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Model: SV231TDVIUA

1. PRODUCT OVERVIEW

The StarTech.com SV231TDVIUA is a 2-Port Triple Monitor DVI USB KVM Switch designed to allow two computers, each with three DVI video outputs, to share a single set of peripherals. This includes three DVI displays, one microphone, one set of speakers, one keyboard, one mouse, and an additional USB 2.0 peripheral.

This KVM switch facilitates switching between two multi-DVI PCs with a simple button press, maintaining video quality up to 1920x1200 resolution. It also features an integrated USB hub for sharing USB 2.0 peripherals, reducing the need for duplicate devices.

Key Features:

- Switches between two triple-head computers.
- Shares three DVI displays, speakers, and microphone.
- Shares USB keyboard/mouse and USB 2.0 peripherals.
- Supports resolutions up to 1920x1200.
- TAA compliant.

2. WHAT'S IN THE BOX

- 1 x KVM / audio / USB switch - 2 ports - USB (SV231TDVIUA)

Note: Cables for connecting computers to the KVM switch (DVI, USB, audio) are typically sold separately and are not included with the unit.

3. SETUP INSTRUCTIONS

Before beginning installation, ensure all computers and displays to be connected are powered off and unplugged from their power sources.

3.1. KVM Switch Layout



Image 1: Front view of the StarTech.com SV231TDVIUA KVM Switch, showing two computer selection buttons and a 'SELECT' button.

The front panel of the KVM switch features numbered buttons and LEDs. The LEDs indicate which computer is currently being controlled, and the buttons are used to switch between connected computers.



Image 2: Rear view of the StarTech.com SV231TDVIUA KVM Switch, showing DVI, USB, audio (microphone and speaker) ports for console and two PCs, along with a power input.

The rear panel includes console ports for your monitor(s), keyboard, mouse, speakers, and microphone. It also has dedicated input sections for each computer to be controlled, including DVI, USB, and audio connections.

3.2. Connection Steps:

- Power Connection:** If your KVM switch requires an external power source (some models are bus-powered), connect the power adapter to the KVM switch.
- Console Display Connection:** Connect the DVI video cable(s) from your primary display(s) to the "CONSOLE" DVI video port(s) on the KVM switch.
- Console Peripheral Connection:** Connect your USB keyboard and mouse to the designated "CONSOLE" USB ports. Connect your speakers and microphone to the "CONSOLE" audio ports.
- Computer 1 Connection:**
 - Connect the DVI video cable(s) from Computer 1's video output(s) to the "PC 1" DVI input port(s) on the KVM switch.
 - Connect a USB cable from Computer 1's USB port to the "PC 1" USB input port on the KVM switch.
 - Connect audio cables from Computer 1's audio output(s) to the "PC 1" audio input port(s) on the KVM switch.
- Computer 2 Connection:** Repeat the steps for Computer 1, connecting Computer 2's video, USB, and audio outputs to the "PC 2" input ports on the KVM switch.
- Power On:** Turn on your display(s) first, then power on Computer 1, and finally Computer 2.
- Verify Functionality:** Ensure that your mouse and keyboard can control the currently selected computer.

3.3. Setup Video Guide:

Your browser does not support the video tag.

Video 1: A StarTech.com technical advisor demonstrates the physical setup of a KVM switch, including connecting peripherals and computers. This video provides a visual guide to the connection steps outlined above.

4. OPERATING THE KVM SWITCH

The SV231TDVIUA KVM switch offers multiple methods for switching between connected computers:

- **Front Panel Buttons:** Press the numbered buttons on the front of the KVM switch to directly select the desired computer. The corresponding LED will illuminate.
- **Hotkey Commands:** The KVM switch supports hotkey commands for quick switching using your keyboard. Refer to the product's full manual (available on StarTech.com's support page) for specific hotkey sequences. Common hotkeys often involve combinations like **Ctrl + Ctrl + [Port Number]** or **Scroll Lock + Scroll Lock + [Port Number]**.

Note: Ensure your keyboard is connected to the dedicated keyboard USB port on the KVM console for hotkey functionality to work correctly.

5. TROUBLESHOOTING

- **No Video/Display Issues:**
 - Ensure all DVI cables are securely connected between computers, the KVM switch, and displays.
 - Verify that the KVM switch is powered on (if applicable) and the correct input is selected.
 - Check display resolution settings on each computer. The KVM supports up to 1920x1200.
 - As noted in the product description, this KVM supports single-link DVI-D (digital only) video sources. Ensure DVI-D cables are used for all connections where possible.
- **Keyboard/Mouse Not Responding:**
 - Confirm the keyboard and mouse are connected to the dedicated console USB ports on the KVM switch.
 - Some advanced keyboards/mice may not function correctly with the dedicated KVM ports. Try connecting them to the integrated USB 2.0 hub ports if available, though hotkey functionality might be affected.
 - Reboot the computers and KVM switch.
- **Audio Issues:**
 - Ensure all audio cables are correctly connected between computers, the KVM switch, and speakers/microphone.
 - Check audio settings on your operating system for the selected computer.

5.1. General KVM Setup Tips:

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Video 2: A StarTech.com technical advisor provides general tips for setting up a KVM switch, including understanding port functions and hotkey support. This video is relevant for general troubleshooting and understanding KVM operation.

6. SPECIFICATIONS

Feature	Specification
Brand	StarTech.com
Model Number	SV231TDVIUA
Number of Ports	2
Monitor Support	Triple Monitor (DVI)
Video Interface	DVI-I (supports single-link DVI-D digital only)
Max Resolution	1920x1200

USB Hub	Integrated USB 2.0 Hub (4 ports)
Audio Support	Yes (Microphone & Speakers)
Control Method	Push Button, Hotkey
Dimensions (LxWxH)	9.37 x 7.24 x 3.5 inches
Item Weight	1.98 pounds
Color	Black
TAA Compliant	Yes

7. MAINTENANCE

To ensure optimal performance and longevity of your KVM switch:

- Keep the device in a cool, dry environment, away from direct sunlight and heat sources.
- Clean the exterior with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- Ensure proper ventilation around the unit to prevent overheating.
- Regularly check cable connections for looseness or damage.

8. WARRANTY AND SUPPORT

This StarTech.com product is backed by a manufacturer's warranty. For specific warranty details, please refer to the product packaging or the official StarTech.com website.

If you require further assistance or encounter issues not covered in this manual, please visit the StarTech.com support page at www.startech.com/support for technical support, FAQs, and driver downloads.