VEDINDUST SW622

VEDINDUST 8K 2-Port 3-Monitor DisplayPort KVM Switch with USB 3.0 Hub

Model: SW622 | User Manual

1. Introduction

The VEDINDUST 8K 2-Port 3-Monitor DisplayPort KVM Switch (Model SW622) is designed to enhance your workspace efficiency by allowing two computers to share three DisplayPort monitors and four USB 3.0 peripheral devices. This device supports high resolutions up to 8K@60Hz and 4K@144Hz, providing a clear and immersive visual experience. It is ideal for users who need to manage multiple computers with a single set of peripherals and displays, supporting both extended and duplicate display modes.

Please read this manual thoroughly before installation and operation to ensure proper usage and optimal performance of your KVM switch.

2. Package Contents

Verify that all items listed below are included in your package:

- 1x VEDINDUST 8K 2-Port 3-Monitor DisplayPort KVM Switch (Model SW622)
- 2x USB 3.0 A-to-A Cables
- 1x Wired Remote Controller
- 1x DC 12V Power Adapter
- 1x User Manual

Image: Contents of the VEDINDUST KVM Switch package, including the main unit, necessary cables, remote, power adapter, and documentation.

3. Product Overview

The KVM switch features a robust design with clearly labeled ports for easy connection. Below is a diagram illustrating the input and output ports:

Image: Detailed connection diagram of the KVM switch, highlighting input ports for two PCs (PC1 IN, PC2 IN) and output ports for three monitors (OUT A, OUT B, OUT C), along with USB 3.0 ports and control interfaces.

Front Panel:

- **USB 3.0 Ports (1-4):** Connect your USB peripherals such as keyboard, mouse, printer, USB flash drive, etc.
- **PC1/PC2 Switch Button (SW):** Press to switch between Computer 1 and Computer 2.
- **LED Indicators:** Show which computer is currently selected.
- **Control Port:** Connect the wired remote controller for convenient switching.

Rear Panel:

- **DC 12V:** Power input port. Connect the provided power adapter.
- **PC1 IN (DP1 A, DP1 B, DP1 C, USB3.0):**Connect to Computer 1's three DisplayPort outputs and one USB 3.0 port.
- **PC2 IN (DP2 A, DP2 B, DP2 C, USB3.0):**Connect to Computer 2's three DisplayPort outputs and one USB 3.0 port.
- **OUT A, OUT B, OUT C:** Connect to your three DisplayPort monitors.

4. Setup Instructions

Follow these steps to set up your KVM switch:

1. **Power Off Devices:** Ensure both computers and all monitors are powered off before making any connections.
2. **Connect Monitors:** Connect your three DisplayPort monitors to the KVM switch's**OUT A**, **OUT B**, and **OUT C** ports using DisplayPort cables (not included).
3. **Connect Computers (PC1):**
   - Connect Computer 1's three DisplayPort outputs to the KVM switch's**DP1 A**, **DP1 B**, and **DP1 C** ports.
   - Connect Computer 1's USB 3.0 port to the KVM switch's**USB3.0 (PC1 IN)** port using one of the provided USB 3.0 A-to-A cables.
4. **Connect Computers (PC2):**
   - Connect Computer 2's three DisplayPort outputs to the KVM switch's**DP2 A**, **DP2 B**, and **DP2 C** ports.
   - Connect Computer 2's USB 3.0 port to the KVM switch's**USB3.0 (PC2 IN)** port using the second provided USB 3.0 A-to-A cable.
5. **Connect USB Peripherals:** Connect your keyboard, mouse, and other USB 3.0 devices to the four**USB 3.0 Ports (1-4)** on the front panel of the KVM switch.
6. **Connect Wired Remote (Optional):** Plug the wired remote controller into the**Control** port on the front panel.
7. **Power On:** Connect the DC 12V power adapter to the KVM switch's**DC 12V** port and then plug it into a power outlet. Power on the KVM switch, then power on your monitors and computers.

Important Note: Ensure that your computers are capable of supporting triple monitor output. To verify, connect your computers directly to three monitors without the KVM switch. If all three monitors display correctly, your computer supports multi-display output.

Image: A visual guide to connecting two personal computers to the KVM switch, which then routes signals to three monitors and allows shared USB peripherals.

5. Operating Instructions

The VEDINDUST KVM switch offers two methods for switching between connected computers:

Method 1: Front Panel Button

- Locate the **SW** button on the front panel of the KVM switch.
- Press the **SW** button to toggle between Computer 1 and Computer 2. The corresponding LED indicator (PC1 or PC2) will illuminate to show the active computer.

Method 2: Wired Remote Controller

- If connected, use the wired remote controller for convenient switching.
- Press the button on the remote controller to switch between Computer 1 and Computer 2. This allows you to place the KVM switch out of sight, keeping your desktop tidy.

Image: An individual utilizing a triple-monitor setup powered by the KVM switch, illustrating an efficient multi-computer workstation.

6. Display Modes (Extended & Duplicate)

The KVM switch supports both extended and duplicate display modes, provided your connected computers support these functionalities.

Extended Mode:

In extended mode, each of your three monitors displays a different part of your desktop, effectively expanding your workspace. You can drag windows across all three screens.

Duplicate Mode:

In duplicate mode, all three monitors display the exact same content, mirroring your main screen. This is useful

for presentations or sharing content simultaneously.

