MLEEDA KC-KVM302DP-J

User Manual: MLEEDA Displayport KVM Switch

Model: KC-KVM302DP-J

Product Overview

The MLEEDA Displayport KVM Switch is designed to allow three computers to share two monitors and four USB 3.0 devices. This device streamlines your workspace by eliminating the need to constantly plug and unplug cables, enhancing efficiency and protecting your equipment. It supports both extended and copy display modes, providing flexibility for various computing needs. Key features include support for high resolutions up to 8K@60Hz, ultra-fast USB 3.0 data transfer rates, and multiple convenient switching methods. The KVM switch is driver-free, ensuring broad compatibility with Windows, Mac OS, Linux, and Chrome OS systems.



Image: The MLEEDA Displayport KVM Switch unit with included cables, showcasing its compact design and various ports.

Setup Instructions

Follow these steps to properly set up your MLEEDA Displayport KVM Switch:

1. **Power Connection:** Connect the included 12V power adapter to the DC/12V port on the KVM switch and plug it into a power outlet.
2. **Monitor Connections:** 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. **Computer Connections (Display):** For each computer (PC1, PC2, PC3), connect its two Displayport outputs to the corresponding "DP INPUT A" and "DP INPUT B" ports on the KVM switch. Ensure each computer supports multi-screen display.
4. **Computer Connections (USB):** For each computer (PC1, PC2, PC3), connect a USB 3.0 cable from its USB port to the corresponding "USB3.0 INPUT" port on the KVM switch. These cables enable the sharing of USB peripherals.
5. **Peripheral Connections:** Connect your USB keyboard, mouse, printer, U disk, or other USB 3.0/2.0 devices to the four USB 3.0 ports on the front of the KVM switch.
6. **Wired Remote Control:** If desired, connect the wired remote control to the dedicated port on the KVM switch for convenient desktop switching.
7. **High-Power Devices:** If connecting high-power USB devices (e.g., external hard drives), ensure the 12V power adapter is connected to the KVM switch to provide sufficient power.

