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› AOOCOO Dual Monitor KVM Switch User Manual (4K 2 PC 2 Monitor DP HDMI)

AOOCOO 4K 2 PC 2 Monitor DP HDMI KVM

AOOCOO Dual Monitor KVM Switch User Manual

Model: 4K 2 PC 2 Monitor DP HDMI KVM

1. PRODUCT OVERVIEW

The AOOCOO Dual Monitor KVM Switch allows two computers to share one set of wired or wireless keyboard, mouse, and two monitors. It supports high-resolution video output and provides USB 3.0 ports for peripheral sharing.



Image 1.1: Front and rear view of the AOOCOO Dual Monitor KVM Switch, showing ports and included accessories.

Package Contents:

- 1x AOOCOO Dual Monitor KVM Switch
- 2x USB 3.0 Cables (1.5m/4.9ft)
- 1x Wired Remote Controller (1.5m/4.9ft)
- 1x User Manual
- 1x Power Cable (1.5m/4.9ft)



Wide Application



Image 1.2: Visual representation of all items included in the product package.

2. SETUP INSTRUCTIONS

Follow these steps to correctly set up your KVM switch.

2.1 Connection Diagram

Each computer requires one DisplayPort cable, one HDMI cable, and one USB 3.0 cable to be connected to the KVM switch for full functionality (video and USB device recognition).

1. Connect your two monitors to the KVM switch's **HD OUT A** and **DP OUT B** ports.
2. For PC1, connect its DisplayPort output to the KVM's **DP INPUT A1** and its HDMI output to **HD INPUT B1**.
3. For PC2, connect its DisplayPort output to the KVM's **DP INPUT A2** and its HDMI output to **HD INPUT B2**.
4. Connect the included USB 3.0 cables from PC1 and PC2 to the respective **USB 3.0** input ports on the KVM switch

(labeled PC1 and PC2). This is crucial for keyboard, mouse, and other USB device recognition.

5. Connect your keyboard, mouse, printer, USB flash drive, or other USB 3.0 devices to the **USB 3.0** ports on the front of the KVM switch.
6. If using high-power USB devices (e.g., external hard drives, headphones), connect the provided power cable to the **DC/5V** port on the KVM switch for stable operation.
7. Connect the wired remote controller to its dedicated port on the KVM switch.

Note: Each computer needs to be connected to one DP and one HDMI cable and one USB3.0 cable in order to display two monitors and have the keyboard and mouse recognized

