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MLEEDA 8K Displayport KVM Switch 2 Monitores

MLEEDA 8K DisplayPort KVM Switch

USER MANUAL

Product Overview

The MLEEDA 8K DisplayPort KVM Switch allows you to control two computers or laptops using a single set of keyboard and mouse, while sharing two monitors. It supports both extended and copy display modes, and features four integrated USB 3.0 ports for connecting additional peripherals. This KVM switch is designed to streamline your workspace, providing efficient control over multiple systems.



Image: Front view of the MLEEDA 8K DisplayPort KVM Switch, showing input and output ports.



Image: A user operating two computers connected to two monitors via the KVM switch, demonstrating a shared workspace setup.

Package Contents

Please verify that all items listed below are included in your package:

- 1x MLEEDA 8K DisplayPort KVM Switch
- 2x DisplayPort (DP) Cables
- 2x USB 3.0 Cables
- 1x Wired Remote Control
- 1x USB Power Cable
- 1x User Manual (this document)



Image: Visual representation of the KVM switch and its included accessories: two DP cables, two USB 3.0 cables, a wired remote, and a USB power cable.

Setup Guide

Follow these steps to properly set up your MLEEDA 8K DisplayPort KVM Switch:

1. **Power Connection:** Connect the included USB Power Cable to the KVM switch's power input port (DC 5V) and to a USB power source (e.g., a computer USB port or a USB wall adapter). While the KVM switch is powered by USB cables, an external 5V adapter may be required for high-power USB devices (like HDDs or SSDs) connected to the KVM.
2. **Monitor Connections:**
    - Connect your two monitors to the "DP MONITOR OUT A" and "DP MONITOR OUT B" ports on the KVM switch using DisplayPort cables.
3. **Computer Connections (PC 1 & PC 2):**

- For **PC 1**: Connect two DisplayPort cables from PC 1's DP output ports to the "DP INPUT A1" and "DP INPUT B1" ports on the KVM switch.
- For **PC 1**: Connect one USB 3.0 cable from PC 1's USB port to the "USB3.0 INPUT A" port on the KVM switch.
- For **PC 2**: Connect two DisplayPort cables from PC 2's DP output ports to the "DP INPUT A2" and "DP INPUT B2" ports on the KVM switch.
- For **PC 2**: Connect one USB 3.0 cable from PC 2's USB port to the "USB3.0 INPUT B" port on the KVM switch.
- **Important Note:** Each computer requires *two* DisplayPort cables and *one* USB 3.0 cable connected to the KVM switch for proper dual monitor functionality. Ensure your PCs have dual DP outputs or use appropriate adapters (Mini DP to DP, USB-C to DP) if needed.

4. **Peripheral Connections:** Connect your keyboard, mouse, printer, U-disk, or other USB 3.0 devices to the four "USB3.0" ports on the front of the KVM switch.
5. **Wired Remote Control:** Plug the wired remote control into the dedicated port on the KVM switch for convenient switching.

