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› EVATEK HDMI KVM Switch User Manual - Model EVA-S7232H2-01-01

EVATEK EVA-S7232H2-01-01

EVATEK HDMI KVM Switch User Manual

Model: EVA-S7232H2-01-01

INTRODUCTION

The EVATEK HDMI KVM Switch is designed to enhance work efficiency by allowing two computers to share two monitors, a keyboard, and a mouse. This device supports Ultra HD 4K@60Hz resolution and features USB 3.0 ports for high-speed data transfer, enabling seamless sharing of peripherals like printers and scanners. It supports both extended and copy display modes, offering flexible setup options for various environments.

PACKAGE CONTENTS

- 1x HDMI KVM Switcher
- 2x USB 3.0 Cables
- 1x Wired Desktop Controller
- 1x USB Power Cable (5V)
- 1x Instruction Manual
- 1x Warranty Card
- 4x Foot Pads

Product Packing



1*HDMI KVM Switcher



2*USB 3.0 Cable



1*Wire Desktop Controller



1*USB power cable



1*Instruction manual



1*Warranty card



4*Foot Pad

Image: Contents of the EVATEK HDMI KVM Switch package.

PRODUCT OVERVIEW

The EVATEK HDMI KVM Switch (Model EVA-S7232H2-01-01) is a compact device designed for managing two computers with a single set of dual monitors, keyboard, and mouse. It features multiple ports for connectivity and a user-friendly design for efficient operation.

Key Features:

- **Dual Monitor Support:** Connects two computers to two monitors.
- **High Resolution:** Supports up to 4K@60Hz (3840*2160@60Hz), backward compatible with 3D, 1080p, and lower resolutions. Adheres to HDMI2.0 standard and HDCP2.2 with a maximum data rate of 18Gbps.
- **USB 3.0 Ports:** Three USB 3.0 ports offer data transfer speeds up to 5Gbps, 10 times faster than USB 2.0, for sharing peripherals like keyboards, mice, printers, scanners, and USB flash drives.
- **Multiple Switching Methods:** Switch between computers using the panel button or the external wired desktop controller.
- **Display Modes:** Supports both extended mode and copy (mirror) mode for flexible display configurations.
- **Plug and Play:** No driver installation required.
- **Wide Compatibility:** Compatible with various operating systems including Windows, Mac, Linux, and Chrome OS.



Image: EVATEK HDMI KVM Switch with its various ports and included cables.

4K@60Hz

HDMI KVM Switch Dual Monitor

Share 2 Monitors 2 Computers with 3 USB 3.0 Ports



4K@60Hz



HDMI 2.0



USB 3.0



EDID



Plug and Play



Desktop
Remote Control



SETUP GUIDE

Follow these steps to correctly set up your EVATEK HDMI KVM Switch.

Connection Diagram:

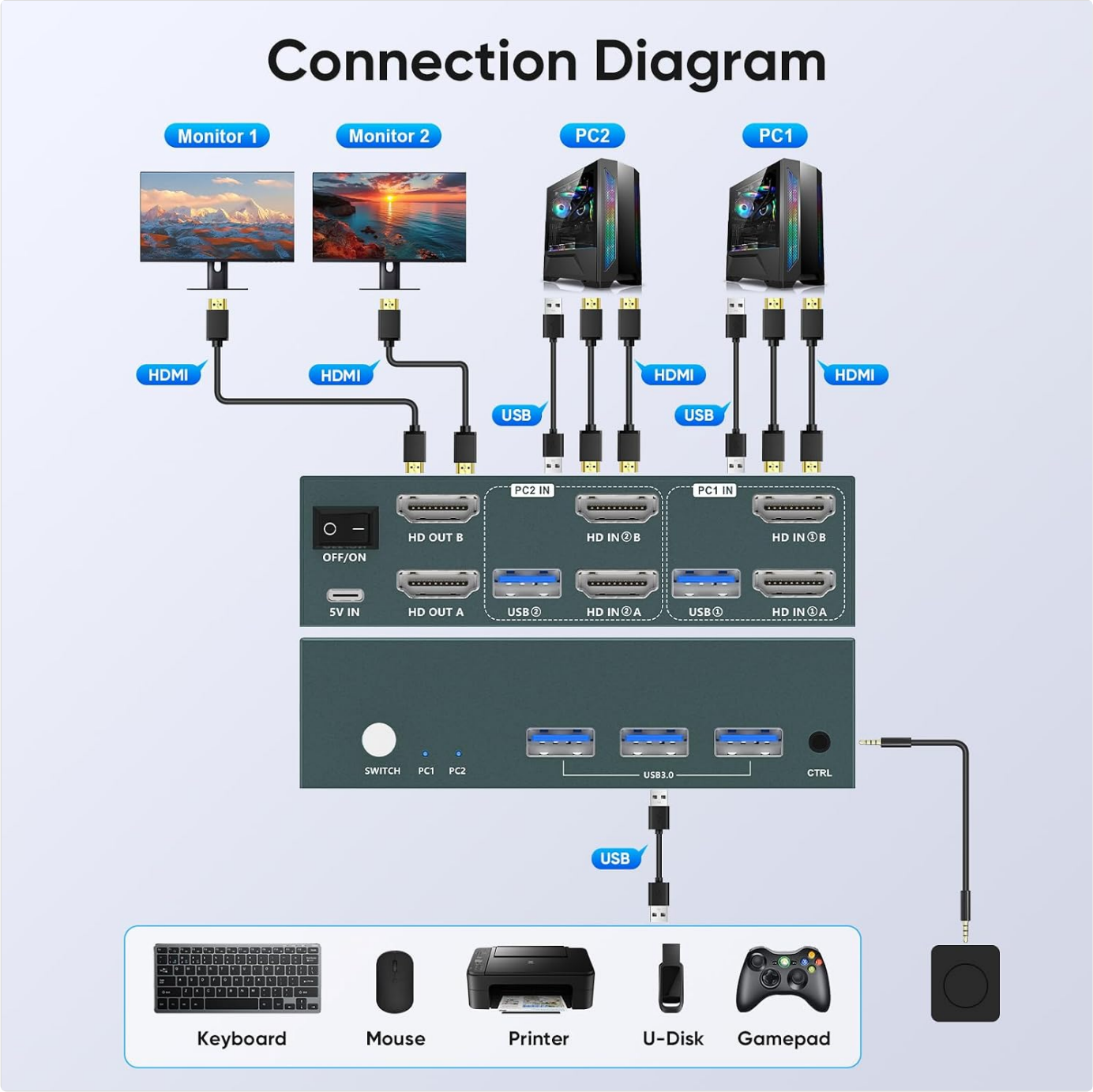


Image: Comprehensive connection diagram for the KVM switch.

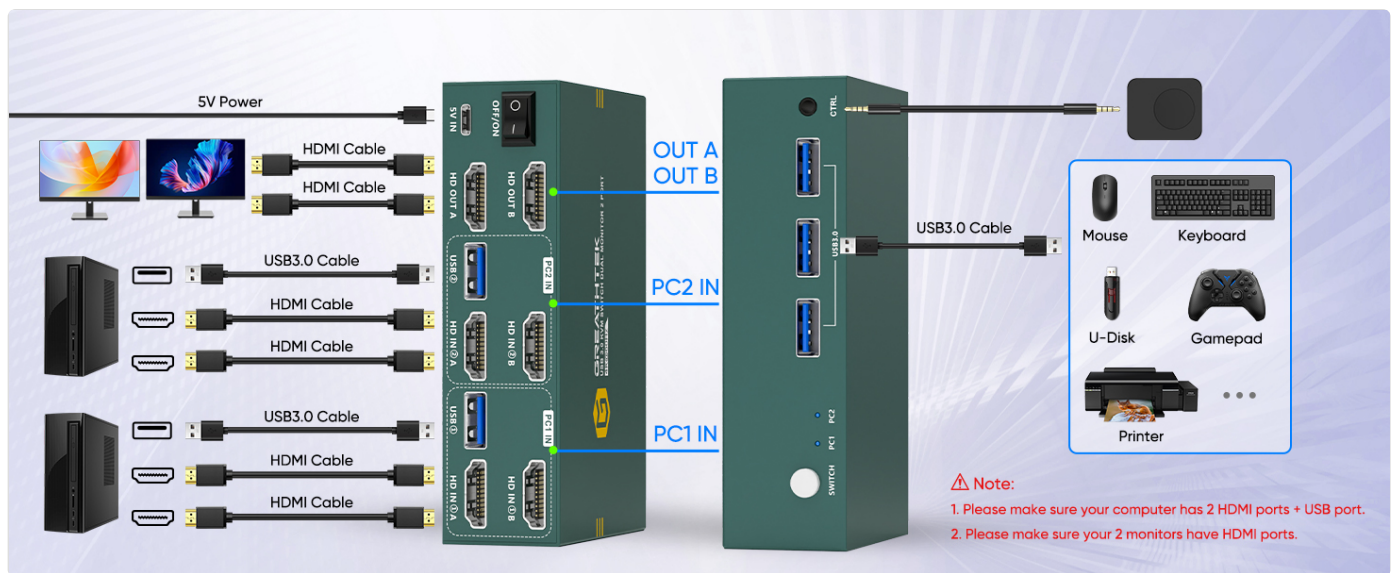


Image: Alternative connection diagram showing front and back panel connections.