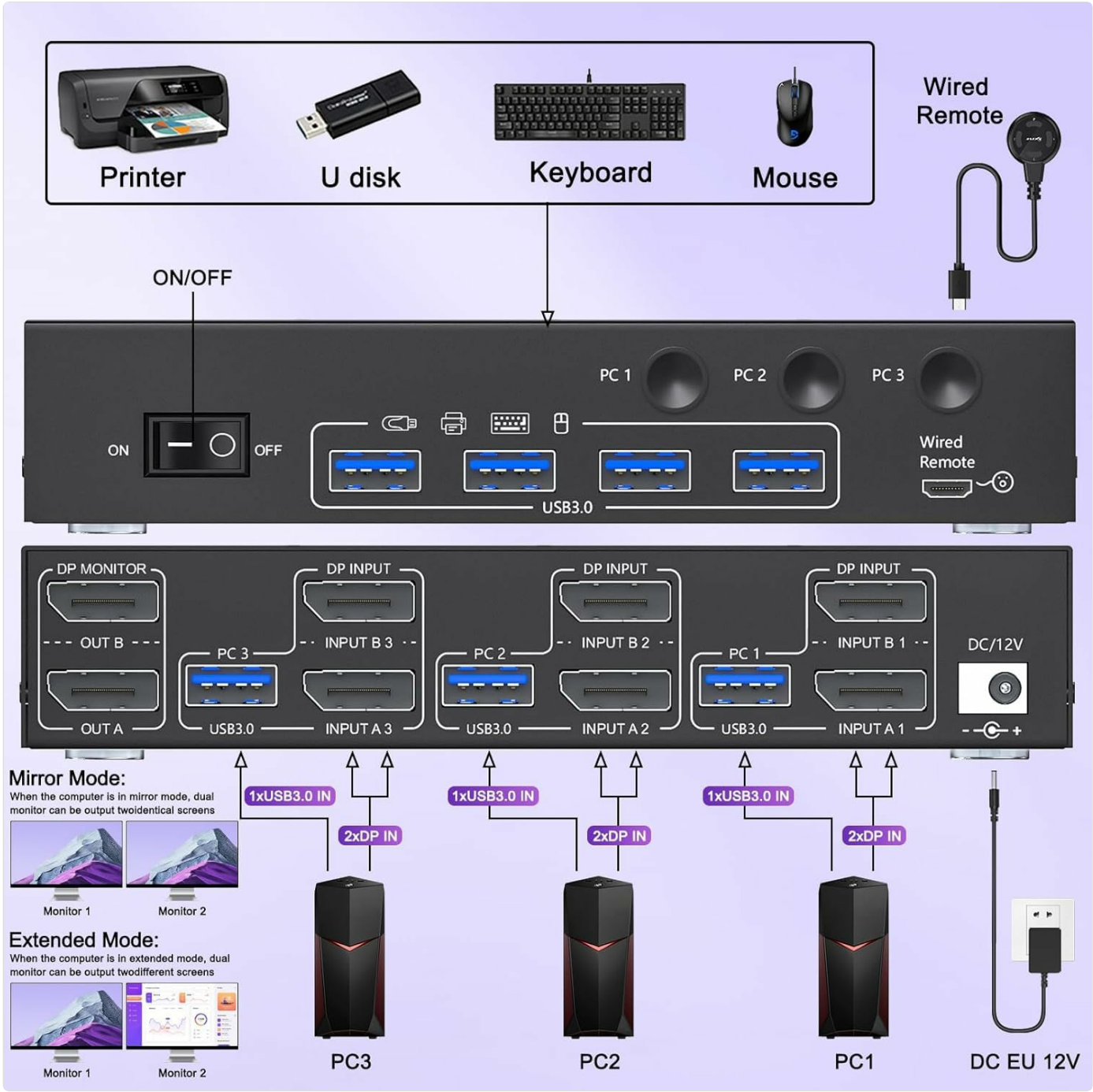


Image: Detailed connection diagram illustrating how to connect three computers, two monitors, and USB peripherals to the KVM switch.

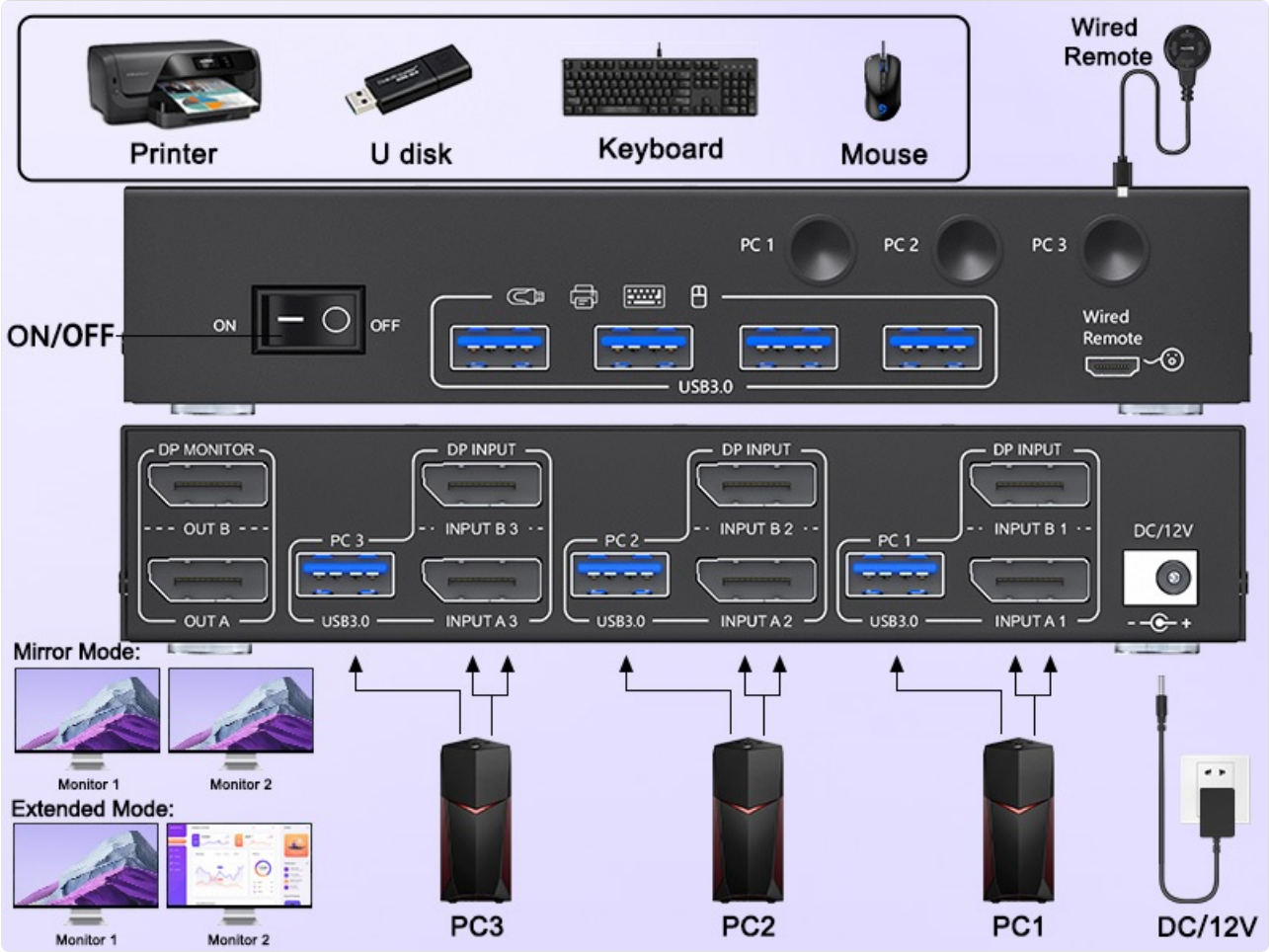


Image: An alternative visual guide for connecting the KVM switch, showing the flow from PCs to the switch and then to monitors and peripherals.