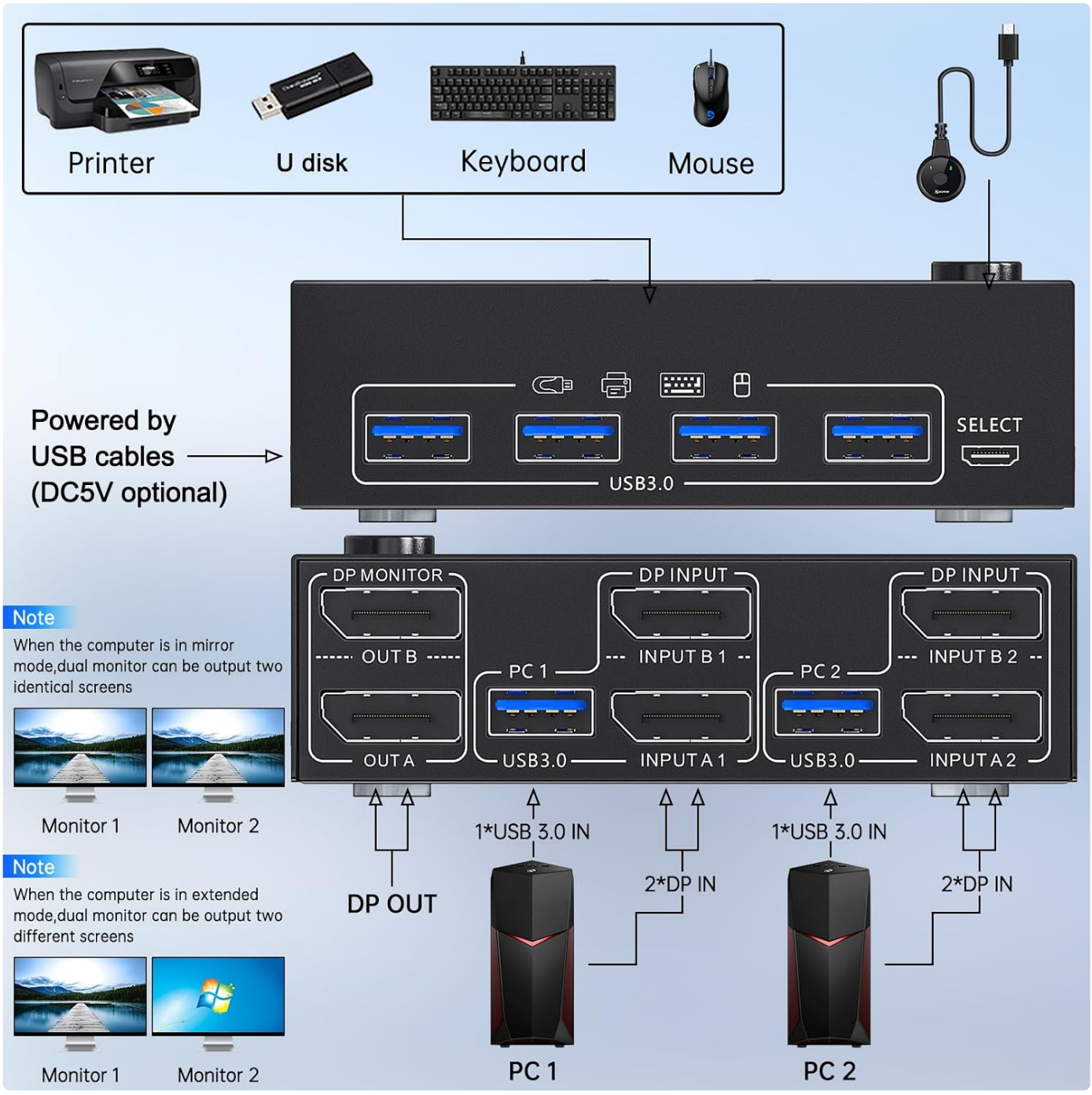


Image: A comprehensive diagram illustrating all necessary cable connections for the KVM switch, including PCs, monitors, and USB

peripherals.



Image: Close-up of the DC/5V power input port on the KVM switch.

Operating Instructions

Once the KVM switch is set up, you can easily switch between connected computers and manage your display modes.

Switching Between Computers

The KVM switch offers two convenient methods for switching between PC 1 and PC 2:

- **Front Panel Button:** Press the "SELECT" button located on the front panel of the KVM switch to toggle between the connected computers.
- **Wired Remote Control:** Use the included wired remote control to switch between computers. This provides flexibility for placement of the KVM switch.

