

## JCHICI JC-DP0401

# JCHICI 4-Port DisplayPort 8K@60Hz KVM Switch User Manual

Model: JC-DP0401

## 1. INTRODUCTION

This manual provides comprehensive instructions for the JCHICI 4-Port DisplayPort 8K@60Hz KVM Switch. This device allows you to control up to four computers using a single DisplayPort monitor, USB keyboard, and USB mouse. It supports high-resolution video up to 8K@60Hz and offers multiple switching methods for convenience.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x JCHICI 4-Port DisplayPort KVM Switch
- 4 x USB-B to USB-A Cables (for PC connection)
- 1 x Wired Remote Control
- 1 x 5V Power Adapter
- 1 x User Manual (this document)

## 3. PRODUCT OVERVIEW

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

## Front



## Back

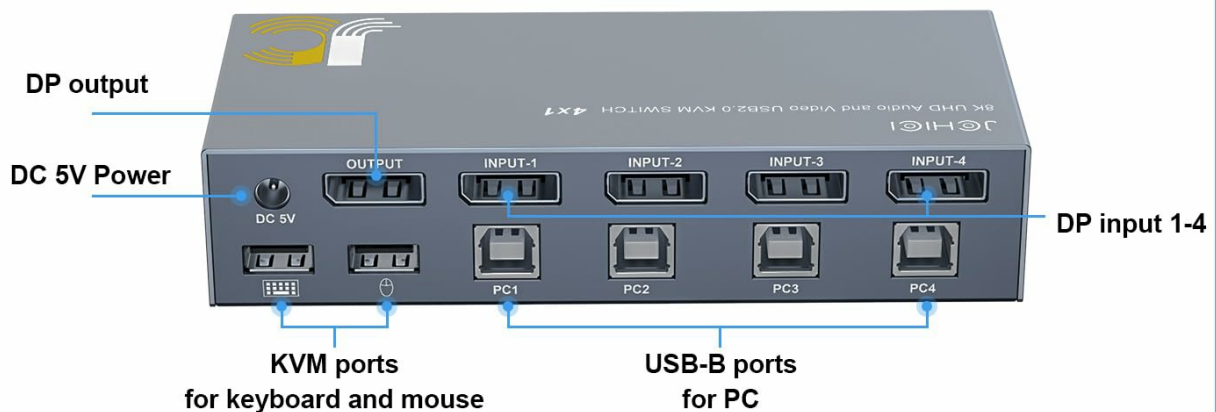


Image: Front and back panel diagram of the JCHICI 4-Port DisplayPort KVM Switch, showing DP output, DC 5V power, KVM ports for keyboard and mouse, USB-B ports for PC, USB 2.0 ports, switch buttons, and wired remote control port.

### Front Panel:

- **PC1-PC4 Buttons:** Used to manually switch between connected computers.
- **LED Indicators (1-4):** Show which computer input is currently active.
- **SW Port:** Connects the wired remote control.
- **USB 2.0 Ports:** Two ports for sharing USB peripherals like printers or USB drives.

### Rear Panel:

- **DC 5V:** Power input port.
- **OUTPUT:** DisplayPort output to your monitor.
- **K/M Ports:** Dedicated USB ports for connecting your keyboard and mouse. These ports are essential for hotkey switching functionality.
- **INPUT 1-4 (DisplayPort):** Connects to the DisplayPort output of each computer.

- **PC1-PC4 (USB-B):** Connects to the USB-A port of each computer using the provided USB-B to USB-A cables.

