

[Manuals.plus](#) /

> [JCHICI](#) /

> JCHICI 8K@60Hz DisplayPort KVM Switch User Manual for 4 Computers with Dual Monitor Support (Model B0FB3513P1)

## JCHICI B0FB3513P1

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

Model: B0FB3513P1

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and troubleshooting of your JCHICI 8K@60Hz DisplayPort KVM Switch. This device allows you to control up to four computers using a single keyboard, mouse, and two DisplayPort monitors, enhancing productivity and workspace efficiency.



*Image: Front and rear view of the JCHICI DisplayPort KVM Switch, showcasing its compact design and various ports.*

## PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x JCHICI 4x1 DisplayPort KVM Switch
- 1 x Power Adapter
- 1 x Wired Remote Controller (1.5m / 59-inch)
- 4 x USB 3.0 A to B Cables
- 1 x User Manual (this document)

*Image: Visual representation of the KVM switch and its included accessories, such as cables, power adapter, and remote controller.*

## KEY FEATURES

---

- **4-Port Dual Monitor KVM:** Control four computers with one keyboard, mouse, and two DisplayPort monitors.
- **High Resolution Support:** Supports resolutions up to 8K@60Hz and 4K@120Hz (DisplayPort 1.4 standard), backward compatible with lower resolutions.
- **USB 3.0 Hub:** Two integrated USB 3.0 ports (5Gbps) for sharing peripherals like printers, flash drives, and hard drives.
- **Multiple Switching Methods:** Switch between computers using front panel buttons, keyboard hotkeys, or the included wired remote controller.
- **Dual Display Modes:** Supports both mirror and extended display modes for enhanced multitasking.

## SETUP INSTRUCTIONS

---

Follow these steps to connect your JCHICI KVM Switch:

1. **Power Off Devices:** Ensure all computers and monitors are powered off before beginning the connection process.
2. **Connect Monitors:** Connect your two DisplayPort monitors to the KVM switch's **OUTPUT-A** and **OUTPUT-B** ports using DisplayPort cables.
3. **Connect Computers (Video):** For each computer (PC1, PC2, PC3, PC4), connect its two DisplayPort outputs to the corresponding **INPUT-X-A** and **INPUT-X-B** ports on the KVM switch (e.g., PC1's outputs to INPUT-1-A and INPUT-1-B). *Note: Each computer must have two DisplayPort outputs and support extended display for dual monitor functionality. Adapters (HDMI/VGA/DVI/USB-C to DP) may be used if necessary.*
4. **Connect Computers (USB):** For each computer, connect one end of the provided USB 3.0 A to B cable to the computer's USB 3.0 port and the other end to the corresponding **PCX** USB-B port on the KVM switch (e.g., PC1's USB to PC1 USB-B port). This enables keyboard, mouse, and USB peripheral sharing.
5. **Connect Keyboard and Mouse:** Connect your USB keyboard and mouse to the dedicated USB ports on the front panel of the KVM switch.
6. **Connect USB Peripherals:** Connect any additional USB 3.0 devices (e.g., printer, flash drive, external HDD) to the two USB 3.0 ports on the front panel.
7. **Connect Wired Remote (Optional):** If desired, connect the wired remote controller to the designated port on the KVM switch.
8. **Power On:** Connect the power adapter to the KVM switch and then plug it into a power outlet. Power on your monitors and then your computers.