Operating Instructions

The MLEEDA Displayport KVM Switch offers flexible operation for seamless switching between connected computers.

Switching Methods:

- **Panel Buttons:** Press the "PC1", "PC2", or "PC3" buttons on the front panel of the KVM switch to switch to the desired computer. The LED indicators will show which computer is currently active.
- **Wired Remote Control:** Use the wired remote control to switch between computers. Simply press the button on the remote to cycle through the connected PCs. This allows for discreet placement of the KVM unit.



Image: Illustration of the two primary methods for switching between computers: directly on the KVM unit's buttons or via the convenient wired remote control.

Display Modes and Resolution:

The KVM switch supports both **Mirror Mode** (duplicate display) and **Extended Mode** (separate displays) for your two monitors. Ensure your computers are configured for the desired multi-monitor setup.

This KVM switch supports resolutions up to **8K@60Hz** and is backward compatible with 4K@240Hz, 4K@144Hz, 4K@120Hz, 4K@60Hz, 4K@30Hz, and lower resolutions. For optimal 8K resolution, ensure your computers, monitors, and Displayport cables (DP1.4) all support 8K.

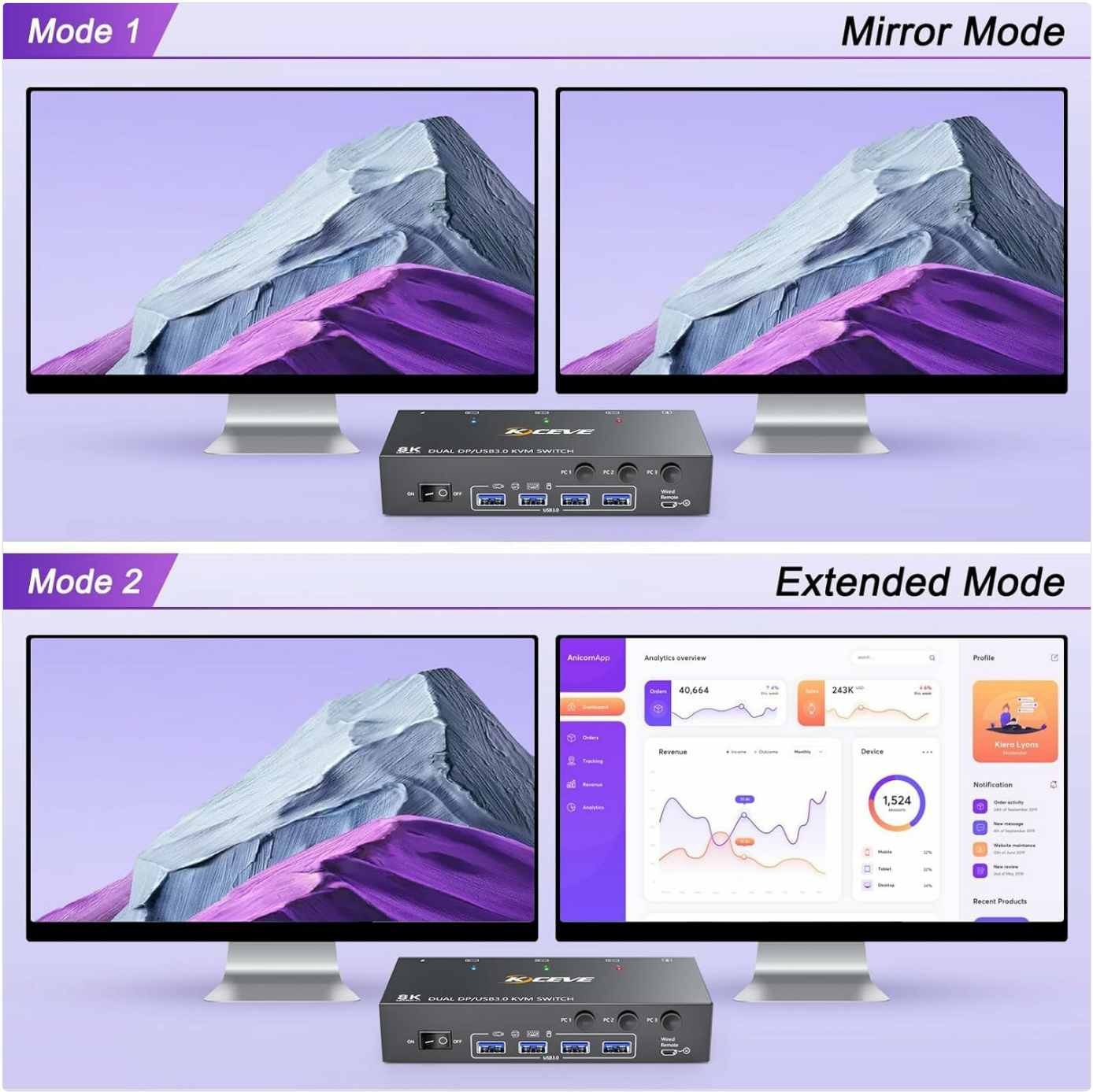


Image: Visual representation of Mirror Mode (displaying the same content on both monitors) and Extended Mode (extending the desktop across two monitors).



Image: A display showcasing the impressive 8K@60Hz resolution capabilities of the KVM switch, highlighting its high-definition visual output.

USB 3.0 Data Transfer:

The KVM switch is equipped with four USB 3.0 ports, supporting ultra-fast data transfer speeds of up to 5Gbps. This allows for quick and efficient use of connected USB devices such as keyboards, mice, printers, and external storage.



Image: A graphic illustrating the significant speed advantage of USB 3.0 (5Gbps) compared to USB 2.0 (480Mbps), emphasizing the fast data transfer capabilities of the KVM switch's USB ports.

Maintenance

To ensure the longevity and optimal performance of your MLEEDA Displayport KVM Switch, follow these simple maintenance guidelines:

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

Troubleshooting

If you encounter issues with your MLEEDA Displayport KVM Switch, refer to the following common troubleshooting steps:

- **No Display on Monitor(s):**
  - Ensure all Displayport cables are securely connected between the computers, KVM switch, and monitors.
  - Verify that each connected computer supports multi-screen display. You can test this by connecting the source computer directly to two monitors to confirm they both display.
  - Check if the correct input is selected on your monitors.
