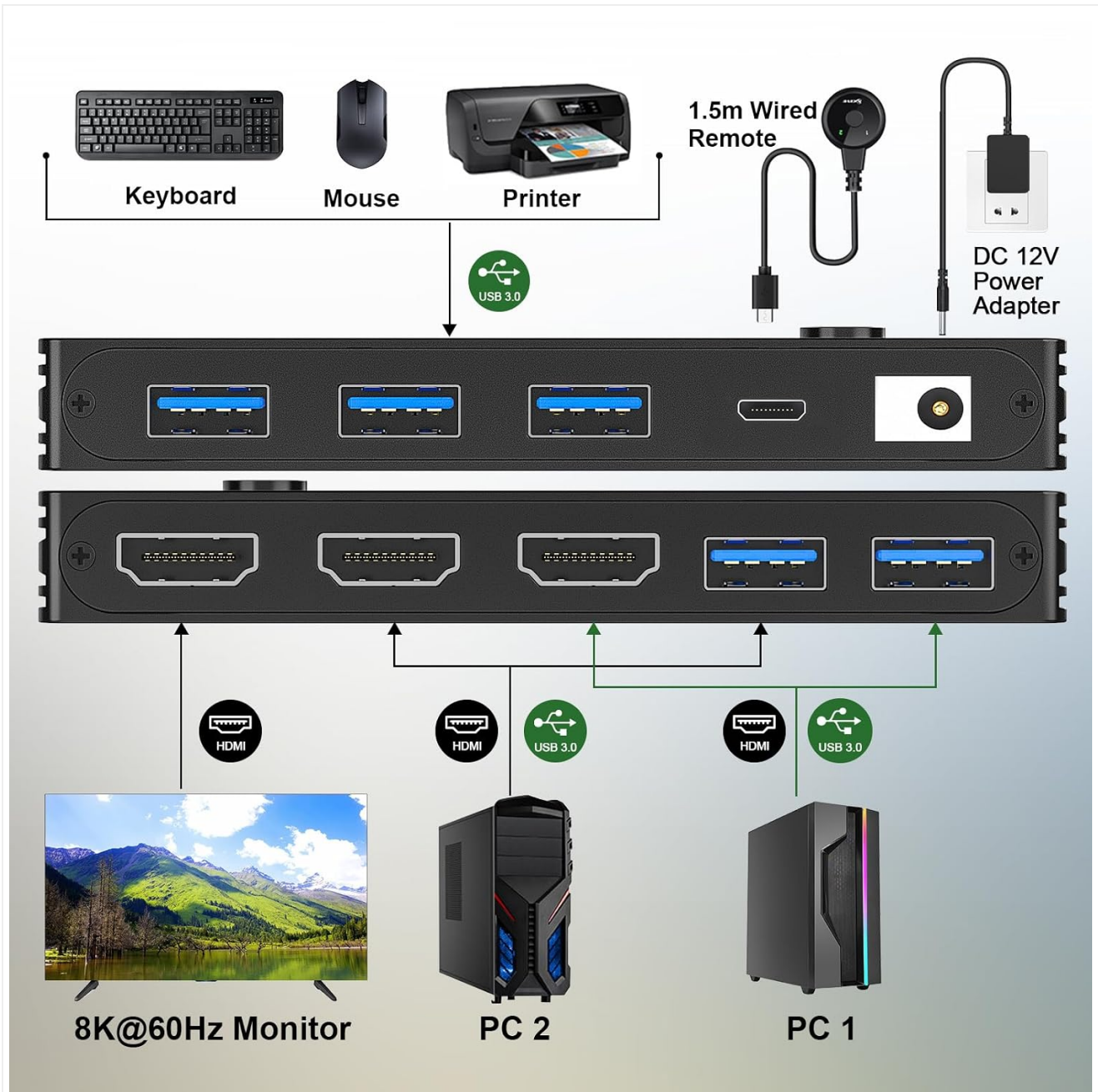


Image 3.1: Connection diagram illustrating how to set up the KVM Switch with two computers and one monitor.

Important Note for 8K/4K Resolution: To ensure optimal performance and prevent flickering or black screen issues, please use high-quality 8K HDMI cables that are less than 1 meter in length. Verify that your computers, monitor, and all cables support the desired 8K or 4K resolution.