## Each PC needs 2 DP cables and 1 USB cable to connect to the KVM switcher

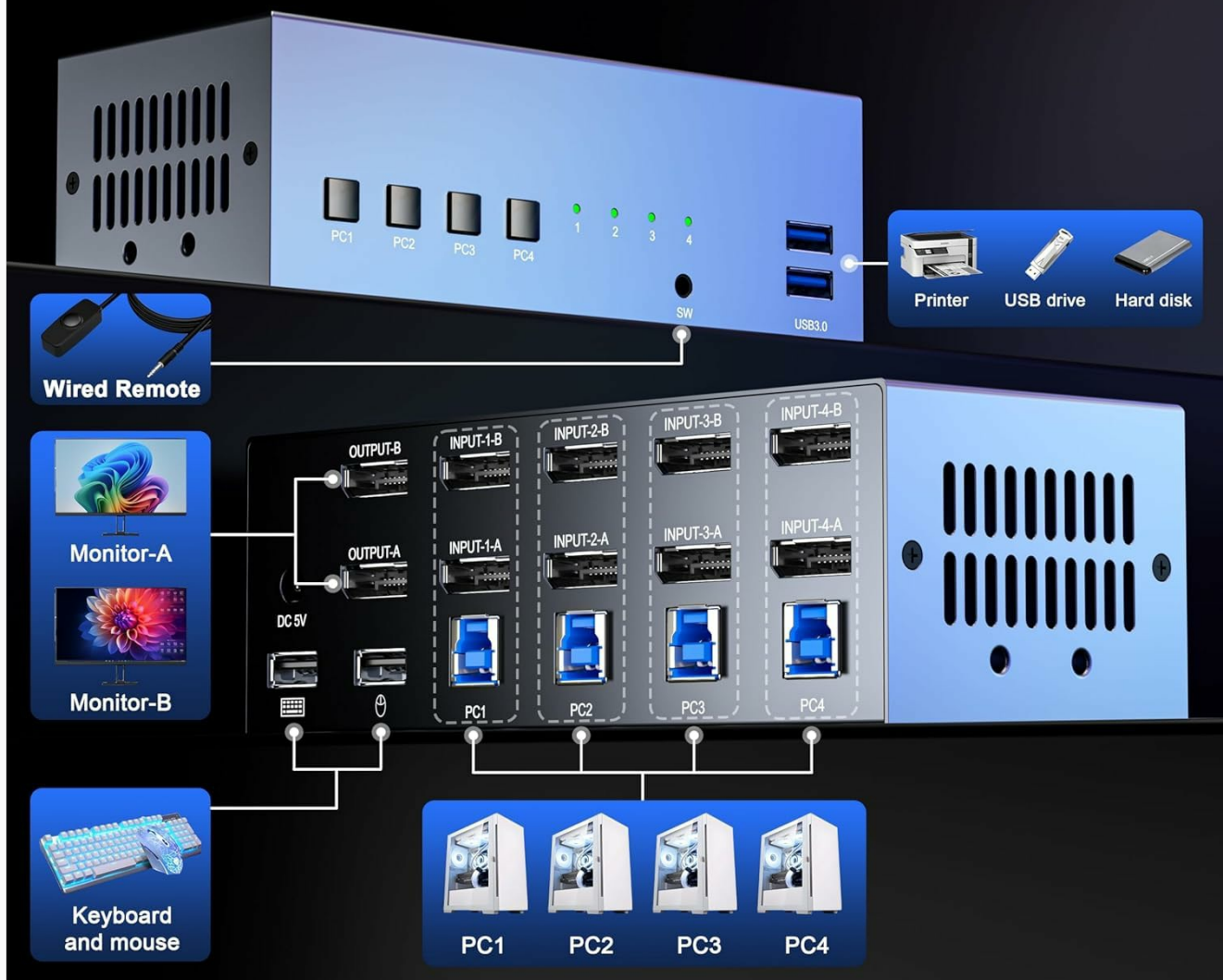


Image: A detailed diagram illustrating how to connect computers, monitors, keyboard, mouse, and USB peripherals to the KVM switch.

## OPERATING INSTRUCTIONS

### Switching Between Computers

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

- **Front Panel Buttons:** Press the corresponding PC1, PC2, PC3, or PC4 button on the front of the KVM switch to select the desired computer. LED indicators will show the active computer.
- **Wired Remote Controller:** Use the included wired remote to switch between computers. This is convenient for KVM placement under a desk.
- **Keyboard Hotkeys:** Utilize specific keyboard combinations for quick switching. The default hotkey is **Scroll Lock + Scroll Lock + [1-4]**. Other hotkey modes include **Caps Lock + Caps Lock + [1-4]** and **Num Lock + Num Lock + [1-4]**. To change the hotkey mode, press **Ctrl + Shift + K**. The KVM also supports auto-cycling through computers.

# Multiple Switching Methods



**Button Switching**



**Wired Remote Controller**



**Keyboard Hotkey Switching**

*Image: Visual representation of the three switching methods: front panel buttons, wired remote controller, and keyboard hotkeys.*

