ATEN CS22U

ATEN CS22U 2-Port USB VGA Cable KVM Switch User Manual

Model: CS22U

1. INTRODUCTION

The ATEN CS22U is a 2-port USB KVM switch designed to manage two USB-enabled computers from a single console. This device is suitable for both home and office environments, providing a streamlined solution for controlling multiple systems with one set of keyboard, mouse, and monitor. It supports a maximum video resolution of 2048x1536 and features a remote port selector for convenient switching between connected computers. The CS22U integrates two USB KVM cables directly into the main unit, simplifying installation. No additional software is required for operation.

2. PACKAGE CONTENTS

Verify that all components are present and in good condition. If any items are missing or damaged, contact your dealer.

- 1x ATEN CS22U 2-Port USB Cable KVM Switch (with 2 attached KVM cables)
- 1x Remote Switch Module
- 1x User Guide

Image 2.1: The ATEN CS22U KVM switch, showing the main unit, integrated KVM cables (VGA and USB), and the remote port selector button.

3. FEATURES

- One USB console controls two USB computers.
- Supports multifunction mice.
- Multiplatform support for Windows, Mac, Linux, and Sun operating systems.
- Superior video quality, supporting resolutions up to 2048 x 1536; DDC2B.
- Compact design with integrated cables for easy setup.
- Remote port selector for convenient switching.
- No software installation required.

4. SETUP

Follow these steps to connect your ATEN CS22U KVM switch:

1. **Power Off Computers:** Ensure both computers you intend to connect are powered off.

2. **Connect Console Devices:**
   - Plug your USB keyboard into one of the USB Type-A ports on the CS22U unit.
   - Plug your USB mouse into the other USB Type-A port on the CS22U unit.
   - Connect your VGA monitor cable to the VGA port on the CS22U unit.

3. **Connect KVM Cables to Computers:**
   - Take the integrated KVM cables from the CS22U. Each set consists of a VGA cable and a USB cable.
   - Connect the VGA cable from the first KVM cable set to the VGA port on Computer 1.
   - Connect the USB cable from the first KVM cable set to an available USB port on Computer 1. This USB connection also provides power to the KVM switch.
   - Repeat the process for Computer 2, connecting the second KVM cable set (VGA and USB) to its respective ports.

4. **Connect Remote Port Selector:** Plug the remote switch module into the dedicated port on the

CS22U unit. Position the remote button in a convenient location on your desk.