Step-by-Step Connection:

1. **Power Connection:** Connect the provided USB power cable to the "5V IN" port on the KVM switch and to a 5V USB power adapter (not included) or a USB port on one of your computers.
2. **Monitor Connection:**
 - Connect **Monitor 1** to the KVM's "HD OUT A" port using an HDMI cable.
 - Connect **Monitor 2** to the KVM's "HD OUT B" port using an HDMI cable.
3. **Computer 1 Connection:**
 - Connect **PC 1's HDMI output 1** to the KVM's "HD IN A" port for PC1.
 - Connect **PC 1's HDMI output 2** to the KVM's "HD IN B" port for PC1.
 - Connect **PC 1's USB port** to the KVM's "USB3.0" port for PC1 using one of the provided USB 3.0 cables.
4. **Computer 2 Connection:**
 - Connect **PC 2's HDMI output 1** to the KVM's "HD IN A" port for PC2.
 - Connect **PC 2's HDMI output 2** to the KVM's "HD IN B" port for PC2.
 - Connect **PC 2's USB port** to the KVM's "USB3.0" port for PC2 using the second provided USB 3.0 cable.
5. **Peripheral Connection:** Connect your keyboard, mouse, printer, scanner, or USB flash drives to the three "USB3.0" ports on the front panel of the KVM switch.
6. **External Controller (Optional):** Plug the wired desktop controller into the "CTRL" port on the KVM switch for convenient remote switching.

Important Notes & Requirements:

- Ensure both connected computers support at least two monitors simultaneously.
- For optimal 4K@60Hz resolution, verify that both your source devices (computers), monitors, and HDMI cables support 4K@60Hz.
- Each computer requires **two HDMI 2.0 cables** and **one USB 3.0 cable** for proper dual-screen display.
- If a computer lacks two HDMI ports, a reliable adapter or USB-C docking station may be needed to expand the HDMI signal. Refer to the compatibility chart below for guidance.
- A USB cable must be connected from each computer to the KVM switch for the USB peripherals to function correctly.

A Friendly Reminder

01

Regarding display quality issues: The use of a conversion cable or switcher may result in reduced resolution, flickering, or failure of the monitor to function properly, depending on the quality and compatibility of the connected devices.

02

Connection Requirements: When connecting a computer to the switcher, a USB cable must be connected at the same time to ensure that the device works properly.

03

Compatibility Tip: Product incompatibility may occur when using adapters, converter cables or docking stations. It is recommended to contact the seller's support prior to purchase to ensure the device will work properly.

04

If you find that the window icon arrangement is offset when using the dual monitor KVM switch under Windows 11 operating system, please contact the seller's support personnel to resolve this issue.

How to use a Dual Monitor Switch without a Dual HDMI port on your computer?

Laptop/Desktop Port Type	Connecting Methods
2*HDMI Port	2*HDMI +1*USB cable
1*HDMI +1 DP Port	1*USB cable+1*HDMI cable + 1*DP to HDMI cable or (DP to HDMI adapter)
2*DP Port	1*USB cable+2*DP to HDMI cables or (DP to HDMI adapter)
1*HDMI+USB-C Port	1*USB cable+1*HDMI cable + 1*USB-C to HDMI cable
1*DP+USB-C Port	1*USB cable+1*DP to HDMI cable + 1*USB-C to HDMI cable
USB-C Port	1*USB cable+ USB C docking station with 2 HDMI ports and supports expansion capabilities
VGA or DVI Port	VGA or DVI to HDMI cables are Not recommended

Image: Important notes and compatibility chart for various computer port configurations.

OPERATING INSTRUCTIONS

Switching Between Computers:

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

- Panel Button:** Press the "SWITCH" button located on the front panel of the KVM device. The indicator lights (PC1/PC2) will show which computer is currently active.
- External Wired Controller:** Use the provided wired desktop controller. Press the button on the controller to switch between PC1 and PC2. This is ideal for keeping the KVM switch out of sight for a tidier desktop.

Note: Keyboard shortcuts (hotkeys) are not supported by this KVM switch.

2 Ways to Switch



Image: Switching methods for the KVM switch.

Display Modes:

The KVM switch supports two primary display modes for your dual monitor setup:

- Extended Mode:** Each monitor displays a different part of your desktop, extending your workspace.
- Copy (Mirror) Mode:** Both monitors display the same content, mirroring your desktop.