Image: Visual representation of extended display mode, where each monitor shows unique content, and duplicate display mode, where all monitors mirror the same content.

Configuring Display Modes:

To configure your display mode (Extended or Duplicate) on Windows, press the**Windows key + P** and select your desired option. For other operating systems, refer to their respective display settings.

7. Troubleshooting

If you encounter issues with your KVM switch, please refer to the following common problems and solutions:

- **No Display on Monitors:**
  - Ensure the KVM switch is powered on and the DC 12V adapter is securely connected.
  - Verify all DisplayPort cables are correctly and firmly connected between computers, KVM switch, and monitors.
  - Confirm that your computers support triple monitor output by connecting them directly to the monitors.
  - Try reducing the resolution or refresh rate of your monitors to see if a signal appears.

- **Flickering or Unstable Display:**
  - Check DisplayPort cable quality. Use high-quality, certified DisplayPort 1.4 cables, especially for 8K or high refresh rate resolutions.
  - Ensure your graphics card drivers are up to date.
  - Reduce the display resolution or refresh rate to see if the issue persists.
- **USB Devices Not Working:**
  - Ensure the USB 3.0 A-to-A cables are securely connected from both computers to the KVM switch.
  - Try connecting the USB device directly to the computer to confirm it is functional.
  - Some high-power USB devices may require external power or a powered USB hub.
- **Switching Delay:**
  - A brief delay during switching is normal as the system re-establishes connections. If the delay is excessive (e.g., 10+ seconds), ensure all cables are properly seated and the KVM switch has stable power.

8. Specifications

Below are the technical specifications for the VEDINDUST 8K 2-Port 3-Monitor DisplayPort KVM Switch (Model SW622):

Feature	Specification
Model	SW622
Brand	VEDINDUST
Input Ports	2 x PC (3x DisplayPort 1.4, 1x USB 3.0 per PC)
Output Ports	3 x DisplayPort 1.4 (for monitors), 4 x USB 3.0 (for peripherals)
Video Resolution	Up to 8K@60Hz, 4K@144Hz (backward compatible)
USB Transfer Speed	5Gbps (USB 3.0), backward compatible with USB 2.0/1.1
Switching Methods	Front Panel Button, Wired Remote Controller
Power Supply	DC 12V / 2.5A
Dimensions (L x W x H)	18 x 5 x 8 cm (approximately)
Product Weight	600 g
Operating Mode	ON-OFF
Supported OS	Windows 7/8/9/10/11, Vista/XP, macOS, Linux (Plug and Play)

Image: Visual confirmation of 8K@60Hz and 4K@120Hz resolution support with DisplayPort 1.4.

Image: Comparison of USB 3.0 and USB 2.0 data transfer speeds, emphasizing the 5Gbps capability of USB 3.0.

9. Maintenance

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

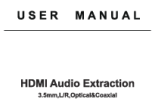
- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or abrasive materials.
- **Environment:** Keep the KVM switch in a cool, dry place, away from direct sunlight, excessive heat, and moisture.
- **Cable Management:** Ensure all cables are neatly organized and not under excessive tension to prevent damage to ports or cables.
- **Power:** Always use the provided DC 12V power adapter. Using an incorrect adapter may damage the device.

10. Warranty and Support

VEDINDUST products are manufactured with high-quality materials and undergo strict quality control. For any questions, technical support, or warranty claims, please contact VEDINDUST customer service through the platform where you purchased the product. Please provide your order number and product model (SW622) for

faster assistance.

Related Documents - SW622

	VEDINDUST Dual Monitor KVM Switch 2x2 8K60Hz USB-C User Manual Comprehensive user manual for the VEDINDUST Dual Monitor KVM Switch 2x2, featuring 8K60Hz resolution and USB-C connectivity. This guide details safety precautions, product features, technical specifications, package contents, connection diagrams for HDMI and DisplayPort setups, and troubleshooting steps for seamless operation of two computers with shared peripherals.
	VEDINDUST Dual Monitor KVM Switch 2x2 4K60Hz USB-C User Manual Comprehensive user manual for the VEDINDUST Dual Monitor KVM Switch 2x2, featuring 4K60Hz resolution and USB-C connectivity. It covers safety precautions, features, specifications, package contents, connection diagrams, and troubleshooting.
	USB 3.0 Switch/Splitter User Manual: Bi-directional 2-in-1-out / 1-in-2-out Comprehensive user manual for the VEDINDUST USB 3.0 Switch/Splitter. Learn how to use, install, and troubleshoot this bi-directional 2-in-1-out / 1-in-2-out device for sharing USB peripherals.
	HDMI Splitter Dual Monitor User Manual - VEDINDUST SP911 Comprehensive user manual for the VEDINDUST SP911 HDMI Splitter Dual Monitor. Provides detailed information on safety precautions, product features, technical specifications, panel layout, wiring diagrams, driver installation for Windows, and usage instructions, including troubleshooting for 4K and 1080P output.
	HDMI Audio Extractor User Manual User manual for the HDMI Audio Extractor, detailing its features, specifications, panel description, EDID settings, wiring diagram, and troubleshooting.
	3.5mm Stereo Audio Selector Switch Box User Manual User manual for the VEDINDUST 3.5mm Stereo Audio Selector Switch Box, a bi-directional 2-port audio splitter. This guide details safety instructions, package contents, specifications, features, panel description, connection diagrams, and usage modes for the audio switcher.