5. **Power On Computers:** Power on your computers. The KVM switch will automatically detect the active computer.
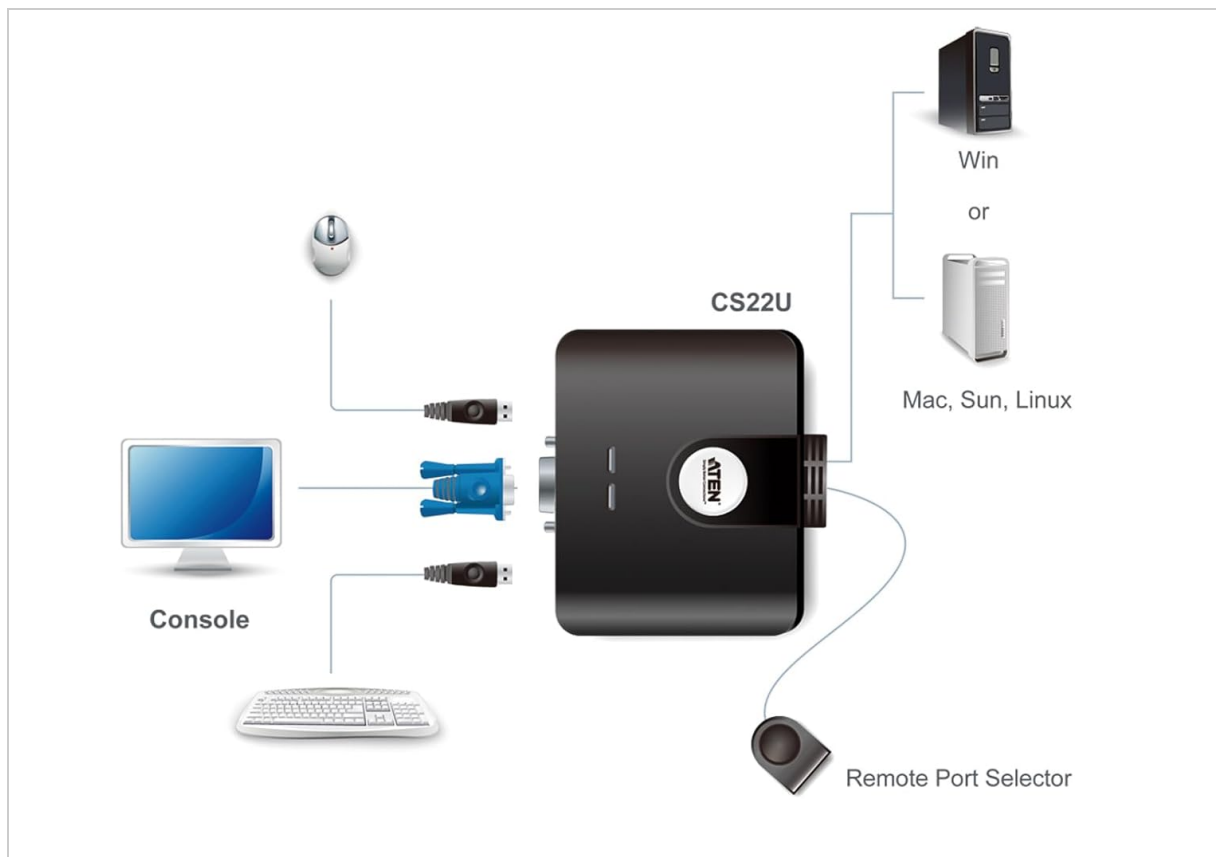

Image 4.1: Connection diagram for the ATEN CS22U KVM Switch.

5. OPERATING THE KVM SWITCH

The ATEN CS22U KVM switch is operated using the remote port selector button.

- **Switching Computers:** To switch between the two connected computers, simply press the button on the remote port selector. Each press will toggle the KVM control to the next available computer.

- **LED Indicators:** The KVM unit features LED indicators that show which computer port is currently active.

Image 5.1: The remote port selector button for the ATEN CS22U.

6. MAINTENANCE

To ensure optimal performance and longevity of your ATEN CS22U KVM switch, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the KVM switch. Avoid using liquid or aerosol cleaners, as they may damage the unit.
- **Environment:** Operate the KVM switch in a clean, dry environment, away from direct sunlight, excessive heat, and moisture.
- **Cable Management:** Ensure cables are not excessively bent or kinked to prevent damage.
- **Power Source:** The KVM switch draws power from the connected USB ports. Ensure your computers' USB ports provide sufficient power.

7. TROUBLESHOOTING

If you encounter issues with your ATEN CS22U KVM switch, refer to the following common troubleshooting steps:

- **No Display/Video Issues:**
    - Verify all VGA cables are securely connected to both the KVM switch and the computers/monitor.
    - Ensure the monitor is powered on and set to the correct input source.
    - Try restarting the connected computers.
    - Check the video resolution settings on your computers. The CS22U supports up to 2048x1536.

- **Keyboard/Mouse Not Responding:**
    - Ensure all USB cables are firmly connected between the KVM switch and the computers, and between the keyboard/mouse and the KVM switch.
    - Confirm that the active computer's LED indicator on the KVM switch is lit.
    - Try connecting the keyboard and mouse directly to the computer to verify they are functional.
    - Some wireless keyboard/mouse combinations may require direct connection or a powered USB hub if they draw too much power or have specific emulation requirements not met by the KVM. The CS22U does not use emulation.

- **KVM Not Switching:**
    - Ensure the remote port selector cable is securely plugged into the KVM unit.
    - Press the remote button firmly.
    - Verify that both connected computers are powered on and functioning correctly.

