

## Suceem KS935-1

# Suceem 8K@60Hz KVM Switch User Manual

Model: KS935-1

Brand: Suceem

## 1. INTRODUCTION

The Suceem 8K@60Hz KVM Switch is designed to provide seamless control over two computers using a single set of keyboard, mouse, and two monitors. This device is ideal for professionals and enthusiasts who need to switch between multiple systems efficiently without the clutter of multiple peripherals. It supports high-resolution video output up to 8K@60Hz and 4K@120Hz, ensuring a crisp and clear visual experience. With integrated USB 3.0 ports, it allows for high-speed data transfer and sharing of various USB devices.

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your KVM switch to ensure optimal performance and longevity.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Suceem 8K@60Hz KVM Switch
- 2 x USB 3.0 A-to-B Cables
- 4 x DisplayPort (DP) Cables
- 1 x Desktop Controller
- 1 x DC 5V Power Adapter
- 1 x User Manual (this document)



Image: The KVM switch unit along with all included accessories: USB 3.0 cables, DisplayPort cables, desktop controller, and power adapter.

### 3. PRODUCT OVERVIEW

Familiarize yourself with the ports and indicators on your KVM switch.



Image: Top-down view of the KVM switch, showing the front panel with USB output ports and switching buttons, and the rear panel with input/output DisplayPort and USB 3.0 ports.

## Front Panel

- **USB OUT 1-4:** USB 3.0 ports for connecting keyboard, mouse, printer, USB drives, etc.
- **KEY:** Port for connecting the wired desktop controller.
- **Buttons (1, 2):** Manual switch buttons for selecting PC1 or PC2.
- **LED Indicators:** Show which computer (PC1 or PC2) is currently active.

## Rear Panel

- **DC 5V:** Power input port.
- **PC1 / PC2 Input Sections:** Each section includes:
  - **USB3.0 IN 1 / USB3.0 IN 2:** USB 3.0 input ports for connecting to PC1 and PC2 respectively.
  - **DP IN 1-A / DP IN 1-B (for PC1):** DisplayPort inputs for PC1.
  - **DP IN 2-A / DP IN 2-B (for PC2):** DisplayPort inputs for PC2.

- **DP OUT A / DP OUT B:** DisplayPort outputs for connecting to your two monitors.

