

2-Port Dual-Monitor DisplayPort KVM Switch with Dual View Video Matrix, 4K 60Hz, 4x USB Hub Ports, Hotkey Switching, DP 1.2 Matrix KVM, TAA Compliant

Product ID: P2ADD121D-KVM-SWITCH



The Video Matrix KVM Switch allows you to view one display from each connected computer and switch the keyboard, mouse, and audio device between the selected displays using hotkeys. You can also switch all connected peripherals and both monitors like a standard KVM.

The TAA-Compliant KVM Switch provides BIOS/UEFI control and works with any operating system, including Windows, macOS, and Linux. No software is required, and it is compatible with all hardware platforms such as Intel, AMD, and Apple Silicon.

Switching KVM ports is easy with the front-facing push button, hotkeys, or the included remote selector cable. An audible buzzer provides confirmation, and LEDs offer quick visual port selection status.

The durable design features a steel housing that helps prevent Electro-Magnetic Interference (EMI), enhancing the stability and reliability of the KVM. Its sturdy construction makes it ideal for installation in a variety of environments, and it offers 8kV Air/6kV Contact ESD protection.

Eliminate the need to connect 3.5mm cables from the computers to the KVM by using this KVM switch's built-in USB audio device, which provides 3.5mm audio jacks for both microphone and speakers. This setup simplifies your workspace by integrating audio management directly into the KVM switch.

Developed to improve performance and security, StarTech.com Connectivity Tools is the only software suite on the market that works with a wide range of IT connectivity accessories. The software suite includes:

- Advanced Windows Layout Utility: Setup and save custom windows layouts.
- USB Event Monitoring Utility: Track and log connected USB devices.

For more information and to download the StarTech.com Connectivity Tools application, please visit: www.startech.com/connectivity-tools

Certifications, Reports and Compatibility



Applications

- Monitor and switch between two computers using video matrix functionality
- Share dual monitors, a mouse, keyboard, and audio device between two desktop computers

Features

- **VIDEO MATRIX KVM SWITCH:** Functions as a KM-only or full KVM switch: view one screen from each computer and switch keyboard, mouse, and USB audio between them (KM only), or control both displays and peripherals from a single PC (KVM)
- **MULTIPLE SWITCHING OPTIONS:** Easy to switch KVM ports using the front-facing pushbutton, hotkeys, or the included remote selector cable, with an audible buzzer providing confirmation; LEDs provide quick visual port selection status
- **UNIVERSAL COMPATIBILITY:** TAA-Compliant KVM Switch provides BIOS/UEFI control and works with any operating system including Windows, macOS, and Linux; No software required; Compatible with all hardware platforms such as Intel, AMD, and Apple Silicon
- **DURABLE DESIGN:** Steel housing helps prevent Electro-Magnetic Interference (EMI) enhancing stability and reliability of the KVM; Sturdy construction makes it ideal for installation in a variety of environments; 8kV Air/6kV Contact ESD protection
- **OUR ADVANTAGE:** Included connectivity tools for IT Pro's and IT help-desk support teams with USB Event Monitoring for logging USB device connections with timestamps, and Windows Layout to restore windows locations upon switching hosts

Hardware

Warranty	2 Years
Audio	Yes
KVM Ports	2
PC Interface	USB

PC Video Type	DisplayPort
Number of Monitors Supported	2
Rack-Mountable	No
Cables Included	No
Industry Standards	DisplayPort 1.2 USB 2.0
Daisy-Chain	No

Performance

On-Screen Display	No
Video Revision	DisplayPort 1.2
IP Control	No
Hot-Key Selection	Yes
Maximum Data Transfer Rate	480Mbps
Maximum Digital Resolutions	3840x2160 60Hz (4:4:4 10-bit)
Supported Resolutions	3840x2160 60Hz 2560x1440 2048x1152 1920x1440 1920x1200 1920x1080 1856x1392 1792x1344 1680x1050 1600x1200 1600x900 1400x1050 1440x900

1360x768	
1366x768	
1280x1024	
1280x960	
1280x768	
1280x720	
1280x600	
1152x864	
1024x768	
800x600	
720x576	
720x480	
640x480	
	Other resolutions and refresh rates may be supported
Wide Screen Supported	Yes
Audio Specifications	Analog Stereo - 2 Channel Audio
Auto Scan	10, 20, 30, 40, 50, and 60 seconds
Port Selection Support	Push Button and Hotkeys
MTBF	87,298 Hours

Connector(s)

Console Interface(s)	2 - DisplayPort
	4 - USB 2.0 Type-A (4 pin, 480Mbps)
	2 - 3.5mm Stereo Female 3 pos
Host Connectors	4 - DisplayPort
	2 - USB Type-B (4 pin) USB 2.0

Software

OS Compatibility	No Drivers or Software Required
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Special Notes / Requirements

Note	This KVM Switch does not support Multi-Stream Transport (MST) pass-through
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Indicators

LED Indicators	1 - Power: Solid Red indicates the KVM Switch is receiving power
	1 - PC 1:
	Flashing Green indicates PC 1 Port is selected, but no USB Connection is detected
	Solid Green: PC 1 Port is selected and a USB Connection is detected
	1 - PC 2:
	Flashing Green indicates PC 2 Port is selected, but no USB Connection is detected
	Solid Green: PC 2 Port is selected and a USB Connection is detected

Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	1A
Output Voltage	12V DC
Output Current	3A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	36W

Environmental

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-20C to 60C (-4F to 140F)
Humidity	0% ~ 90% RH (non-condensing)

Physical Characteristics

Color	Black
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Material	Aluminum and Steel
Product Length	8.7 in [221 mm]
Product Width	4.1 in [105 mm]
Product Height	1.0 in [26 mm]
Weight of Product	22.6 oz [640 g]

Packaging Information

Package Length	11.5 in [29.2 cm]
Package Width	9.8 in [25.0 cm]
Package Height	3.1 in [7.8 cm]
Shipping (Package) Weight	3.4 lb [1.5 kg]

What's in the Box

Included in Package	1 - KVM Switch
	1 - Remote Selector Cable
	1 - Universal Power Adapter (NA/EU/UK/ANZ)
	1 - Quick-Start Guide

Warranty Information

Warranty	2 Years
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**Product appearance and specifications are subject to change without notice.*

