

EVATEK EEVA-S7230P-01

EVATEK KVM Switch User Manual

Model: EEVA-S7230P-01

1. INTRODUCTION

The EVATEK KVM Switch allows you to control two computers using a single set of keyboard, mouse, and monitor. This device is designed to streamline your workspace by eliminating the need for multiple peripherals, enhancing efficiency in various environments such as offices, multimedia classrooms, and gaming setups. It supports high-resolution video output up to 8K@60Hz and features USB 3.0 ports for high-speed data transfer and peripheral sharing.

2. PRODUCT FEATURES

- **Dual PC Control:** Manage two computers with one DisplayPort monitor, one keyboard, and one mouse.
- **Ultra HD Resolution:** Supports resolutions up to 8K@60Hz, including 8K@30Hz, 4K@144Hz, and 4K@60Hz, ensuring clear and vivid visuals.
- **High-Speed USB 3.0:** Equipped with three USB 3.0 ports for efficient sharing of USB devices such as keyboards, mice, printers, and USB drives.
- **Flexible Switching:** Switch between connected computers using either the button on the device or the included desktop controller.
- **Broad Compatibility:** Compatible with Windows 10/8/8.1/7, Chrome OS, and Linux operating systems.
- **Plug and Play:** Easy installation without the need for complex software setup.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

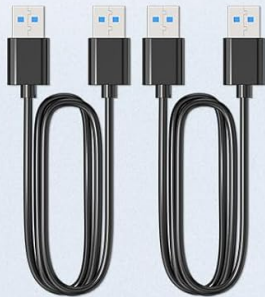
- EVATEK KVM Switch (1 unit)
- USB 3.0 Cable (2 units)
- Desktop Controller (1 unit)

- Instruction Manual and Warranty Card (1 unit)
- Food Pad (4 units)

Packing List



DP KVM Switch x 1



USB 3.0 Cable*2



Desktop Controller*1



Instruction Manual
and Warranty Card



Food Pad*4

Image: Contents of the EVATEK KVM Switch package, including the KVM switch unit, two USB 3.0 cables, a desktop controller, an instruction manual, and four foot pads.

4. PRODUCT DIAGRAM

Familiarize yourself with the ports and indicators on your EVATEK KVM Switch.



Image: Front and rear view of the EVATEK KVM Switch. The front panel shows the 'SWITCH' button, PC1/PC2 indicator LEDs, three USB 3.0 ports, and a 'CTRL' port for the desktop controller. The rear panel shows 'DP OUT', 'USB3.0' (for PC2), 'DP IN' (for PC2), 'USB3.0' (for PC1), and 'DP IN' (for PC1).

Front Panel:

- **SWITCH Button:** Press to switch between PC1 and PC2.
- **PC1/PC2 LEDs:** Indicate which computer is currently selected.
- **USB 3.0 Ports (x3):** Connect your keyboard, mouse, and other USB peripherals.
- **CTRL Port:** Connect the external desktop controller.

Rear Panel:

- **DP OUT:** Connect to your DisplayPort monitor.
- **DP IN (PC1/PC2):** Connect DisplayPort cables from your computers.
- **USB3.0 (PC1/PC2):** Connect USB 3.0 cables from your computers.

5. SETUP INSTRUCTIONS

Follow these steps to connect your KVM switch:

1. **Power Off Devices:** Ensure both computers and the monitor are powered off before making connections.
2. **Connect Monitor:** Connect your DisplayPort monitor to the **DP OUT** port on the KVM switch.
3. **Connect PC1:**
 - Connect a DisplayPort cable from your first computer (PC1) to the **DP IN (PC1)** port on the KVM switch.
 - Connect a USB 3.0 cable from PC1 to the **USB3.0 (PC1)** port on the KVM switch.
4. **Connect PC2:**
 - Connect a DisplayPort cable from your second computer (PC2) to the **DP IN (PC2)** port on the KVM switch.
 - Connect a USB 3.0 cable from PC2 to the **USB3.0 (PC2)** port on the KVM switch.
5. **Connect Peripherals:** Connect your keyboard, mouse, and any other USB devices (e.g., printer, U-disk, gamepad) to the three **USB 3.0 ports** on the front panel of the KVM switch.
6. **Connect Desktop Controller (Optional):** If desired, connect the desktop controller to the **CTRL** port on the front panel.
7. **Power On:** Power on your monitor, then power on your computers. The KVM switch does not require an external power adapter as it draws power from the connected computers via USB.

