

2-Port DisplayPort KVM Switch, 4K 60Hz, DP 1.2, EDID Management, 2-Port USB 3.0 Hub, 4x USB HID Ports, TAA Compliant

**Product ID:** P2AD122-KVM-SWITCH



This DisplayPort KVM Switch enables users to switch between two desktops equipped with USB-A and DisplayPort. It allows sharing of a 4K 60Hz DisplayPort monitor, a keyboard, mouse, two USB 5Gbps devices, a stereo audio output device, and two additional USB 2.0 devices.

This KVM supports resolutions up to 4K 60Hz, making it ideal for applications such as CAD/CAM, video editing, and content creation. It has been extensively tested to ensure compatibility across a wide range of devices and environments. HDCP Engine enables transmission of protected content. It also features flexible EDID management with options to retain, auto-detect, or default, reducing resolution mismatch issues and simplifying display-related troubleshooting for IT teams.

This universal KVM switch offers hotkey and push-button switching. Hotkeys allow independent switching of audio and video, enabling audio playback from one computer while controlling another. An audible buzzer confirms hotkey inputs, and LEDs provide visual status feedback for the selected host.

The TAA-compliant KVM Switch offers universal compatibility and works with all operating systems, including Windows, macOS, ChromeOS, and Linux. The KVM provides BIOS/UEFI control and is compatible with all hardware platforms, including Intel, AMD, and Apple Silicon (M-Series).

The rugged metal case helps prevent electromagnetic interference (EMI). 4kV Air/4kV Contact ESD protection enhances the reliability and longevity of the KVM. The included set of rubber feet protect the work surface from scratches and keep KVM in place during operation.

## Certifications, Reports and Compatibility





## Applications

- Share a monitor, mouse, keyboard, and stereo audio peripheral between two desktop computers
- Great for applications like CAD/CAM, video editing, and content creation

## Features

- **QUICK SWITCHING 4K 60HZ KVM:** Control two DisplayPort-enabled desktops, workstations, or servers from one mouse, keyboard, USB 5Gbps hub, and 4K 60Hz DisplayPort monitor; Ideal for CAD, video editing, and content creation applications
- **EDID AND CONTENT MANAGEMENT:** Flexible EDID handling with retain, auto-detect, and default modes helps mitigate resolution mismatches and content blocking, simplifying display-related troubleshooting; HDCP Engine enables transmission of protected content
- **UNIVERSAL COMPATIBILITY:** TAA-Compliant KVM Switch provides BIOS control and works with any operating system including Windows, macOS, ChromeOS, and Linux, with no software required; Compatible with all hardware platforms such as Intel, AMD, and Apple
- **MULTIPLE SWITCHING OPTIONS:** Switch between systems using push-buttons or hotkeys with audible confirmation; LED indicators provide at-a-glance port status, while independent audio control lets you monitor audio from one system while managing another
- **DURABLE DESIGN:** Metal housing helps prevent Electro-magnetic Interference (EMI); 4kV Air and 4kV Contact ESD protection enhance the reliability and longevity of the KVM; Included rubber feet protect the work surface and keep KVM in place during operation

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### Hardware

|                              |                       |
|------------------------------|-----------------------|
| Warranty                     | 2 Years               |
| Audio                        | Yes                   |
| KVM Ports                    | 2                     |
| PC Interface                 | USB 3.2 Gen 1 (5Gbps) |
| PC Video Type                | DisplayPort           |
| Number of Monitors Supported | 1                     |
| Rack-Mountable               | No                    |