## Interfaces Version : DP 1.4 , USB 3.0

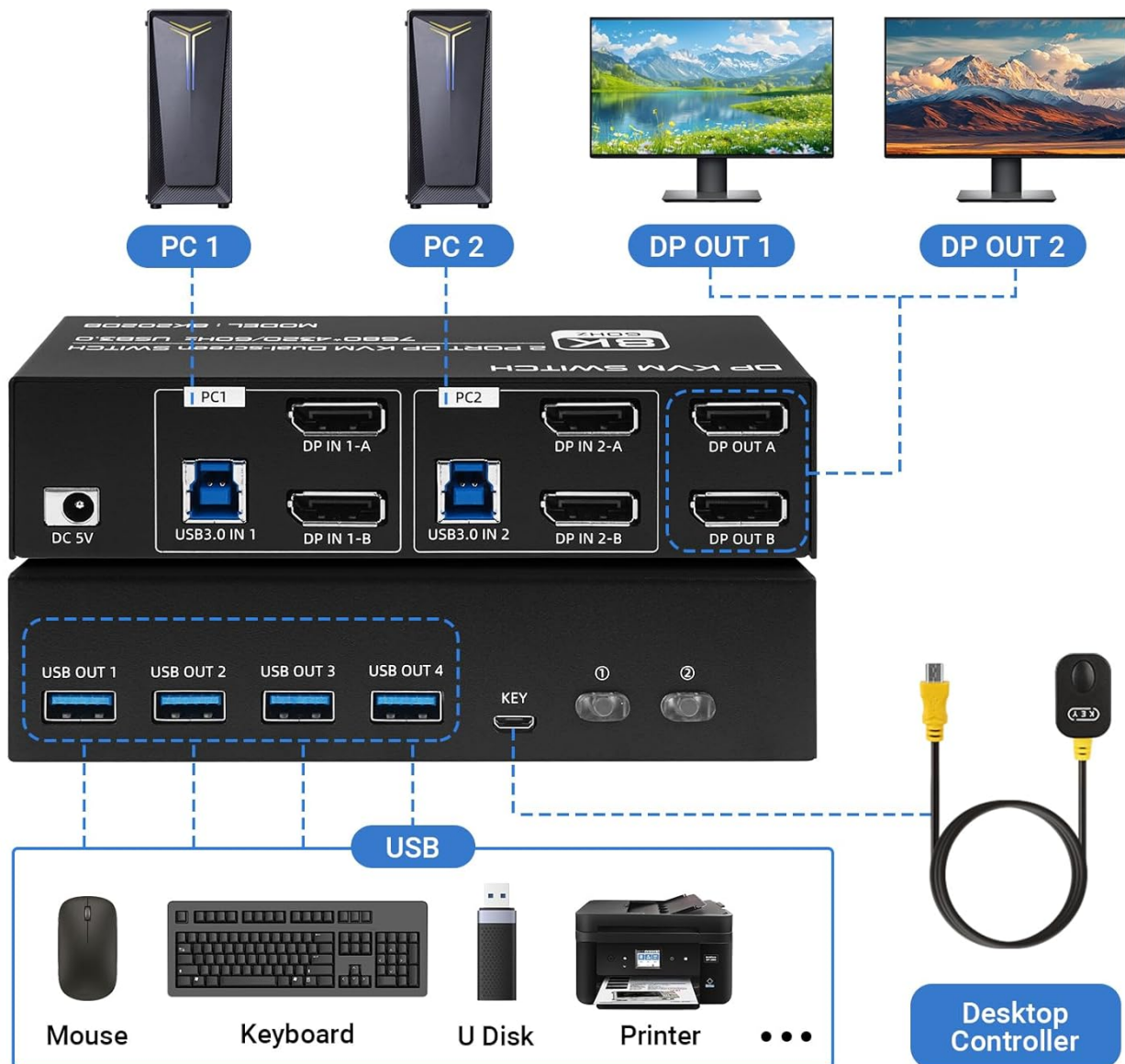


Image: A detailed diagram illustrating the connection points for two PCs, two monitors, and various USB peripherals to the KVM switch.

## 4. SETUP INSTRUCTIONS

Follow these steps to connect your KVM switch:

1. **Power Off Devices:** Ensure both computers and monitors are powered off before making any connections.
2. **Connect Monitors:** Connect your two monitors to the **DP OUT A** and **DP OUT B** ports on the KVM switch using the provided DisplayPort cables.
3. **Connect Computers (Video):**
  - For PC1, connect its two DisplayPort outputs to **DP IN 1-A** and **DP IN 1-B** on the KVM switch.
  - For PC2, connect its two DisplayPort outputs to **DP IN 2-A** and **DP IN 2-B** on the KVM switch.

#### 4. Connect Computers (USB):

- Connect one end of a USB 3.0 A-to-B cable to the **USB3.0 IN 1** port on the KVM switch and the other end to a USB 3.0 port on PC1.
- Connect one end of the second USB 3.0 A-to-B cable to the **USB3.0 IN 2** port on the KVM switch and the other end to a USB 3.0 port on PC2.

5. **Connect Peripherals:** Connect your keyboard, mouse, printer, USB flash drive, or other USB devices to the **USB OUT 1-4** ports on the front panel of the KVM switch.

6. **Connect Desktop Controller:** Plug the wired desktop controller into the **KEY** port on the front panel.

7. **Apply Power:** Connect the DC 5V power adapter to the **DC 5V** port on the rear panel of the KVM switch, then plug the adapter into a power outlet.

8. **Power On Devices:** Power on your monitors, then power on your computers. The KVM switch should automatically detect the active computer.

**Note:** For optimal 8K@60Hz or 4K@120Hz output, ensure your computers, monitors, and DisplayPort cables all support these resolutions and refresh rates. Using high-quality, certified DisplayPort 1.4 cables is recommended.

## 5. OPERATING INSTRUCTIONS

### Switching Between Computers

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

- **Front Panel Button:** Press the corresponding button (1 or 2) on the front panel of the KVM switch to switch to PC1 or PC2. The LED indicator will illuminate to show the currently active computer.
- **Desktop Controller:** Press the button on the wired desktop controller to cycle between PC1 and PC2. This allows for easy switching without reaching for the KVM unit itself.

## 2 Ways to Switch



Image: Illustration showing the two methods of switching: pressing the button directly on the KVM unit's front panel, or using the external wired desktop controller.

