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NAWEN B0FYCB4L7L

NAWEN Displayport KVM Switch User Manual

Model: B0FYCB4L7L

1. Introduction

Thank you for choosing the NAWEN Displayport KVM Switch. This device allows you to control two computers using a single set of keyboard, mouse, and two Displayport monitors. It supports high resolutions up to 8K@60Hz and 4K@120Hz, making it ideal for demanding visual tasks and efficient multi-computer setups. This manual provides detailed instructions for setup, operation, and troubleshooting to ensure optimal performance.

2. Product Overview

2.1 Key Features

- **Dual Displayport Support:** Connects two Displayport monitors to two computers.
- **High Resolution:** Supports resolutions up to 8K@60Hz and 4K@120Hz.
- **USB 3.0 Connectivity:** Features 4 USB 3.0 ports for sharing peripherals like keyboards, mice, printers, and USB drives.
- **Multiple Display Modes:** Supports both Copy (mirror) and Extend display modes.
- **Flexible Switching:** Switch between computers using a physical button on the device or the included wired remote controller.
- **Plug and Play:** Driver-free installation for ease of use.

2.2 Package Contents

Please verify that all items are present in your package:

- 1 x NAWEN Displayport KVM Switch
- 2 x Displayport Cables (1.5m)
- 2 x USB 3.0 Cables (1.5m)
- 1 x Wired Remote Controller
- 1 x User Manual



Image: Contents of the NAWEN Displayport KVM Switch package, including the KVM switch unit, two Displayport cables, two USB 3.0 cables, a wired remote controller, and the user manual. The image also shows the dimensions of the KVM switch.