## 4. SETUP INSTRUCTIONS

Follow these steps to connect your KVM switch:

1. **Power Off Devices:** Ensure all computers and your monitor are powered off before making connections.
2. **Connect Monitor:** Connect your DisplayPort monitor to the **OUTPUT** port on the KVM switch.
3. **Connect Computers (DisplayPort):** Connect the DisplayPort output of each computer (PC1, PC2, PC3, PC4) to the corresponding **INPUT 1-4** ports on the KVM switch.
4. **Connect Computers (USB):** Connect the USB-A port of each computer to the corresponding **PC1-PC4 (USB-B)** ports on the KVM switch using the provided USB-B to USB-A cables.
5. **Connect Keyboard and Mouse:** Connect your USB keyboard and mouse to the dedicated **K/M** ports on the rear panel of the KVM switch. *Note: Using the front USB 2.0 ports for keyboard/mouse will disable hotkey switching.*
6. **Connect Shared USB Devices:** If desired, connect other USB peripherals (e.g., printer, USB drive) to the **USB 2.0** ports on the front panel.
7. **Connect Power:** Plug the 5V power adapter into the **DC 5V** port on the KVM switch, then plug the adapter into a power outlet.
8. **Power On:** Power on your monitor, then power on your computers. The KVM switch is plug-and-play and does not require driver installation.



Image: A visual guide demonstrating how to connect computers, a monitor, keyboard, mouse, and other USB devices to the KVM switch.

**Such a convenient KVM function**  
Enjoy a more convenient way to work



Image: An example setup showing the KVM switch connected to a monitor, keyboard, mouse, and a printer, illustrating its KVM and USB sharing capabilities.

## 5. OPERATING INSTRUCTIONS

The KVM switch offers five methods for switching between connected computers:

## Four pictures, free switching

4 devices with DP ports share one monitor at the same time



Image: A diagram showing the five available switching methods: Button Switch, Timed Loop Switch, Keyboard Hot Keys, Mouse Switch, and Wire Remote Controller.

### 5.1 Switching Modes

- **Button Switching:** Press the **PC1**, **PC2**, **PC3**, or **PC4** buttons on the front panel of the KVM switch to select the desired computer. The corresponding LED indicator will light up.
- **Wired Remote Control:** Connect the wired remote to the **SW** port on the front panel. Press the button on the remote to cycle through the connected computers. This allows switching from a distance of up to 5 feet.



Image: A wired remote control connected to the KVM switch, demonstrating its use for switching inputs.

- **Keyboard Hotkeys:** Use specific key combinations on your connected keyboard to switch inputs. This functionality requires the keyboard to be connected to the dedicated K/M port. The default hotkey sequence is: **Press '\*' (asterisk) twice, then press '1', '2', '3', or '4'** to switch to the corresponding PC. For example, to switch to PC1, press \* then \* then 1.



Image: A keyboard diagram highlighting the asterisk key and number keys 1-4, illustrating the hotkey sequence for switching between computers.

- **Mouse Switching:** This mode allows switching by double-clicking the scroll wheel of your mouse. Ensure your mouse is connected to the dedicated K/M port.
- **Auto-Switching (Timed Loop):** The KVM switch can be configured to automatically cycle through inputs at a set interval. Refer to the advanced settings section (if available in the full manual) for configuration details.

### Important Note:

- The K/M ports only support standard office keyboards and mice. Gaming keyboards, Apple keyboards, or other non-standard input devices may not support hotkey or mouse switching.
- The five switching modes cannot operate simultaneously. Select one preferred method for operation.

## 5.2 USB and KVM Functions

- **KVM Function:** The two dedicated K/M ports allow 4 computers to share 1 keyboard and 1 mouse.
- **USB 2.0 Function:** The two front USB 2.0 ports allow 2 computers to share 1 printer, U disk, scanner, or other USB 2.0 devices.



Image: An illustration depicting four personal computers connected to the KVM switch, sharing two USB devices such as a printer, U disk, barcode scanner, keyboard, and mouse.

## 6. FEATURES AND CAPABILITIES

- **High Resolution Support:** Supports DisplayPort 1.4 for resolutions up to 8K@60Hz. Also supports 4K@60Hz.
- **HDR10 & Dolby Atmos:** Provides enhanced visual and audio experiences.
- **Plug and Play:** No drivers or software installation required for basic functionality.
- **Power-off Memory:** The device remembers the last active connection state before power loss, ensuring smooth restoration upon power recovery.
- **Status Lights:** Four LEDs indicate the real-time source status of each connected computer.
- **Wide Compatibility:** Compatible with various operating systems including Windows, macOS, Linux, and MS-DOS.