4. OPERATING INSTRUCTIONS

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

4.1. Button Switching

Press the **SELECT** button located on the top of the KVM Switch to toggle between Computer 1 and Computer 2. An LED indicator will illuminate to show which computer is currently active.

4.2. Wired Remote Control

If you have connected the wired remote control, simply press the button on the remote to switch between computers. This allows for convenient switching if the KVM unit is placed out of direct reach.

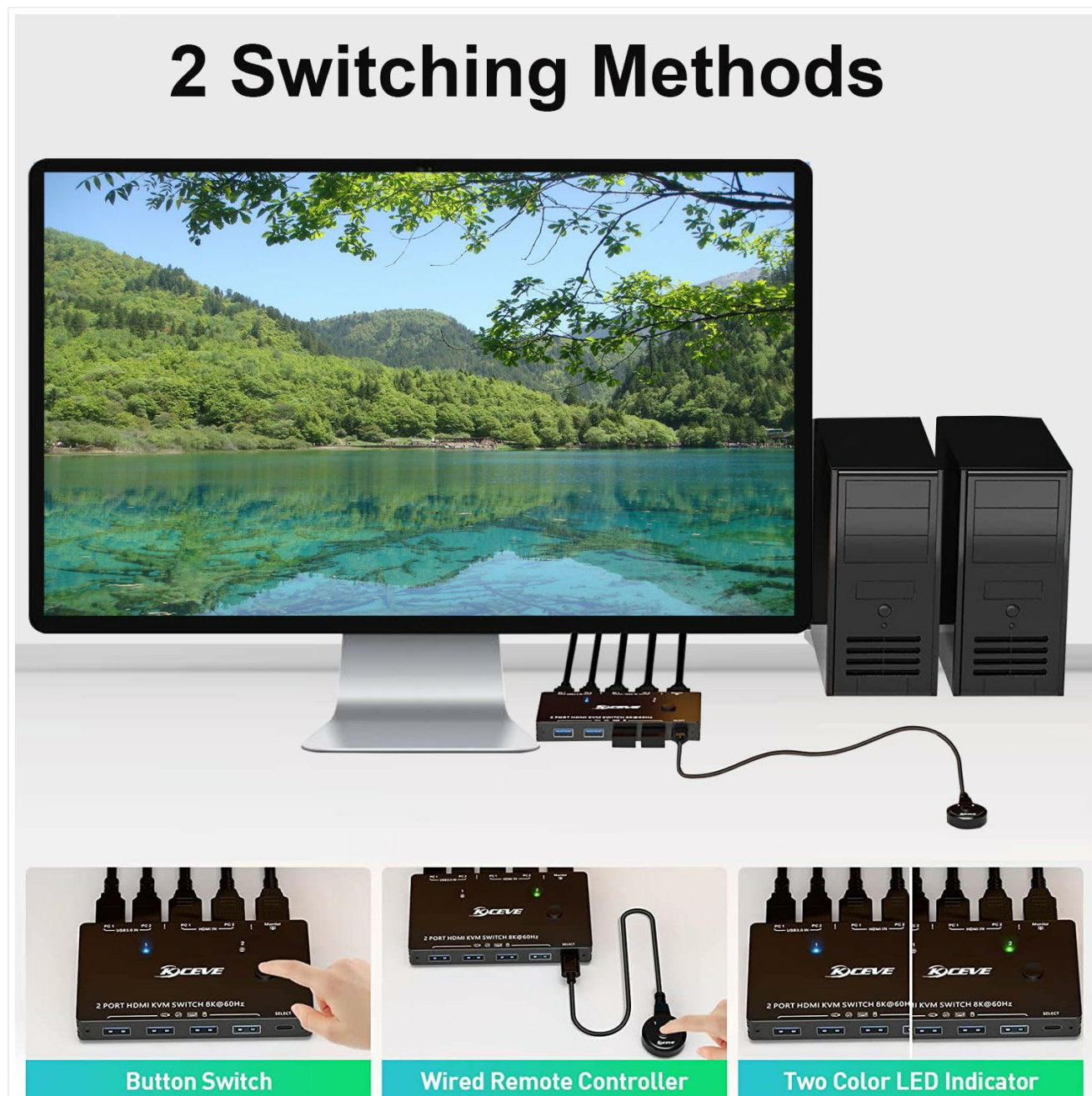


Image 4.1: Visual representation of the button switch and wired remote control for switching between computers.

