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> Alxum 2-in-1 Out 4K HDMI KVM Switch User Manual (Model SJW-KM201B)

Alxum SJW-KM201B

Alxum 2-in-1 Out 4K HDMI KVM Switch User Manual

Model: SJW-KM201B

INTRODUCTION

The Alxum 2-in-1 Out 4K HDMI KVM Switch allows you to control two computers using a single set of keyboard, mouse, and monitor. This device supports 4K@60Hz resolution, 5Gbps USB 3.0 data transfer, and offers dual switching modes for efficient workflow management. It is compatible with Windows, macOS, and Linux operating systems.

PACKAGE CONTENTS

Package Contents:

1* HDMI 4K@60Hz USB3.0 2x1 KVM Switch

1* Handheld Controller

2* USB3.0 A to A Cable

1* 5V2A Power Adapter

1* English User Manual

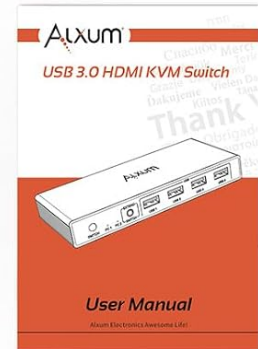
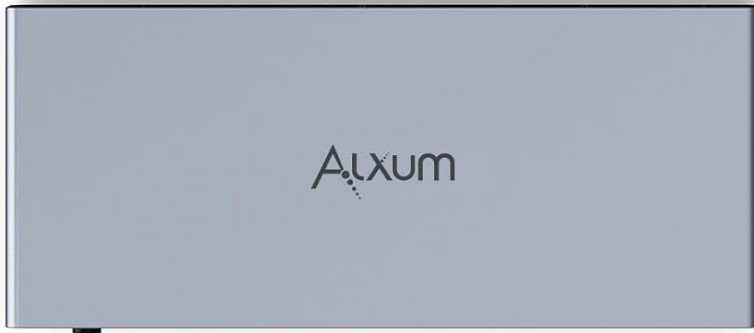


Image: Contents of the Alxum 2-in-1 Out 4K HDMI KVM Switch package.

- 1 x Alxum 2-in-1 Out 4K HDMI KVM Switch (Model: SJW-KM201B)
- 1 x Handheld Controller
- 1 x 5V 2A Power Adapter
- 2 x USB 3.0 A to USB A Cables
- 1 x English User Manual

PRODUCT OVERVIEW AND PORTS

Familiarize yourself with the KVM switch's ports and indicators before setup.

2 IN 1 Out HDMI KVM Switch



Image: Front and rear view of the Alxum KVM Switch with labeled ports and connections.

Front Panel:

- **SWITCH Button:** Press to switch between PC1 and PC2.
- **PC1/PC2 LED Indicators:** Show which computer is currently selected.
- **EXTEND Port:** For connecting the handheld controller.
- **USB 1-4 Ports (USB 3.0):** For connecting keyboard, mouse, USB drives, printers, etc.

Rear Panel:

- **HDMI 1 IN / HDMI 2 IN:** Connect to the HDMI output of PC1 and PC2 respectively.
- **USB 1 / USB 2 (PC IN):** Connect to the USB 3.0 ports of PC1 and PC2 respectively. These transmit USB data for shared peripherals.
- **HDMI OUT:** Connect to your monitor.
- **DC 5V Port:** Connect the included 5V 2A power adapter.

SETUP INSTRUCTIONS

- 1. Power Connection:** Connect the included 5V 2A power adapter to the DC 5V port on the KVM switch and plug it into a power outlet. This is essential for stable performance, especially with high-power USB devices.
- 2. Monitor Connection:** Connect your monitor to the **HDMI OUT** port on the KVM switch using an HDMI cable. Ensure your monitor supports 4K resolution if you intend to use 4K@60Hz.
- 3. Computer 1 Connection:**
 - Connect an HDMI cable from your first computer's HDMI output to the **HDMI 1 IN** port on the KVM switch.
 - Connect one of the included USB 3.0 A to A cables from your first computer's USB 3.0 port to the **USB 1 (PC IN)** port on the KVM switch.
- 4. Computer 2 Connection:**
 - Connect an HDMI cable from your second computer's HDMI output to the **HDMI 2 IN** port on the KVM switch.
 - Connect the second included USB 3.0 A to A cable from your second computer's USB 3.0 port to the **USB 2 (PC IN)** port on the KVM switch.
- 5. Peripheral Connection:** Connect your keyboard, mouse, USB drives, printer, or other USB peripherals to the **USB 1-4** ports on the front panel of the KVM switch.
- 6. Handheld Controller (Optional):** Connect the handheld controller to the **EXTEND** port for remote switching.
- 7. Initial Power On:** Once all connections are secure, power on your computers. The KVM switch is plug-and-play; no drivers are required.