2.3 KVM Switch Layout

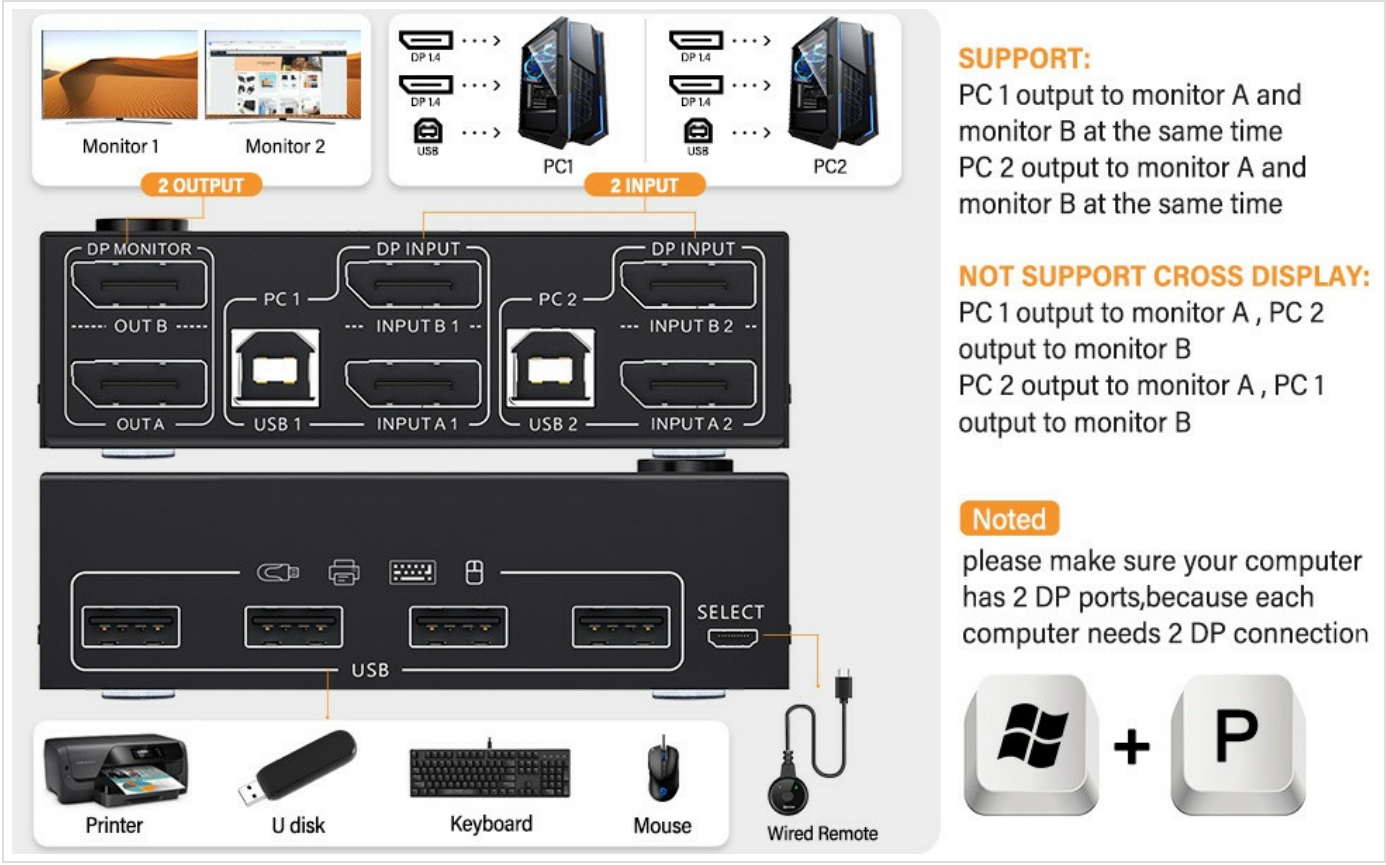


Image: Diagram illustrating the front and rear panels of the NAWEN Displayport KVM Switch, detailing the input and output ports.

Front Panel:

- **USB 3.0 Ports (4x):** For connecting USB peripherals (keyboard, mouse, printer, USB drive).
- **SELECT Button:** Main button to switch between connected computers.
- **DC/5V Port:** Optional power input for enhanced stability, especially with high-power USB devices.

Rear Panel:

- **DP MONITOR OUT (OUT A, OUT B):** Connects to your two Displayport monitors.
- **PC 1 INPUT (INPUT A1, INPUT B1, USB 3.0):** Connects to Computer 1.
- **PC 2 INPUT (INPUT A2, INPUT B2, USB 3.0):** Connects to Computer 2.

3. Setup Instructions

Follow these steps to set up your NAWEN Displayport KVM Switch:

1. **Power Off Devices:** Ensure both computers and monitors are powered off before making any connections.
2. **Connect Monitors to KVM:** Connect your two Displayport monitors to the 'DP MONITOR OUT A' and 'DP MONITOR OUT B' ports on the KVM switch using Displayport cables.
3. **Connect Computers to KVM (Video):**
    - For Computer 1: Connect its two Displayport outputs to 'INPUT A1' and 'INPUT B1' on the KVM switch.
    - For Computer 2: Connect its two Displayport outputs to 'INPUT A2' and 'INPUT B2' on the KVM switch.

    Important: *Each computer must have two Displayport outputs to utilize both monitors. Ensure your Displayport cables are DP 1.2 or higher to achieve 4K@60Hz or higher resolutions.*
4. **Connect Computers to KVM (USB):**

- For Computer 1: Connect one end of a USB 3.0 cable to a USB port on Computer 1 and the other end to the 'USB 3.0' port under 'PC 1 INPUT' on the KVM switch.
- For Computer 2: Connect one end of a USB 3.0 cable to a USB port on Computer 2 and the other end to the 'USB 3.0' port under 'PC 2 INPUT' on the KVM switch.

These USB connections provide power to the KVM switch and enable USB peripheral sharing.

5. **Connect Peripherals:** Connect your keyboard, mouse, printer, or other USB devices to the USB 3.0 ports on the front panel of the KVM switch.
6. **Connect Wired Remote (Optional):** Plug the wired remote controller into the dedicated port on the front panel if you prefer external switching.
7. **Power On:** Power on your monitors, then power on your computers. The KVM switch will automatically detect the active input.



Image: An example setup showing two computers connected to the NAWEN Displayport KVM Switch, which then connects to two monitors, a keyboard, and a mouse.