  - If using 8K resolution, confirm that all components (computers, monitors, and DP cables) are 8K compatible (DP1.4 recommended).
  - Try restarting the KVM switch by unplugging and replugging the power adapter.
- **USB Devices Not Working:**
  - Ensure the USB 3.0 cables are securely connected from each computer to the KVM switch.
  - If connecting high-power USB devices (e.g., external hard drives), ensure the 12V power adapter is connected to the KVM switch. Insufficient power can prevent devices from functioning.
  - Try connecting the USB device directly to the computer to confirm it functions independently.
- **Switching Issues:**
  - Ensure the KVM switch has power and the LED indicators are functioning.
  - If using the wired remote, ensure it is securely plugged into the KVM switch.
  - Try switching using the panel buttons directly on the KVM unit.
- **Intermittent Signal Loss:**
  - This can sometimes occur due to cable quality or length. Use high-quality, certified Displayport cables, especially for higher resolutions.
  - Ensure all cable connections are firm and not loose.
  - If the issue persists, try reducing the resolution or refresh rate to see if stability improves.

If these steps do not resolve the issue, please refer to the support section for further assistance.

Specifications

Feature	Detail
Model Number	KC-KVM302DP-J
Brand	MLEEDA
Product Dimensions	10.2 x 6.5 x 3.2 cm
Item Weight	950 g
Video Resolution Support	Up to 8K@60Hz, 4K@240Hz, 4K@144Hz, 4K@120Hz, 4K@60Hz, 4K@30Hz
USB Ports	4 x USB 3.0 (5Gbps data transfer)
Power Adapter	12V (external 5V/2A adapter required for high-power USB devices)

Feature	Detail
Switching Methods	Panel Buttons, Wired Remote Control
Compatibility	Windows 11/10/8.1/8/7, Mac OS, Linux, Chrome OS
Material	Metal
Operation Mode	ON-OFF
Current Rating	2 Amps
Operating Voltage	5 Volts



Image: The packing list detailing included items and a diagram showing the physical dimensions of the KVM switch.

Warranty and Support

Warranty Information:

Please refer to the product packaging or the official MLEEDA website for detailed warranty information regarding your Displayport KVM Switch. Warranty terms and conditions may vary by region and purchase date.

Customer Support:

For technical assistance, troubleshooting, or any product-related inquiries, please contact MLEEDA customer service. Contact information can typically be found on the product packaging, the official MLEEDA website, or through your point of purchase. When contacting support, please have your product model number (KC-KVM302DP-J) and purchase details ready to facilitate a quicker resolution.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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