Plug and Play, Easy to connect, With No complicated Setup Required.



Supports



Windows



Mac



Linux

Image: The KVM switch connected to a laptop and a desktop, demonstrating plug-and-play setup and compatibility with Windows, Mac, and Linux.

OPERATING INSTRUCTIONS

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

1. Front Panel Button:

Press the **SWITCH** button on the front panel of the KVM device to toggle between PC1 and PC2. The corresponding LED indicator (PC1 or PC2) will illuminate to show which computer is active.

2. Handheld Controller:

If connected, press the button on the handheld controller to switch between PC1 and PC2. This provides convenient remote switching.



Just a Simple Press, and you can Seamlessly Switch Between TWO Pcs



LED Indicator Design for Clear and Immediate Status

(When All Ports of PC 1 IN and PC 2 IN are connected, the LED indicators will all light up)



NOTE: The KVM Switch Requires a Power Connection.

Image: Demonstrates switching between computers using the device button and the handheld controller. Note: All ports for PC1 and PC2 must be connected for LED indicators to light up.

Important Note: When switching between computers, there may be a brief delay (2-3 seconds) for the display to synchronize. This is normal operation for KVM switches.

KEY FEATURES

- **4K Ultra HD Resolution:** Supports resolutions up to 3840x2160@60Hz, HDCP, and HDMI 2.0/1.4 for clear and vibrant visuals. A 4K-compatible HDMI cable and monitor are recommended for optimal performance.
- **Ultra-Fast USB 3.0 Data Transfer:** Features USB 3.0 ports with speeds up to 5Gbps, allowing quick transfer of large files and efficient use of peripherals. Backward compatible with USB 2.0 devices.
- **Dual Switching Modes:** Seamlessly switch between two computers using either the button on the KVM device or the included handheld remote control.
- **Plug-and-Play Simplicity:** No driver installation required. The device is ready to use upon connection.
- **Built-in ESD Protection:** Integrated Electrostatic Discharge (ESD) protection helps prevent damage to connected

equipment, ensuring system safety.

- **Automatic Signal Optimization:** Ensures stable and flicker-free visuals across different devices.
- **LED Indicators:** Provide clear status updates on which computer is currently active.
- **Wide Compatibility:** Works with Windows, macOS, and Linux operating systems.

TOP-TIER VISUAL EXPERIENCE

The perfect combination of 4K HDCP and an auto-equalization system delivers a smooth, crystal-clear, and incredibly stable premium visual enjoyment



Image: Comparison of display resolutions, highlighting the 4K Ultra HD capability of the KVM switch.

5Gbps high-speed file transfer

Easily manage multiple devices, combining convenience and efficiency

USB3.0	5Gbps
USB2.0	480mbps



Image: Illustration of 5Gbps high-speed file transfer via USB 3.0 ports.

BUILT-IN ESD PROTECTION CIRCUIT

Effectively prevents electrostatic damage to equipment, ensuring comprehensive system safety