Note on Power: The KVM switch is primarily powered via the USB 3.0 connections from your computers. If you

experience instability with high-power USB devices or flickering displays, an optional 5V DC power adapter (not included) can be connected to the DC/5V port on the front panel for additional power stability.

4. Operating Instructions

4.1 Switching Between Computers

You can switch between Computer 1 and Computer 2 using two methods:

- **Physical Button:** Press the 'SELECT' button on the front panel of the KVM switch.
- **Wired Remote Controller:** Press the button on the wired remote controller.



Image: Illustration of the two methods for switching between computers: pressing the physical button on the KVM unit or using the wired remote control.

4.2 Display Modes

The KVM switch supports two primary display modes, which are configured on your computer's operating system:

- **Copy Mode (Mirror Mode):** The same image is displayed on both monitors.
- **Extend Mode:** The desktop is extended across both monitors, allowing for a larger workspace.

To configure display modes in Windows, press the **Windows key + P** and select your desired mode (Duplicate or Extend). Ensure your computer's graphics settings are configured for dual display output.

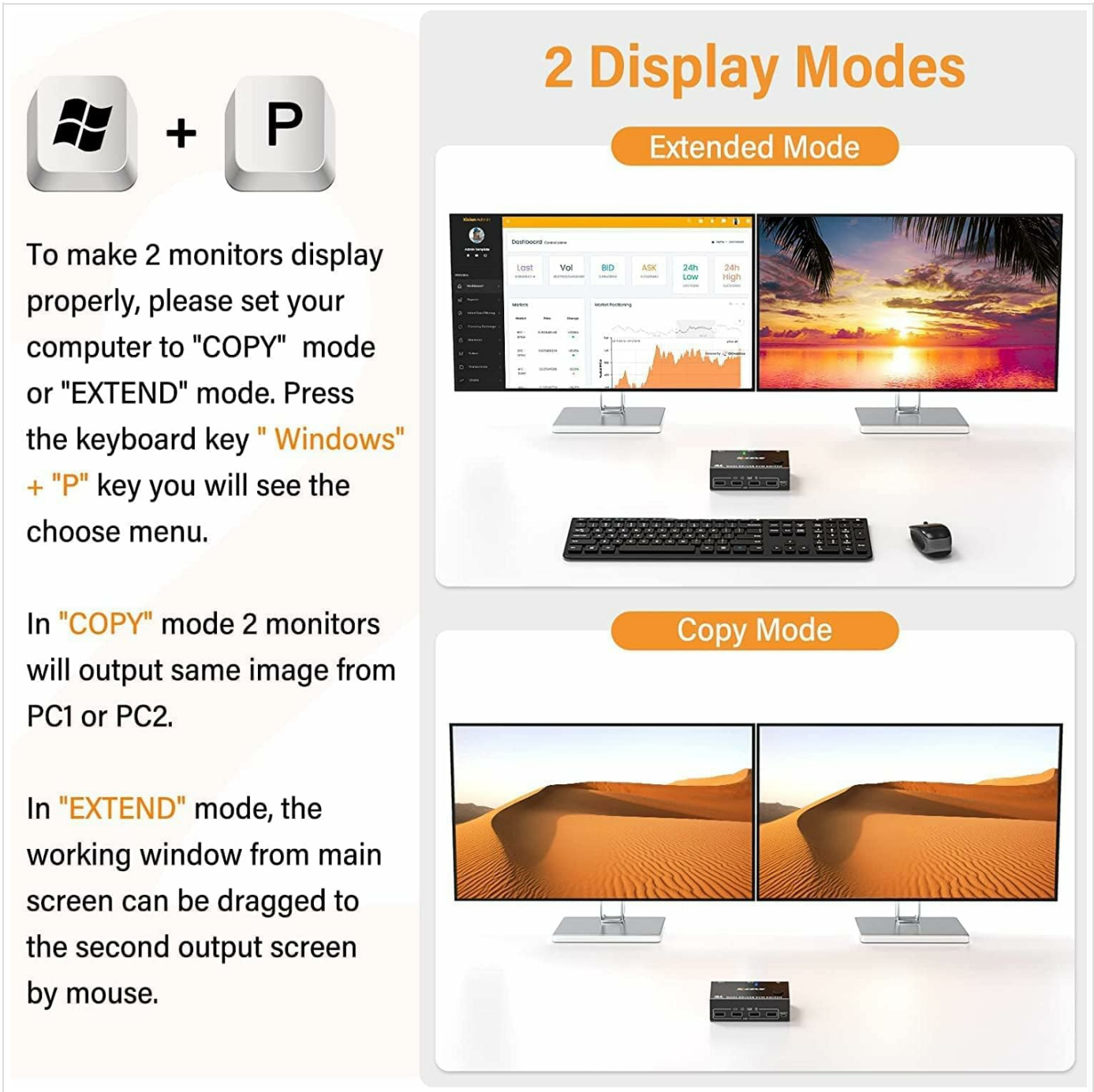


Image: Visual representation of Extended Mode, where the desktop spans two monitors, and Copy Mode, where the same content is mirrored on both monitors.

4.3 USB Device Sharing

Any USB device connected to the front USB 3.0 ports of the KVM switch will be shared with the currently selected computer. When you switch computers, the USB devices will automatically switch to the newly selected computer.



Image: A printer, USB drive, keyboard, and mouse connected to the KVM switch, demonstrating how USB devices are shared between connected computers.

5. Maintenance

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 extreme temperatures.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure all cables are securely connected. Loose connections can cause signal loss or intermittent issues.

6. Troubleshooting

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

Problem	Possible Cause	Solution
No display on monitors.	Loose Displayport cables; incorrect input selected; computer not outputting signal; insufficient power.	Check all Displayport cable connections. Ensure the correct computer is selected on the KVM. Verify computer display settings. Connect an optional 5V DC power adapter if available.