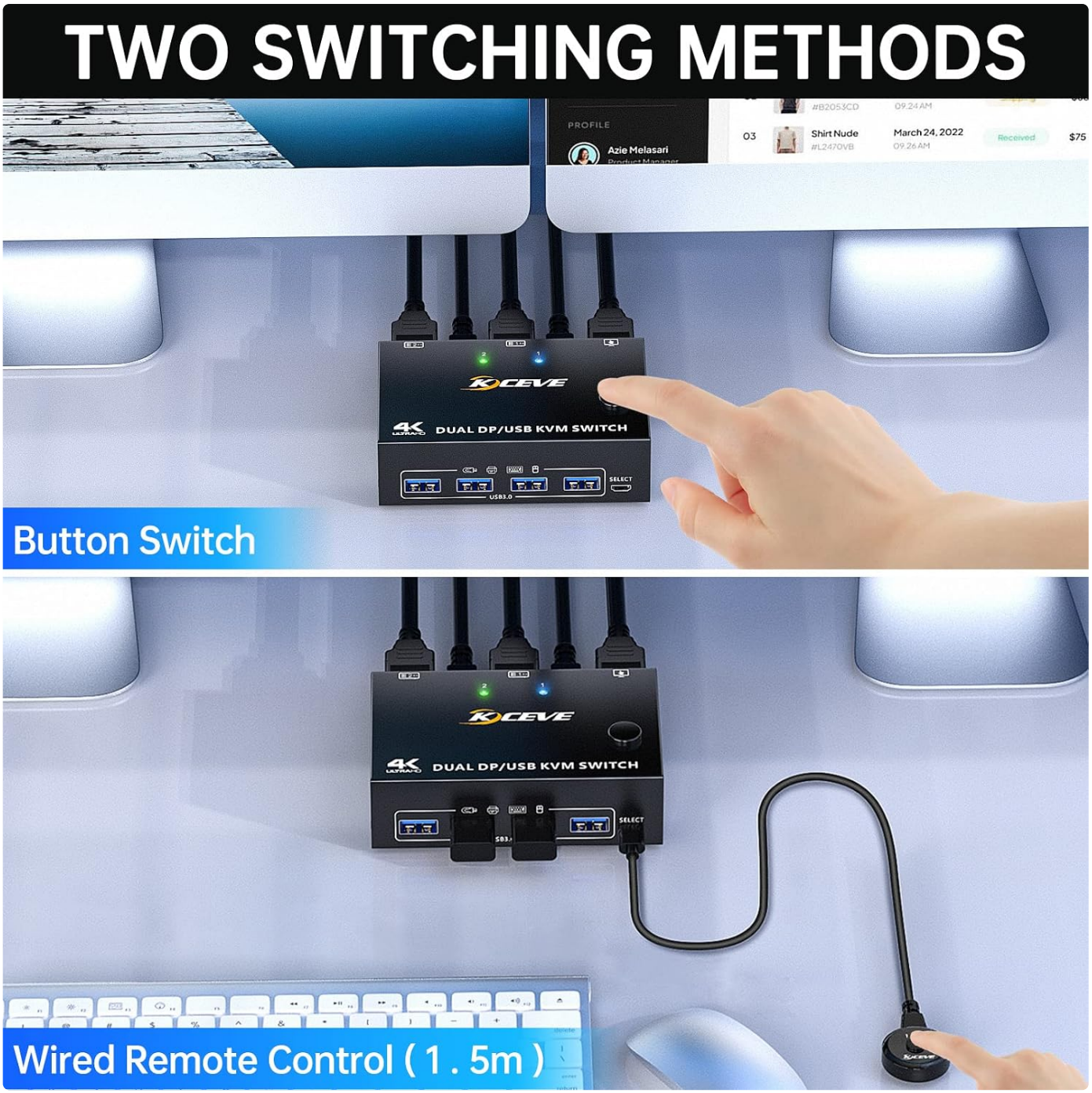


Image: Demonstrates the two switching methods: pressing the button on the KVM unit and using the wired remote control.

Display Modes (Extended vs. Mirror)

The KVM switch supports both extended and mirror display modes, depending on your operating system and configuration:

- **Extended Mode:** Allows you to display different content on each of your two monitors, effectively expanding your desktop. This mode is typically supported by Windows operating systems.
- **Mirror Mode (Copy Mode):** Displays the same content on both monitors. This mode is also supported, and for macOS, it typically only supports mirror mode for dual displays.

The final resolution and display mode are dependent on your graphics cards, monitors, and cables.