4.3. LED Indicators

The KVM Switch features LED lights that clearly indicate which computer is currently selected and active. This provides immediate visual feedback on the device's status.

5. MAINTENANCE

To ensure the longevity and optimal performance of your KCEVE KVM Switch, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Storage:** Store the KVM switch in a cool, dry place away from direct sunlight, excessive heat, or moisture.
- **Cable Management:** Ensure cables are not excessively bent or strained, which can lead to damage over time.
- **Power Disconnection:** If the device will not be used for an extended period, disconnect it from the power supply.

6. TROUBLESHOOTING

If you encounter issues with your KVM Switch, please refer to the following common problems and solutions:

- **No Display or Flickering Screen:**
 - Ensure all HDMI cables are securely connected.
 - Verify that your monitor, computers, and all HDMI cables support the desired resolution (e.g., 8K or 4K).
 - For 8K resolutions, use high-quality HDMI 2.1 cables that are less than 1 meter in length. Longer or lower-quality cables can cause signal degradation.
 - Try restarting the KVM switch and connected devices.
- **Keyboard/Mouse Not Responding:**
 - Ensure the USB 3.0 cables from both computers are correctly connected to the KVM Switch's **USB 3.0 IN** ports.
 - Verify that your keyboard and mouse are connected to the KVM Switch's **USB 3.0 ports**.
 - Some specialized gaming keyboards/mice or those requiring specific drivers may not function optimally through a KVM switch. Try a standard keyboard/mouse to isolate the issue.
 - Bluetooth mice are not supported by this KVM switch.
- **Windows Rearranges Icons/Windows After Switching:**
 - This KVM switch does not feature EDID emulation. When you switch away from a computer, Windows may detect the monitor as disconnected, causing it to rearrange open applications and desktop icons. This is expected behavior for KVMs without EDID emulation.
- **USB 3.0 Devices Not Detected or Slow:**
 - Ensure the KVM switch is powered by the included DC power adapter, especially when connecting power-hungry USB devices.
 - Verify that the USB 3.0 cables are properly connected.
- **No Power to KVM Switch:**
 - Check that the DC power adapter is securely connected to both the KVM switch and a working power outlet.
 - Ensure the power switch on the KVM (if present) is in the 'ON' position.

7. SPECIFICATIONS

Detailed technical specifications for the KCEVE KVM Switch (Model KVM8201-C):

Feature	Specification
Model	KVM8201-C

Feature	Specification
Connectivity Protocol	HDMI 2.1, USB 3.0
Max Resolution	8K@60Hz, 4K@120Hz, 4K@60Hz, 2K@144Hz, 1080P@144Hz
HDCP Support	HDCP 2.3
HDR Support	HDR 10
USB Data Transfer Speed	5Gbps (USB 3.0)
Input Ports	2 x USB 3.0, 2 x HDMI 2.1
Output Ports	1 x HDMI, 3 x USB 3.0
Switching Methods	Button Switch, Wired Remote Control
Operating Voltage	12 Volts
Wattage	12 watts
Material	Metal
Dimensions (L x W x H)	4.2 x 2.6 x 0.6 inches
Item Weight	0.27 Pounds
Compatible Devices	PC, laptop, Apple Mini Box, PS5, Monitor, TV, Projector, mouse, keyboard, USB flash drive, printer