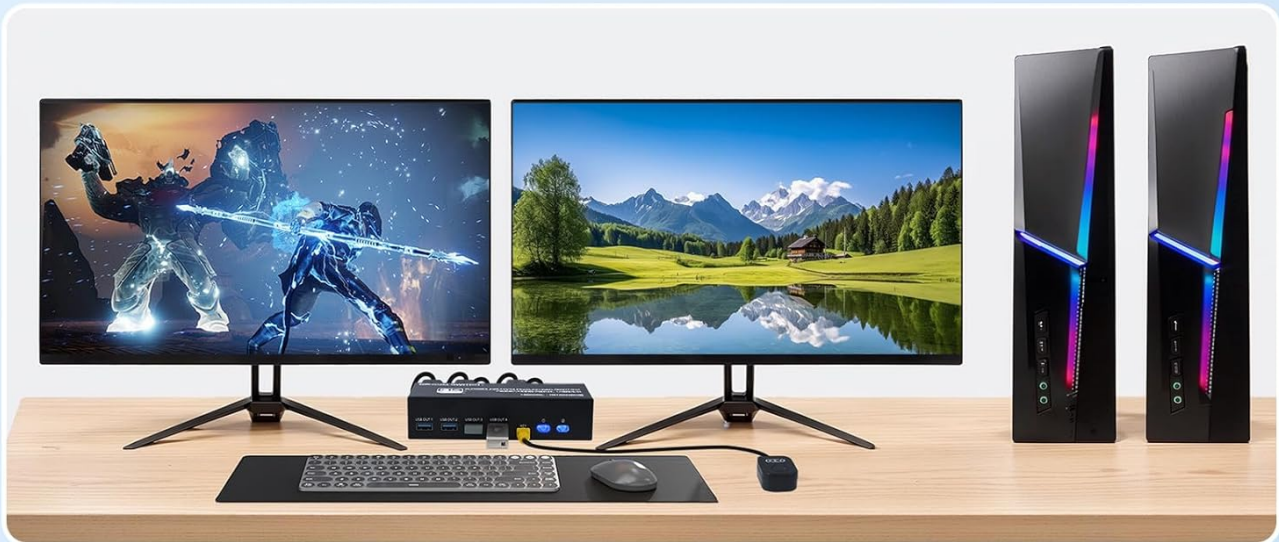
### Display Modes

The KVM switch supports both extended and copy (mirror) display modes, depending on your computer's display settings:

- **Extended Display Mode:** Each monitor displays a different part of your desktop, expanding your workspace. This is the most common setup for productivity.
- **Copy (Mirror) Display Mode:** Both monitors display the exact same content. This can be useful for presentations or sharing your screen with another person.

You can configure these display modes through your operating system's display settings (e.g., Windows Display Settings, macOS System Preferences > Displays).