Monitors flickering or unstable display.	Poor quality Displayport cables; insufficient power; high resolution/refresh rate demands.	Use high-quality Displayport 1.2 or higher cables. Connect an optional 5V DC power adapter. Try lowering the resolution or refresh rate temporarily to diagnose.

Problem	Possible Cause	Solution
Keyboard/Mouse or other USB devices not working.	Loose USB cables; KVM not powered; incompatible USB device.	Check all USB cable connections. Ensure the KVM is receiving power via the USB 3.0 cables from the computers. Some specialized gaming keyboards/mice or wireless dongles may require direct connection to the computer.
Only one monitor displays.	Computer not configured for dual display; incorrect cable connections.	Ensure your computer's graphics card supports dual Displayport output. Verify both Displayport cables from the computer are connected to the KVM. Check computer display settings (Windows Key + P) for Extend or Duplicate mode.
Switching is slow or unresponsive.	System negotiation time; KVM firmware (unlikely for plug-and-play).	Allow a few seconds for the system to re-establish connection after switching. Ensure all cables are secure.

If the problem persists after trying these solutions, please contact customer support.

7. Specifications

- **Model:** B0FYCB4L7L
- **Inputs:** 2 x Displayport (PC1), 2 x Displayport (PC2), 2 x USB 3.0 (PC1, PC2)
- **Outputs:** 2 x Displayport (Monitor A, Monitor B), 4 x USB 3.0 (Peripherals)
- **Video Resolution:** Up to 8K@60Hz, 4K@120Hz, 4K@60Hz (requires DP 1.2 cables)
- **USB Standard:** USB 3.0
- **Switching Methods:** Physical button, Wired remote controller
- **Power:** USB-powered (optional 5V DC input for stability)
- **Dimensions:** Approximately 8.07 x 5.91 x 2.52 inches
- **Weight:** Approximately 1.54 Pounds



Image: A visual representation of a display operating at 3840x2160 resolution at 60Hz with RGB 4:4:4 color, indicating 4K 60Hz HDR support.

8. Warranty and Support

The NAWEN Displayport KVM Switch comes with a one-year professional warranty from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as described under normal use.
For technical support, troubleshooting assistance, or warranty claims, please contact NAWEN customer service through

the retailer's platform where you purchased the product or visit the official NAWEN website for contact information. Please have your product model number (B0FYCB4L7L) and purchase details ready when contacting support.

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