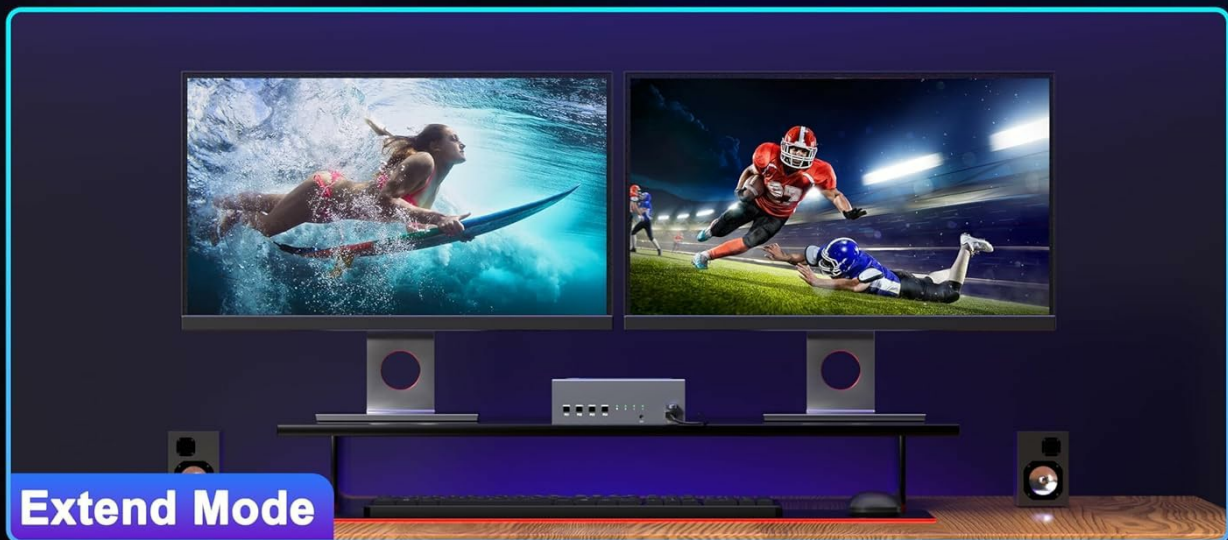
## Dual Display Modes

The KVM switch supports both mirror and extended display modes, depending on your computer's settings and requirements.

- **Mirror Mode:** Both monitors display the same content, useful for presentations or sharing your screen.
- **Extended Mode:** Your desktop is extended across both monitors, providing more screen real estate for multitasking.

# Dual Display Options

Effortlessly switch between mirror and extend modes to enhance multitasking.



*Image: Illustration showing a dual monitor setup in both mirror mode (duplicate display) and extended mode (desktop spread across two screens).*

## USB 3.0 Hub Functionality

The two USB 3.0 ports on the front panel allow you to share USB peripherals among all connected computers. When you switch to a different computer, the connected USB devices will automatically switch to that computer.



Image: Graphic comparing the data transfer speeds of USB 2.0 (480Mbps) and USB 3.0 (5Gbps), highlighting the faster performance of USB 3.0.

## TROUBLESHOOTING

- **Only One Monitor Works:** If only one monitor displays content, press **Win + P** on your keyboard and select the desired display mode (e.g., Extend or Duplicate). Ensure your computer's graphics card supports dual DisplayPort outputs.
- **Incorrect Monitor Arrangement:** To adjust the left/right positioning of your monitors, go to your operating system's "Display Settings" and drag the monitor icons (Display 1 & 2) to your preferred arrangement.
- **No Display/Flickering:**
  - Ensure all DisplayPort cables are securely connected and are DP 1.4 compliant for 8K/4K resolutions.
  - Verify that your graphics card drivers are up to date.
  - Try restarting the KVM switch and connected computers.
- **USB Devices Not Recognized:**
  - Ensure the USB 3.0 A to B cables are securely connected between each computer and the KVM switch.

- Try connecting the USB device directly to the computer to confirm it functions correctly.
  - Some high-power USB devices may require external power or a powered USB hub.
- **Hotkey Switching Not Working:**
    - Ensure your keyboard is connected to the dedicated keyboard USB port on the KVM switch.
    - Verify the active hotkey mode (Scroll Lock, Caps Lock, or Num Lock).
    - Some specialized keyboards may not fully support hotkey functions.

## SPECIFICATIONS

Feature	Specification
Model	B0FB3513P1
Brand	JCHICI
Input Ports	4 x DisplayPort 1.4 (Dual per PC), 4 x USB 3.0 Type-B
Output Ports	2 x DisplayPort 1.4, 2 x USB 3.0 Type-A, 2 x USB 2.0 Type-A (for K/M)
Video Resolution	Up to 8K@60Hz, 4K@120Hz (DP 1.4 with DSC)
USB Data Transfer Rate	5Gbps (USB 3.0)
Switching Methods	Front Panel Buttons, Keyboard Hotkeys, Wired Remote Controller
Material	Metal
Product Dimensions	6 x 3 x 2 inches
Weight	2.07 Pounds

## MAINTENANCE

To ensure optimal performance and longevity of your KVM switch:

- Keep the device in a cool, dry, and well-ventilated area.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure all cables are securely connected and not under strain.

## WARRANTY AND SUPPORT

Your JCHICI KVM Switch is backed by an **18-month warranty** for replacement. For technical assistance or warranty claims, please contact JCHICI customer support. Our engineering team provides **lifetime technical support** to ensure a hassle-free experience.

For support, please refer to the contact information provided on the product packaging or the official JCHICI website.

## SAFETY INFORMATION

- Do not attempt to open or modify the device. Unauthorized modifications may void the warranty and pose

safety risks.

- Use only the provided power adapter. Using an incorrect power adapter may damage the device.
- Keep the device away from water, fire, and corrosive substances.
- This device is intended for indoor use only.