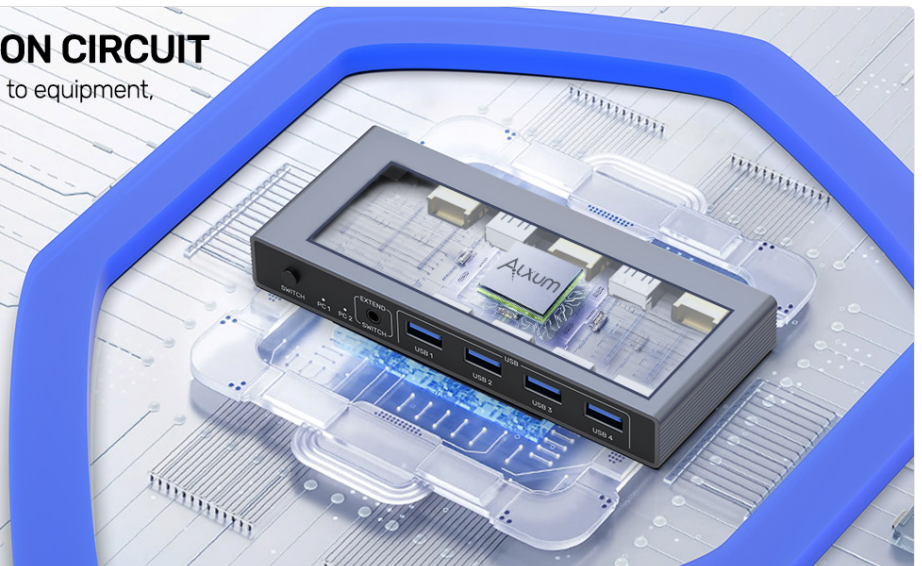
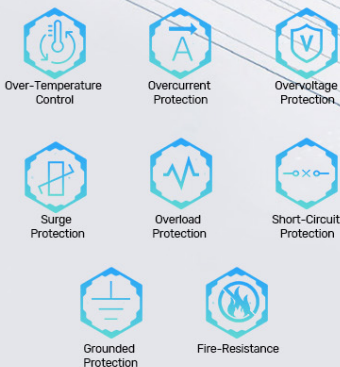


Image: Diagram detailing the built-in ESD protection circuit and its various safety features.

SPECIFICATIONS

Feature	Specification
Model Number	SJW-KM201B
Product Dimensions	14 x 6 x 2 cm
Weight	460 g
Material	Aluminum
Video Input	2 x HDMI (HDMI 2.0/1.4, HDCP)
Video Output	1 x HDMI
Max Resolution	4K@60Hz (3840x2160@60Hz)
USB Data Ports	4 x USB 3.0 (up to 5Gbps)
USB PC Input	2 x USB 3.0 A to A
Switching Modes	Button on device, Handheld Controller
Power Adapter	DC 5V 2A
Operating Voltage	5 Volts
Current Rating	2 Amps
Compatible OS	Windows, macOS, Linux
Certifications	CE, FCC, UL
Country of Origin	China

TROUBLESHOOTING

• No Display / Flickering Screen:

- Ensure all HDMI cables are securely connected and are 4K compatible if using 4K resolution.
- Verify the KVM switch is powered by the included 5V 2A adapter.
- Check if the monitor input is set to the correct HDMI port.
- Try restarting the KVM switch and both connected computers.
- Remove any transparent protective film from the KVM switch if present, as it can affect display quality.

• Keyboard/Mouse Not Responding:

- Ensure the USB 3.0 A to A cables are securely connected from both computers to the KVM switch's PC IN ports.
- Try connecting the keyboard/mouse directly to the computer to confirm they are functional.
- Connect the keyboard/mouse to different USB ports on the KVM switch.
- Some specialized gaming keyboards/mice may require direct connection to the computer or specific drivers.

• USB Devices Not Detected:

- Confirm the KVM switch is powered by the 5V 2A adapter, especially for high-power USB devices like external hard drives.
- Ensure the USB 3.0 A to A cables are correctly connected to both computers.
- Try connecting the USB device to a different USB port on the KVM switch.

- **Switching Delay:**

- A brief delay (2-3 seconds) during switching is normal as the display and USB connections re-establish.
- If the delay is excessive, check cable quality and ensure all connections are firm.

- **KVM Switch Not Working After Some Time:**

- Perform a power cycle: Disconnect the power adapter from the KVM switch, wait 10 seconds, then reconnect.
- Ensure the KVM switch is placed in a well-ventilated area to prevent overheating.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the KVM switch. Avoid using liquid cleaners or abrasive materials.
- **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.
- **Power Supply:** Always use the original 5V 2A power adapter provided with the device to ensure proper operation and prevent damage.

WARRANTY AND SUPPORT

The Alxum 2-in-1 Out 4K HDMI KVM Switch (Model SJW-KM201B) comes with a **1-Year Warranty** from the date of purchase. For technical support, troubleshooting assistance, or warranty claims, please contact Alxum customer service. You can typically find contact information on the Alxum official website or through the retailer where the product was purchased. When contacting support, please have your product model number (SJW-KM201B) and purchase details ready.