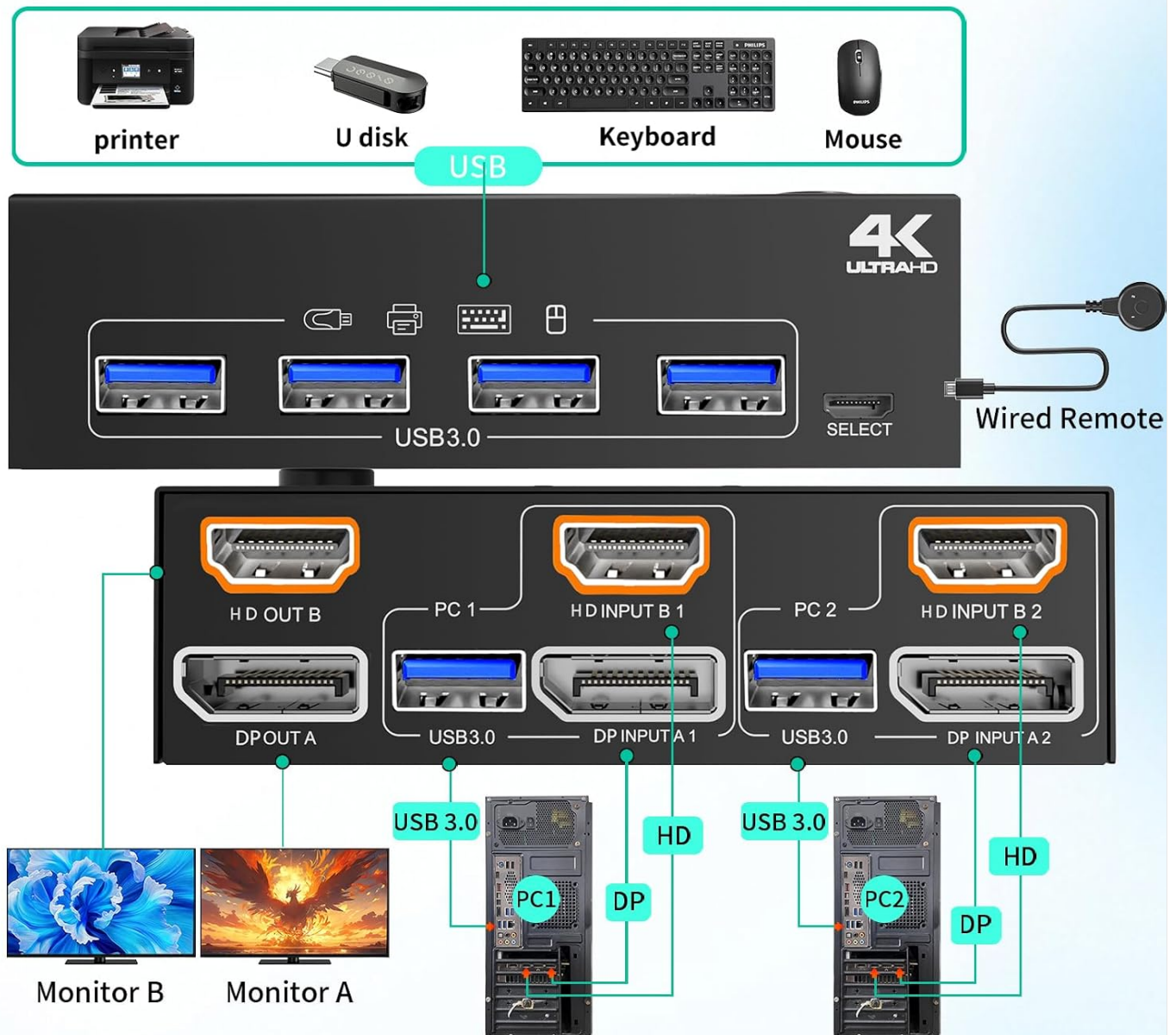


Image 2.1: Step-by-step visual guide for connecting two PCs, two monitors, and USB peripherals to the KVM switch.

Note: Each computer needs to be connected to one DP and one HDMI cable and one USB3.0 cable in order to display two monitors and have the keyboard and mouse recognized

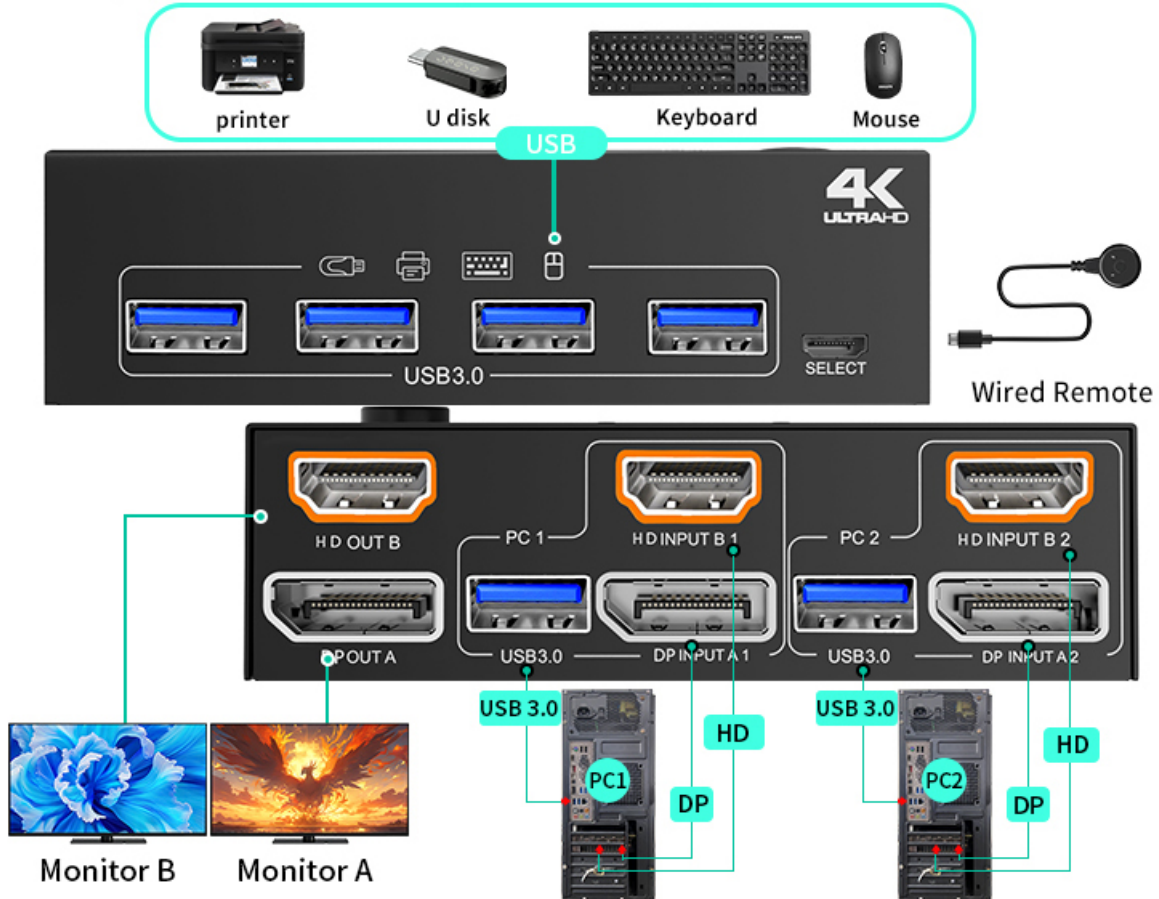


Image 2.2: Illustration highlighting the DC/5V power input for enhanced stability with high-power USB devices.