Connection Diagram



Image: A detailed connection diagram illustrating how to connect two computers (PC1, PC2), a monitor, and various USB peripherals (keyboard, printer, mouse, U-disk, gamepad) to the EVATEK KVM Switch. It shows DisplayPort and USB 3.0 cables connecting from each PC to the KVM switch, and the monitor connecting to the DP OUT port.

6. OPERATING INSTRUCTIONS

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

6.1. Button Switch

Press the **SWITCH** button located on the front panel of the KVM device. Each press will toggle between PC1 and PC2. The corresponding LED (PC1 or PC2) will illuminate to indicate the active computer.

6.2. Desktop Controller

If you have connected the external desktop controller, simply press the button on the controller to switch between PC1 and PC2. This provides a convenient way to switch without reaching for the KVM unit itself, helping to maintain a tidy desktop.

Button Switch & Control Switch



Image: Demonstrates the two switching methods for the EVATEK KVM Switch. One image shows a hand pressing the 'SWITCH' button on the KVM unit, and another shows a hand pressing the button on the external desktop controller.

7. SPECIFICATIONS

Feature	Description
Model Number	EEVA-S7230P-01
Video Input/Output	DisplayPort 1.4
USB Ports	3 x USB 3.0 (Front), 2 x USB 3.0 (Rear for PC connection)
Max Resolution	8K@60Hz, 4K@144Hz, 4K@60Hz, 8K@30Hz
Switching Method	Button Switch, Desktop Controller
Operating Voltage	5 Volts
Current Rating	2 Amps

Housing Material	Aluminum
Dimensions	6.38 x 5.98 x 0.98 inches (16.2 x 15.2 x 2.5 cm)
Weight	9.59 ounces (272 grams)
Operation Mode	Manual

8. TROUBLESHOOTING

If you encounter issues, please refer to the following common solutions:

- **No Display on Monitor:**

- Ensure all DisplayPort cables are securely connected between the computers, KVM switch, and monitor.
- Verify that your computer has an active DisplayPort output.
- Avoid using adapters, converter cables, or docking stations with the DisplayPort connections, as these can cause compatibility issues. Direct DisplayPort connections are recommended.
- Ensure the KVM switch is receiving sufficient power from the connected USB 3.0 cables.

- **Keyboard/Mouse Not Responding:**

- Check that the USB 3.0 cables from both computers are correctly connected to the KVM switch.
- Ensure your keyboard and mouse are connected to the front USB 3.0 ports on the KVM switch.
- Some wireless keyboards/mice, especially those with proprietary dongles or advanced features, may experience intermittent connectivity or not function correctly. Using wired peripherals or standard wireless sets is recommended.
- The KVM switch does not support switching via hotkeys. Use the physical button or desktop controller.

- **Monitor Window Rearrangement After Switching:**

- It is normal for the signal source to re-recognize monitor information during the switching process, which may cause the monitor window layout to rearrange. This is expected behavior.

- **Unsupported Peripherals:**

- The KVM switch may not support certain ultra-wide screen or ergonomic keyboards due to specific signal requirements.

9. IMPORTANT NOTES

- Ensure your computer has at least one DisplayPort (DP) port for connection.
- For optimal 8K@60Hz resolution, use high-quality DP1.4 cables.
- The KVM switch does not include DisplayPort cables. These must be purchased separately.
- When using adapters, converters, or docking stations, compatibility issues may arise. It is recommended to contact the seller's support prior to purchase to confirm device compatibility.

10. WARRANTY AND SUPPORT

Your EVATEK KVM Switch comes with a standard warranty. Please refer to the included Warranty Card for

specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact EVATEK customer service through the platform where you purchased the product or visit the official EVATEK store online.

EVATEK Store: [Visit the EVATEK Store on Amazon](#)