HDMI KVM Switch Dual Monitor

2 Computers Sharing 2 Monitors and a Keyboard and Mouse Set
(Supports Extended Display and Copy Display)



Image: Extended Mode and Copy Mode display configurations.

2 Display Working Modes

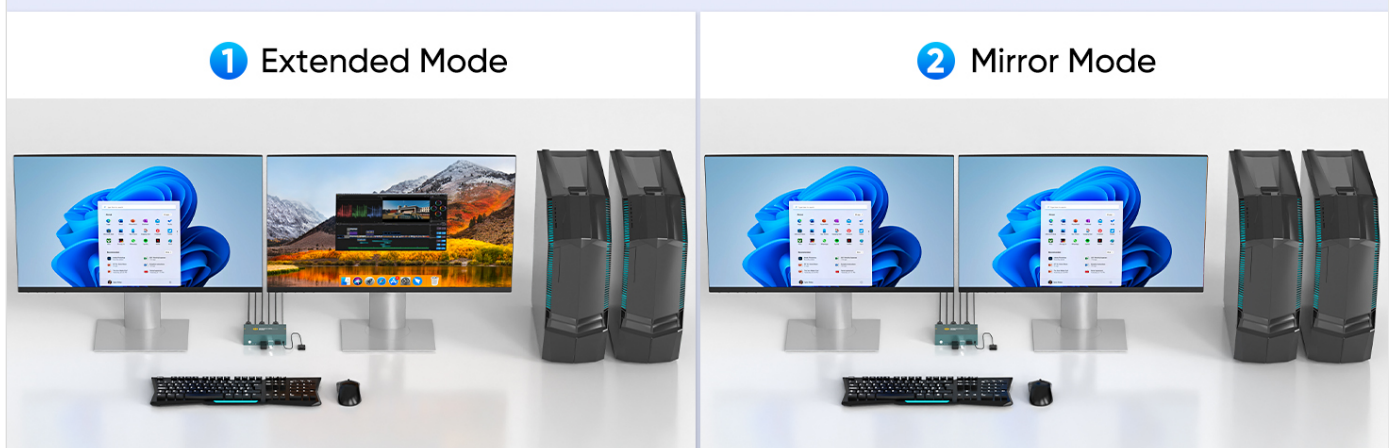


Image: Visual representation of Extended and Mirror (Copy) display modes.

MAINTENANCE

- Keep the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Clean the exterior of the KVM switch with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- Ensure all cables are securely connected to prevent signal loss or intermittent issues.
- Avoid placing heavy objects on the KVM switch.

TROUBLESHOOTING

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

- **No Display/Flickering:**
 - Ensure all HDMI and USB cables are firmly connected.
 - Verify that your monitors and computers support the selected resolution (e.g., 4K@60Hz).
 - Try using different HDMI cables, as cable quality can affect signal integrity.
 - Ensure the KVM switch is receiving adequate power via the 5V USB power cable.
 - If using adapters or docking stations, ensure they are reliable and compatible.
- **Mouse/Keyboard Not Responding:**
 - Confirm that the USB 3.0 cables from both computers are connected to the KVM switch.
 - Try connecting the mouse and keyboard to different USB 3.0 ports on the KVM switch.
 - Ensure the KVM switch is powered on.
- **Connection Loss After PC Sleep:**
 - Try unplugging and re-plugging the affected cables.
 - Adjust power management settings on your computer to prevent USB ports from powering down during sleep.
- **Windows 11 Window Icon Arrangement Offset:**
 - This can sometimes occur with KVM switches. If this issue persists, please contact EVATEK customer support for assistance.
- **General Issues:**
 - Restart the KVM switch and all connected computers and monitors.
 - If problems persist, refer to the warranty and support section for contact information.

SPECIFICATIONS

Brand	EVATEK
Model Number	EVA-S7232H2-01-01
Connectivity Protocol	HDMI
Operating Voltage	5 Volts
Current Rating	2 Amps
Operation Mode	ON-OFF

Control Method	Touch
Number of Positions	2
Compatible Devices	Computers, Monitors, Printers, Scanners, USB Flash Drives
Product Dimensions (L x W x H)	5.12 x 2.48 x 1.1 inches
Item Weight	10.6 ounces
Material	Aluminum

WARRANTY AND SUPPORT

EVATEK is committed to providing excellent customer service and product support.

- **Replacement Service:** We offer a 24-month replacement service for quality-related issues.
- **After-Sales Support:** Enjoy 365 days of dedicated after-sales support.
- **Online Customer Service:** Our online customer service is available 24 hours to assist with any problems or inquiries.
- **Contact:** For technical assistance or warranty claims, please contact our professional technical team through the retailer's platform or the official EVATEK website.



Image: EVATEK Customer Support Information.