3. OPERATING INSTRUCTIONS

The KVM switch is driver-free and plug-and-play. It offers multiple methods for switching between connected computers.

3.1 Switching Methods

- **Physical Button:** Press the 'SELECT' button on the front panel of the KVM switch to switch between PC1 and PC2.
- **Wired Remote Controller:** Use the included wired remote to switch between computers. Two color lights on the remote indicate the active computer.

Two Switching Ways



Physical button switch



Wired remote

Image 3.1: Demonstrates the two methods for switching between connected computers: the physical button on the unit and the wired remote controller.

3.2 Display Modes (Extended and Copy)

After connecting, you can configure your display mode:

1. On your keyboard, simultaneously press the **Windows key + P**.
2. A small window will appear, allowing you to select either **Extended Mode** or **Copy Mode**.
3. **Extended Mode**: Two monitors display different images, allowing you to drag windows between them. This mode also allows for individual resolution adjustment for each monitor.
4. **Copy Mode**: Both monitors display the same image from the active PC.

Extend Mode

Extended mode: In "extended" mode, two monitors display different images, and windows can be dragged between two monitors



Copy Mode

Copy mode: In "Copy" mode, two monitors display the same image from PC1 or PC2.



Extended mode: In "extended" mode, two monitors display different images, and windows can be dragged between two monitors



Image 3.2: Visual comparison of Extended Mode (two distinct displays) and Copy Mode (mirrored displays).

4. SPECIFICATIONS

Key technical details of the AOCOCO Dual Monitor KVM Switch.

Feature	Detail
Brand	AOCOCO
Model	4K 2 PC 2 Monitor DP HDMI KVM
Video Inputs	2x HDMI, 2x DisplayPort (per PC)
Video Outputs	1x HDMI, 1x DisplayPort (to monitors)

Feature	Detail
USB Ports	4x USB 3.0 (for peripherals), 2x USB 3.0 (for PC connection)
Max Resolution	4K@60Hz, 2K@120Hz
USB Data Transfer	5Gbps (USB 3.0)
Operation Mode	ON-ON
Operating Voltage	5 Volts
Contact Material	Metal
Dimensions	7.91 x 6.02 x 2.64 inches (approx. 20.1 x 15.3 x 6.7 cm)
Weight	1.12 Pounds (approx. 0.51 kg)
Compatibility	Windows, Mac OS, Chrome OS

**Supports up to 4K@60Hz/2K@120Hz
and backward compatible**



Image 4.1: Illustrates the supported video resolutions and refresh rates, including 4K@60Hz and 2K@120Hz.



Image 4.2: Highlights the capability of sharing four USB 3.0 devices between two PCs with ultra-fast 5Gbps data transfer.

No driver required, plug and play

Compatible with multiple operating systems



Image 4.3: Shows the KVM switch's broad compatibility with various operating systems, including Windows, Mac OS, and Chrome OS.

5. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions.

- **No Display or Intermittent Display:**

- Ensure all HDMI and DisplayPort cables are securely connected to both the KVM switch and your computers/monitors.
- Try power cycling the KVM switch (unplug and replug the power cable) if monitors are not registering.
- If experiencing instability at 4K/144Hz or with variable refresh rates, try manually setting the refresh rate to 120Hz on your computer's display settings.

- **USB Devices (Keyboard/Mouse/Peripherals) Not Recognized:**

- Verify that the USB 3.0 cables from each PC are correctly connected to the corresponding PC1/PC2 USB

input ports on the KVM switch.

- Ensure the KVM switch is powered via the DC/5V port, especially when using high-power USB devices.
- If a specific USB device (e.g., keyboard) is not found, try switching to another PC and then back to the original PC to re-enable the connection.

- **Computer Does Not Wake from Sleep:**

- Some computers may not wake from sleep via KVM-connected keyboard/mouse. You may need to press the power button directly on the computer to wake it.
- For MacBooks, if the monitor does not wake, try unplugging and replugging the USB to DisplayPort cable.

6. MAINTENANCE

To ensure the longevity and optimal performance of your KVM switch, follow these maintenance guidelines:

- Keep the device in a clean, dry environment, away from dust and moisture.
- Avoid exposing the KVM switch to extreme temperatures or direct sunlight.
- Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- Ensure proper cable management to prevent strain on ports and cables, which can lead to connection issues.
- Periodically check all cable connections to ensure they are secure.

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact AOOCOO customer service directly. The manufacturer is AOOCOO.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question