Up to 8K@60Hz 4K@120Hz Resolution

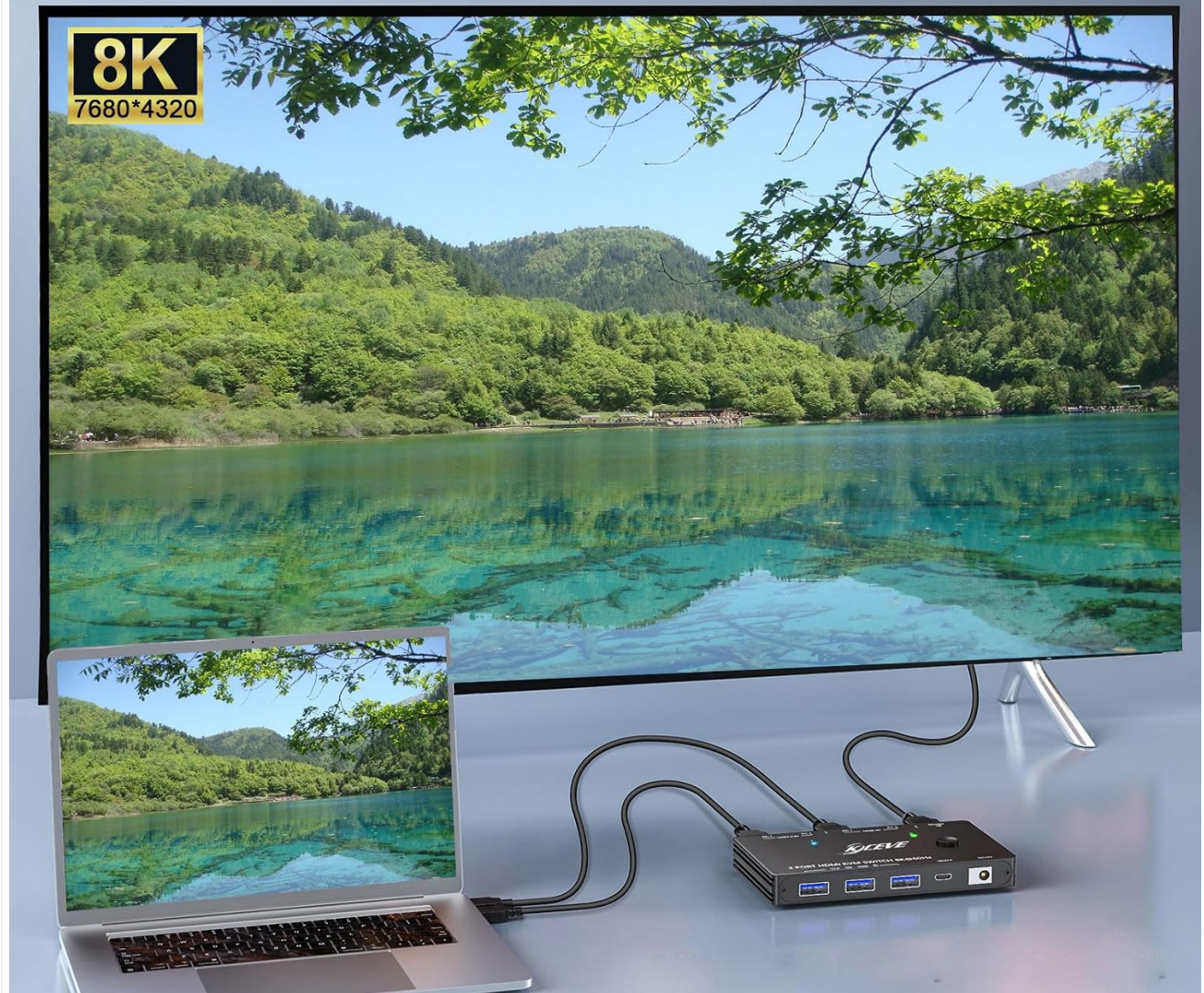


Image 7.1: The KVM Switch supports resolutions up to 8K@60Hz.



USB 3.0 up to 5Gbps



10 X faster than USB 2.0

5Gbps

USB 3.0

USB 2.0

480Mbps

Image 7.2: USB 3.0 ports on the KVM Switch provide high-speed data transfer.

Wide Compatibility

Applies to most systems



Windows



Vista



Chrome



Linux



Mac OS



Connect 4 USB Devices



Keyboard



Mouse



U Disk



Printer

Image 7.3: The KVM Switch offers wide compatibility with various operating systems.

8. WARRANTY AND SUPPORT

KCEVE provides a **12-month after-sales service** for this KVM Switch. If you encounter any product or technical problems, please contact KCEVE customer support for assistance.

For support, please refer to the contact information provided with your purchase or visit the official KCEVE website.