UGREEN 45452

UGREEN 4K 60Hz HDMI KVM Switch User Manual

Model: 45452

1. Introduction

The UGREEN 4K 60Hz HDMI KVM Switch allows you to control two computers using a single monitor, keyboard, and mouse. This device supports high-resolution video output and provides USB 3.0 ports for sharing peripherals, optimizing your workspace and enhancing efficiency. It is compatible with various operating systems and HDMI source devices.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1x UGREEN HDMI KVM Switch
- 2x HDMI Cables (1M)
- 2x USB-A to USB-A Cables (1.5M)
- 1x Power Adapter
- 1x Desktop Controller (1.5M)
- 1x User Manual



Image: The UGREEN KVM Switch and all its included accessories, neatly arranged.

3. Product Overview

The UGREEN KVM Switch features multiple ports for connecting your computers and peripherals. Familiarize yourself with the port layout for proper setup.



Image: A detailed diagram illustrating the various input and output ports on the UGREEN KVM Switch, including HDMI, USB-A, USB-C, and power input.

Key Features:

- **2-in-1 KVM Switch:** Control two computers with one monitor, keyboard, and mouse.
- **4K@60Hz Resolution:** Supports resolutions up to 4K@60Hz, backward compatible with 4K@30Hz, 2K@144Hz, and 2560*1440@120Hz.
- **USB 3.0 Ports:** Features 3 USB-A 3.0 ports and 1 USB-C 3.0 port for data transfer up to 5Gbps, allowing sharing of USB drives, printers, and other peripherals.
- **Wide Compatibility:** Compatible with Windows 11/10/8.1/8/7/Vista/XP, Mac OS, and Linux systems. Supports HDMI source devices like PS5, PS4, Xbox One, laptops, and desktop computers.
- **Multiple Switching Methods:** Switch between computers using the button on the device or the included desktop controller.

4. Setup Instructions

Follow these steps to set up your UGREEN KVM Switch:

1. **Connect Monitor:** Connect your monitor to the HDMI Output port on the KVM Switch using an HDMI cable (not included).
2. **Connect Computers:** For each computer (PC1 and PC2), connect one end of an HDMI cable to the computer's HDMI output and the other end to the corresponding HDMI Video Input (PC1 Input or PC2 Input) on the KVM Switch.
3. **Connect USB Data:** For each computer, connect one end of a USB-A to USB-A cable to a USB port on the computer and the other end to the corresponding USB-A Data Input (PC1 Input or PC2 Input) on the KVM Switch.
4. **Connect Peripherals:** Connect your keyboard, mouse, and other USB peripherals (e.g., printer, USB drive) to the USB 3.0 ports (USB-A or USB-C) on the front of the KVM Switch.
5. **Connect Power:** Connect the included 5V 2A power adapter to the DC 5V port on the KVM Switch and plug it into a power outlet. This ensures stable operation, especially when connecting high-power USB devices.
6. **Connect Desktop Controller (Optional):** Plug the desktop controller into the 'CONTROL' port on the KVM Switch for remote switching.



Image: The UGREEN KVM Switch fully connected to two computers, a monitor, and various USB peripherals, illustrating a complete setup.



Image: The UGREEN KVM Switch connected to a power adapter, emphasizing the importance of external power for stable performance.

Important Notes:

- Each computer must be connected with both an HDMI cable (for video) and a USB-A cable (for data) for proper functionality.
- This KVM switch does not support Free-Sync, CEC, or ARC.
- This KVM switch is not compatible with docking stations.
- This is an HDMI KVM switch, not a DisplayPort (DP) KVM switch or a USB-C KVM switch for video output. The USB-C port on the KVM is for data transfer only.

5. Operating Instructions

Once the KVM switch is set up, you can easily switch between connected computers.

Switching Methods:

- **Button Switching:** Press the button on the top of the KVM Switch to toggle between PC1 and PC2.
- **Desktop Controller:** Press the button on the external desktop controller to switch inputs. This provides convenient switching without reaching for the main unit.



Image: Two panels showing the KVM switch with its integrated button and the separate desktop controller, illustrating the two methods for switching between connected computers.

6. Troubleshooting

If you encounter issues, please refer to the following common solutions:

- **No Display/Signal:**
  - Ensure all HDMI cables are securely connected to both the KVM switch and your computers/monitor.
  - Verify that the correct input is selected on your monitor.
  - Check if the KVM switch is powered on and the power adapter is properly connected.
  - Try using different HDMI cables if available.
- **USB Peripherals Not Working:**
  - Ensure the USB-A data cables are connected from each computer to the KVM switch.
  - Confirm that the KVM switch is receiving adequate power from the 5V 2A adapter, especially for high-power USB devices.
  - Try connecting the peripheral directly to the computer to rule out device issues.
  - Some Linux distributions may require the KVM input to be selected before booting the system for proper peripheral recognition.
- **Resolution Issues:**
  - Ensure your monitor and graphics card support the desired resolution and refresh rate.
  - Check the length and quality of your HDMI cables. For 4K@60Hz, HDMI cables should generally be 1 meter (3.3 feet) or shorter. For 4K@30Hz, up to 3 meters (9.8 feet) may work.

7. Specifications

Feature	Detail
Brand	UGREEN
Model Number	45452
Color	Black
Connector Type	HDMI, USB
Compatible Devices	HDMI source devices, Personal Computer, Laptop, PlayStation 3, PlayStation 4, PlayStation 5, Nintendo Switch, Television, Xbox One
Video Resolution	Up to 4K@60Hz (backward compatible with 4K@30Hz, 2K@144Hz, 2560*1440@120Hz)
HDMI Standard	HDMI 2.0, HDCP2.2/1.4
USB Data Transfer Speed	Up to 5Gbps (USB 3.0)
Power Input	DC 5V 2A
Operating Systems	Windows 11/10/8.1/8/7/Vista/XP, Mac OS, Linux

8. Warranty and Support

This UGREEN KVM Switch comes with a**24-month manufacturer's warranty** from UGREEN.

For technical support, troubleshooting assistance, or warranty claims, please contact UGREEN customer service through their official website or the retailer where the product was purchased.

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Question

Example: How do I reset this device or fix this error?

Details

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