|                     |                             |                                                                                                                                                                                               |
|---------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | Cables Included             | No                                                                                                                                                                                            |
| <hr/>               |                             |                                                                                                                                                                                               |
| <b>Performance</b>  |                             |                                                                                                                                                                                               |
|                     | On-Screen Display           | No                                                                                                                                                                                            |
|                     | Video Revision              | DisplayPort 1.2                                                                                                                                                                               |
|                     | IP Control                  | No                                                                                                                                                                                            |
|                     | Hot-Key Selection           | Yes                                                                                                                                                                                           |
|                     | Maximum Data Transfer Rate  | 5Gbps                                                                                                                                                                                         |
|                     | Maximum Cable Length        | 9.8 ft [3 m]                                                                                                                                                                                  |
|                     | Maximum Digital Resolutions | 4K 60Hz                                                                                                                                                                                       |
|                     | Supported Resolutions       | 3840 x 2160 60Hz<br>2560 x 1440 60Hz<br>1920 x 1080 60Hz<br>Other resolutions and refresh rates may be supported                                                                              |
|                     | Wide Screen Supported       | Yes                                                                                                                                                                                           |
|                     | Audio Specifications        | DisplayPort - 2 Channel Audio<br>Analog Stereo - 2 Channel Audio                                                                                                                              |
|                     | Auto Scan                   | 3, 8, 15 & 30 seconds                                                                                                                                                                         |
|                     | Port Selection Support      | Push Button and Hotkeys                                                                                                                                                                       |
|                     | MTBF                        | 130,000 Hours                                                                                                                                                                                 |
| <hr/>               |                             |                                                                                                                                                                                               |
| <b>Connector(s)</b> |                             |                                                                                                                                                                                               |
|                     | Console Interface(s)        | 4 - USB 2.0 Type-A (4 pin, 480Mbps)<br>2 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps)<br>1 - 3.5mm Stereo Female 3 pos<br>1 - DisplayPort<br>1 - Barrel Power Connector (Size M, OD:5.50, ID: 2.10) |
|                     | Host Connectors             | 2 - DisplayPort                                                                                                                                                                               |

2 - USB 3.2 Type-B (9 pin, Gen 1, 5Gbps)

2 - 3.5mm Stereo Female 3 pos

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#### Software

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|------------------|---------------------------------|
| OS Compatibility | No Drivers or Software Required |
|------------------|---------------------------------|

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#### Indicators

|                |                                                                                                              |
|----------------|--------------------------------------------------------------------------------------------------------------|
| LED Indicators | 2 - Port Selection:<br><br>Solid Green - PC 1 ~ 2 connected (powered on)<br><br>Solid Red - Selected PC Port |
|----------------|--------------------------------------------------------------------------------------------------------------|

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#### Power

|                              |                     |
|------------------------------|---------------------|
| Power Source                 | AC Adapter Included |
| Input Voltage                | 100 - 240 AC        |
| Input Current                | 1.0A                |
| Output Voltage               | 12V DC              |
| Output Current               | 3A                  |
| Center Tip Polarity          | Positive            |
| Plug Type                    | M                   |
| Power Consumption (In Watts) | 36W                 |

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#### Environmental

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|-----------------------|---------------------------|
| Operating Temperature | 0C to 40C (32F to 104F)   |
| Storage Temperature   | -20C to 60C (-4F to 140F) |
| Humidity              | 0% ~ 80% RH               |

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#### Physical Characteristics

|                |                 |
|----------------|-----------------|
| Color          | Black           |
| Material       | Steel           |
| Product Length | 6.3 in [160 mm] |
| Product Width  | 3.9 in [100 mm] |

Product Height 1.6 in [40 mm]

Weight of Product 22.6 oz [640 g]

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#### Packaging Information

Package Length 7.2 in [18.4 cm]

Package Width 9.4 in [23.8 cm]

Package Height 3.5 in [8.9 cm]

Shipping (Package) Weight 5.2 oz [147.0 g]

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#### What's in the Box

Included in Package

- 1 - KVM Switch
- 1 - Set of Rubber Feet
- 1 - Universal Power Adapter (NA/EU/UK/ANZ)
- 1 - Quick-Start Guide

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#### Warranty Information

Warranty 2 Years

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***\*Product appearance and specifications are subject to change without notice.***