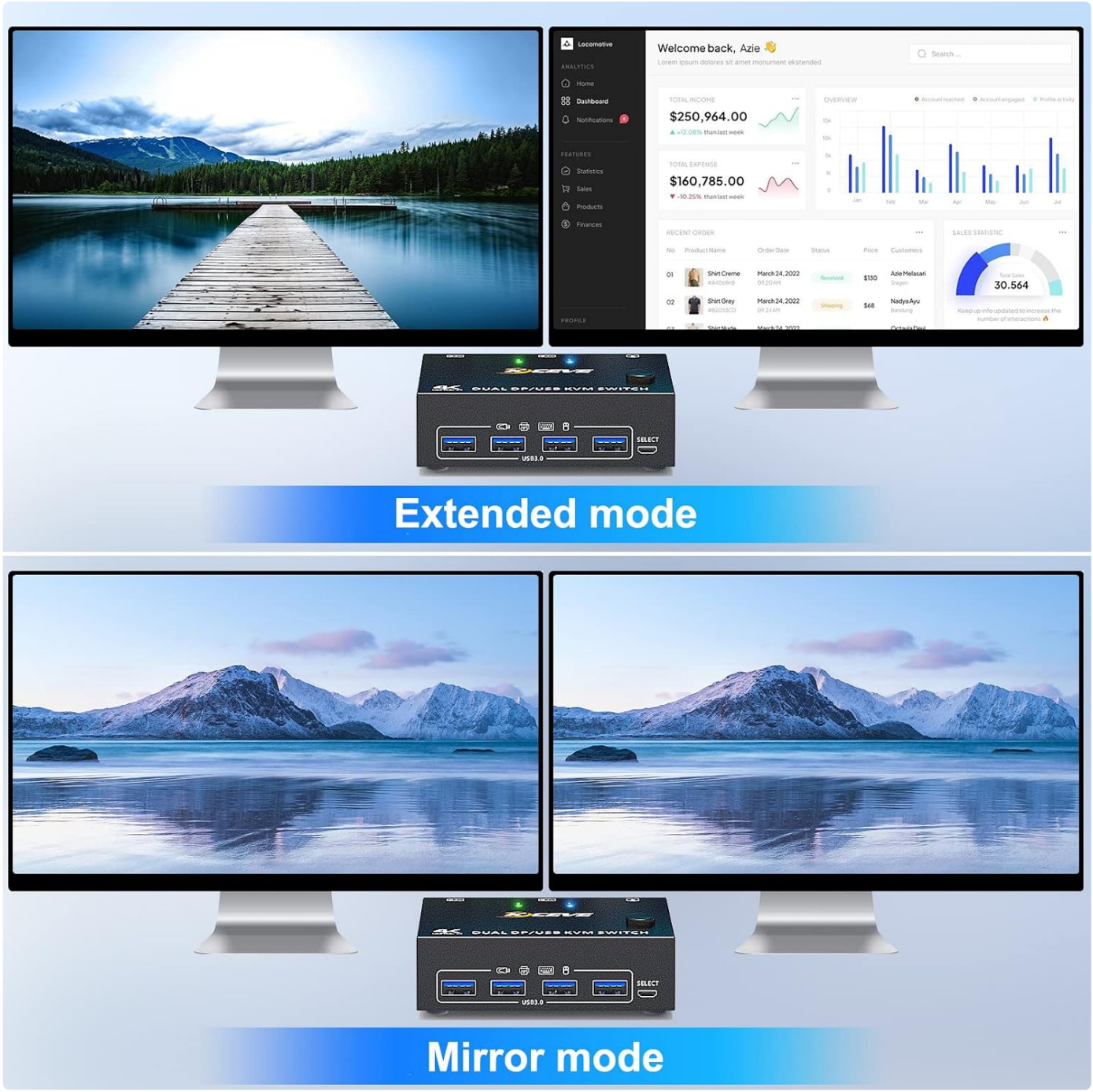


Image: Visual comparison of extended mode (different content on each screen) and mirror mode (same content on both screens).