## Extend Displays



## Mirror Displays

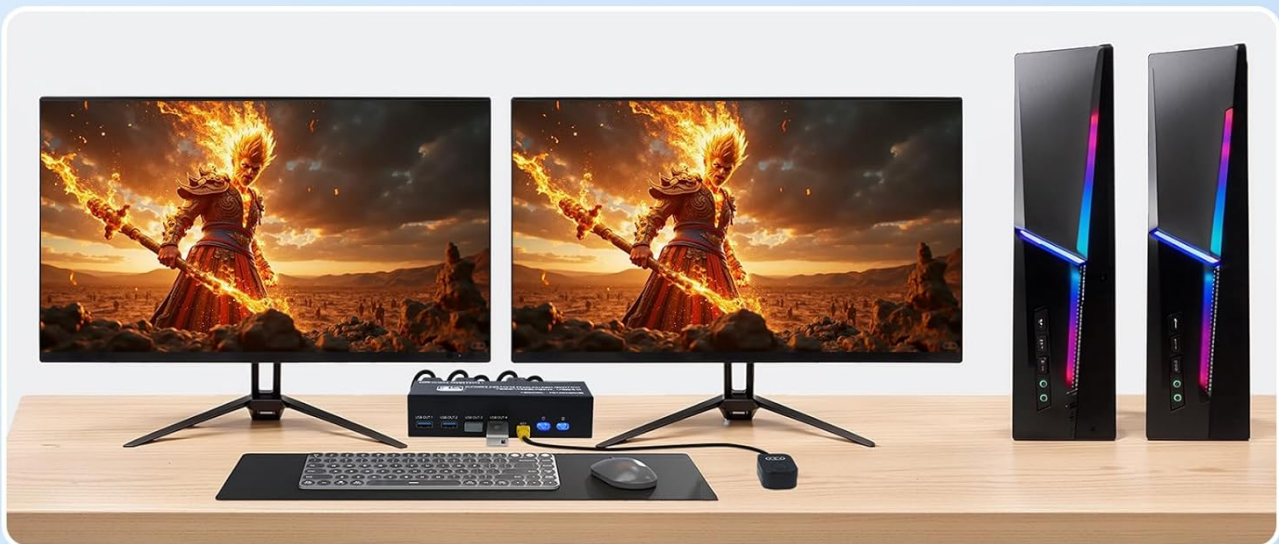


Image: Visual representation of two display modes: 'Extend Displays' showing different content on each monitor, and 'Mirror Displays' showing identical content on both monitors.

### USB 3.0 Data Transfer

The KVM switch features four USB 3.0 ports on the front panel, offering data transfer speeds up to 5Gbps. This allows you to share high-speed USB devices such as external hard drives, webcams, and high-performance peripherals between your two computers.

# Ultra High Speed USB 3.0 Data Interfaces

10x Faster than USB 2.0



Image: Graphic illustrating the speed difference between USB 3.0 (5Gbps) and USB 2.0 (480Mbps), highlighting the faster data transfer capability of the KVM's USB 3.0 ports for various devices.

## 6. SPECIFICATIONS

Feature	Specification
Model Number	KS935-1
Product Dimensions (L x W x H)	5.91 x 1.38 x 2.05 inches
Weight	2.43 Pounds
Supported Resolutions	Up to 8K@60Hz (7680x4320@60Hz), 4K@120Hz
USB Standard	USB 3.0 (5Gbps data transfer rate)

Operating Voltage	5 Volts
Operation Mode	ON-ON
Compatibility	Windows, Linux, Mac OS
Switching Methods	Front Panel Button, Wired Desktop Controller

## 7. MAINTENANCE

To ensure the longevity and proper functioning of your KVM switch, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the KVM switch. Do not use liquid cleaners or aerosol sprays, as they may damage the device.
- **Ventilation:** Ensure the KVM switch is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Environment:** Keep the KVM switch away from excessive moisture, dust, and extreme temperatures.

## 8. TROUBLESHOOTING

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

- **No Display or Flickering Screen:**
  - Ensure all DisplayPort cables are securely connected to both the KVM switch, monitors, and computers.
  - Verify that your monitors and computer graphics cards support the selected resolution and refresh rate (e.g., 8K@60Hz). If not, try lowering the resolution.
  - Test with different DisplayPort cables if possible, as faulty cables can cause issues.
  - Ensure the KVM switch is properly powered.
- **Keyboard/Mouse or USB Devices Not Working:**
  - Ensure the USB 3.0 A-to-B cables are securely connected from the KVM switch to both computers.
  - Try connecting the USB device to a different USB OUT port on the KVM switch.
  - Ensure the KVM switch is powered on and the correct computer is selected.
  - Some high-power USB devices may require external power or a powered USB hub.
- **Cannot Switch Between Computers:**
  - Verify that the desktop controller is securely plugged into the KEY port.
  - Ensure the KVM switch is powered on.
  - If using the front panel buttons, ensure they are pressed firmly.
- **Window Placement Issues (Windows 10):**

- Some operating systems, particularly Windows 10, may not consistently remember window positions after switching or waking from sleep. This is often an operating system behavior rather than a KVM fault.
  - Ensure your graphics drivers are up to date.
  - Consider using third-party window management software if this issue significantly impacts your workflow.
- **No Hotkey Switching:**
    - This KVM switch model does not support keyboard hotkey switching. Switching is performed via the front panel buttons or the wired desktop controller only.

## 9. WARRANTY INFORMATION

Suceem products include a **12-month protection period**. During this period, any defects can be replaced at no cost to the customer. This warranty covers manufacturing defects and normal operational failures under intended use.

Please retain your proof of purchase for warranty claims.

## 10. CUSTOMER SUPPORT

For any inquiries, technical assistance, or support regarding your Suceem KVM switch, please contact our responsive support team through Amazon's messaging system.

We are committed to addressing all inquiries within 24 hours, providing you with confidence and peace of mind with your purchase.

Thank you for choosing Suceem.