- **No Power to KVM:**
    - The CS22U is bus-powered via the USB connections to the computers. Ensure at least one computer is powered on and its USB cable is connected to the KVM.
    - Try connecting the USB cable to a different USB port on the computer.

8. SPECIFICATIONS

Feature	Detail
Model Number	CS22U
Ports	2 (for computers)
Console Ports	1x VGA, 2x USB Type-A (for keyboard/mouse)
Computer Connectors	2x Integrated KVM cables (VGA, USB 2.0)
Video Resolution	Up to 2048 x 1536; DDC2B
Operating Voltage	5 Volts (USB bus-powered)
Current Rating	1 Amps
Dimensions (L x W x H)	3.24 x 2.76 x 0.97 inches (approximate, main unit)
Weight	10.58 ounces (approximate)
Material	Plastic
Supported OS	Windows, Mac, Linux, Sun

9. WARRANTY INFORMATION

ATEN products are designed for reliability and performance. For specific warranty terms and conditions applicable to your region and product, please refer to the official ATEN website or the warranty card included with your purchase. Keep your proof of purchase for warranty claims.
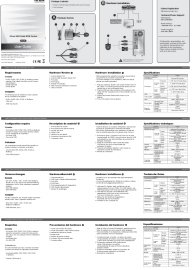
10. TECHNICAL SUPPORT

For further assistance, technical support, or product information, please visit the official ATEN website or contact their customer service.

ATEN Official Website: www.aten.com

You can also find more information and support resources on the ATEN Store on Amazon.

Related Documents - CS22U

	[ATEN CS22U 2-Port USB Cable KVM Switch User Guide](#) User guide for the ATEN CS22U 2-Port USB Cable KVM Switch, detailing requirements, hardware review, installation, and technical specifications for connecting and managing multiple computers.
	[ATEN CL5708M 43cm LCD KVM Switch, USB-PS/2, VGA, 8 Port](#) Product data sheet for the ATEN CL5708M, an 8-port, 43cm LCD KVM Switch with USB/PS2 and VGA support. This rackmount KVM solution allows users to control multiple computers from a single console and can be cascaded to manage up to 256 computers.
	[ATEN CL5708iM LCD KVM Switch Over IP: 8-Port, US-Layout](#) Der ATEN CL5708iM LCD KVM Switch bietet IP-basierten Zugriff auf bis zu 256 Computer über eine integrierte 17-Zoll LCD-Konsole. Ideal für IT-Infrastrukturen mit Fernzugriff und Mehrbenutzerunterstützung.

ATEN CL5716MW 43cm wide LCD KVM Switch, USB-PS/2,VGA, 16 Port, ES-Layout

Artikelnummer: 14.01.7419
Hersteller: ATEN
Hersteller-Art.-Nr.: CL5716MW SP
EAN (Einzelstück): 4711640344192

[ATEN CL5716MW 43cm LCD KVM Switch: 16-Port USB/PS/2, VGA Lösung](#)

Produktübersicht des ATEN CL5716MW, eines 16-Port LCD KVM-Switches mit 43cm Bildschirm, USB/PS/2 und VGA-Unterstützung. Ideal für die zentrale Steuerung mehrerer Computer in Rack-Umgebungen.

[ATEN CS22HF 2-Port USB FHD HDMI Cable KVM Switch Quick Start Guide](#)

A concise guide for setting up and operating the ATEN CS22HF 2-Port USB FHD HDMI Cable KVM Switch, covering hardware identification, installation steps, and basic usage for connecting two computers.

ATEN CL5708N LCD KVM Switch, USB-PS/2, VGA, FR-Layout

Artikelnummer: 14.01.6240
Hersteller: ATEN
Hersteller-Art.-Nr.: CL5708N F
EAN (Einzelstück): 4719264043003

[ATEN CL5708N LCD KVM Switch: 8-Port USB/PS/2 VGA mit FR-Layout](#)

Detaillierte Informationen zum ATEN CL5708N LCD KVM Switch mit 8 Ports, USB/PS/2, VGA-Anschluss und französischem Tastaturlayout. Enthält technische Daten, Lieferumfang und Features.