**8K Super HD resolution**

DP1.4 ▬ 8K@60Hz

DP1.2 ▬ 4K@60Hz

**4X** Sharper than DP1.2

JCHIO  
8K UHD Audio and Video USB2.0 KVM SWITCH 4X1

Image: A visual comparison demonstrating the clarity of 8K@60Hz resolution with DisplayPort 1.4, which is significantly sharper than 4K@60Hz with DisplayPort 1.2.



Image: A split image showing the difference in visual quality between a display with no HDR and one with HDR enabled, highlighting improved contrast and color.



Image: Icons representing compatibility with multiple operating systems, including Windows, macOS, Linux, SCO UNIX, and MS-DOS.

## 7. MAINTENANCE

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To ensure the longevity and optimal performance of your KVM switch:

- Keep the device in a cool, dry place, away from direct sunlight and heat sources.
- Avoid exposing the device to moisture or liquids.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure proper ventilation around the device to prevent overheating.

## 8. TROUBLESHOOTING

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

### 8.1 No Video Signal or Flickering Display

- **Check Cables:** Ensure all DisplayPort cables are securely connected to both the KVM switch and your computers/monitor.
- **Cable Quality:** Use high-quality DisplayPort 1.4 certified cables, especially for 8K resolutions. Inferior cables can cause signal loss or flickering.
- **Direct Connection Test:** Connect your computer directly to the monitor (bypassing the KVM switch) to verify that the computer's video output and monitor are functioning correctly.
- **Power Cycle:** Disconnect and reconnect the power adapter to the KVM switch.
- **Resolution Settings:** Ensure your computer's display settings are compatible with the KVM switch and monitor's capabilities.

### 8.2 Keyboard or Mouse Not Responding/Switching

- **Dedicated K/M Ports:** Ensure your keyboard and mouse are connected to the dedicated **K/M** ports on the rear panel of the KVM switch. Connecting them to the front USB 2.0 ports will disable hotkey/mouse switching.
- **Standard Devices:** Verify that your keyboard and mouse are standard office models. Gaming or specialized input devices may not be fully compatible with KVM hotkey functions.
- **USB Cable Connection:** Ensure the USB-B to USB-A cables from your computers to the KVM switch are securely connected.
- **Try Different Ports:** If one K/M port is not working, try the other.

### 8.3 Switching Issues

- **Confirm Active Mode:** Remember that only one switching mode (button, remote, hotkey, mouse, auto) can be active at a time. Ensure you are using the intended method.
- **Hotkey Sequence:** Double-check the hotkey sequence (e.g., `` `\* `\* `1``). Ensure there are no delays between key presses.
- **Wired Remote:** Ensure the wired remote is securely plugged into the SW port.

## 9. SPECIFICATIONS



Image: A diagram illustrating the compact dimensions of the KVM switch: 6 inches in length and 2.6 inches in width.

Feature	Specification
Model Number	JC-DP0401
Product Dimensions (L x W x H)	6 x 2.6 x 1.3 inches
Weight	1.76 Pounds
Video Input	4 x DisplayPort 1.4
Video Output	1 x DisplayPort 1.4
Max Resolution	8K@60Hz, 4K@60Hz
USB Ports (KVM)	2 x USB-A (for Keyboard/Mouse)
USB Ports (Shared)	2 x USB 2.0 (for Peripherals)
PC Connection Ports	4 x USB-B
Switching Methods	Button, Wired Remote, Keyboard Hotkeys, Mouse, Auto-Switching
Power Supply	DC 5V
Operating Voltage	5 Volts
Current Rating	0.98 Amps
Operation Mode	ON-OFF-ON
Circuit Type	4-way
Actuator Type	Push Button

## 10. WARRANTY AND SUPPORT

JCHICI provides a **3-Year Warranty** for this product, demonstrating our commitment to customer satisfaction. If you encounter any product issues, require technical assistance, or need to initiate a return/replacement, please contact our customer support team. We are dedicated to resolving your concerns promptly. For support, please visit the [JCHICI Store on Amazon](#) or refer to the contact information provided with your purchase.