Image: Illustrates how extended mode works for Windows OS (two different screens) and Mac OS (two identical screens).

USB 3.0 Data Transfer

The KVM switch features four USB 3.0 ports, supporting ultra-fast data transfer speeds of up to 5 Gbps. This allows for quick recognition and operation of various USB devices, including keyboards, mice, printers, scanners, and USB drives. The ports are backward compatible with USB 2.0/1.1 devices.



Image: Depicts the USB 3.0 ports on the KVM switch, highlighting their high-speed data transfer capabilities.

Maintenance

To ensure the longevity and optimal performance of your MLEEDA 8K DisplayPort KVM Switch, please follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the KVM switch. Avoid using liquid cleaners or abrasive materials, as they may damage the surface.
- **Ventilation:** Ensure the KVM switch is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Storage:** When not in use for extended periods, store the KVM switch in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Keep cables neatly organized to prevent strain on the ports and accidental disconnections.

Troubleshooting

If you encounter issues with your MLEEDA 8K DisplayPort KVM Switch, please refer to the following common problems and solutions:

Problem	**Possible Cause / Solution**
No display or incorrect resolution.	Ensure all DisplayPort cables are securely connected to both the KVM switch and your computers/monitors. Verify that each PC has **two** DisplayPort outputs and supports extended display. If not, use appropriate adapters (e.g., Mini DP to DP, USB-C to DP). Check your computer's display settings to ensure the correct resolution and refresh rate are selected. The final resolution is subject to your graphics cards, monitors, and cables. Try restarting the KVM switch and connected devices.
Keyboard/Mouse or other USB devices not working.	Ensure the USB 3.0 cables from your computers are securely connected to the KVM switch's "USB3.0 INPUT" ports. If using high-power USB devices (e.g., external HDDs), connect an external 5V power adapter to the KVM switch. Try connecting the USB device directly to the computer to confirm it functions independently. Switch to the other computer and then back to the problematic one using the KVM switch.
Desktop icons rearrange or display settings change after switching.	This KVM switch does not support EDID emulation. Therefore, desktop locations may shift during switching or initial boot-up. This is expected behavior.
Cannot achieve extended display mode on Mac OS.	Mac OS typically only supports mirror mode for dual displays with this KVM switch. Windows systems can expand to two different screens.



Image: A detailed connection diagram with important notes and warm tips for setup and troubleshooting, emphasizing the dual DP requirement and adapter usage.

Specifications

Feature	Detail
Model	8K Displayport KVM Switch 2 Monitores
Brand	MLEEDA
Material	Metal
Color	Black
Video Input	2 x DisplayPort (for PC1), 2 x DisplayPort (for PC2)
Video Output	2 x DisplayPort (for Monitors)
USB Input	2 x USB 3.0 Type-B (for PC1 & PC2)
USB Output	4 x USB 3.0 Type-A (for Peripherals)
Max Resolution	8K@30Hz, 4K@144Hz
Data Transfer Rate	Up to 5 Gbps (USB 3.0)
Switching Methods	Front Panel Button, Wired Remote Control
Power Supply	USB Powered (DC 5V optional for high-power devices)

Feature	Detail
Compatibility	Windows, Mac OS, Linux (Driver-free)
Product Dimensions	10.21 x 6.5 x 3 cm (approx. 4.02 x 2.56 x 1.18 inches)
Product Weight	712 g (approx. 1.57 lbs)



Image: Illustrates the 8K@30Hz and 4K@144Hz resolution support of the KVM switch.





Image: Shows the KVM switch is driver-free and compatible with Windows, Mac OS, Vista, Chrome OS, and Linux.

Warranty and Support

The MLEEDA 8K DisplayPort KVM Switch comes with a **1-year warranty** from the date of purchase.
For technical support, troubleshooting assistance, or warranty claims, please contact MLEEDA customer service through the platform where you purchased the product or refer to the official MLEEDA website for contact information.
Please have your product model number and purchase details ready when contacting support.

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