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DGODRT KS604H

DGODRT 4-Port 4K HDMI KVM Switch (Model KS604H) User Manual

Model: KS604H

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your DGODRT 4-Port 4K HDMI KVM Switch. This device allows you to control up to four computers using a single monitor, keyboard, and mouse, along with two additional USB 2.0 devices. Please read this manual thoroughly before use to ensure proper functionality and to maximize your product experience.

The DGODRT 4-Port 4K HDMI KVM Switch supports 4Kx2K@30Hz resolution, offering clear visual output. It is compatible with various operating systems including Windows, Mac OS, Unix, and Dos, and requires no driver installation.

2. PACKAGE CONTENTS

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

- 1 x DGODRT 4-Port HDMI KVM Switch
- 4 x 2-in-1 KVM Cables (HDMI + USB)
- 1 x Wired Remote Control
- 1 x User Manual



Figure 2.1: Package Contents

3. PRODUCT OVERVIEW

3.1. Device Layout

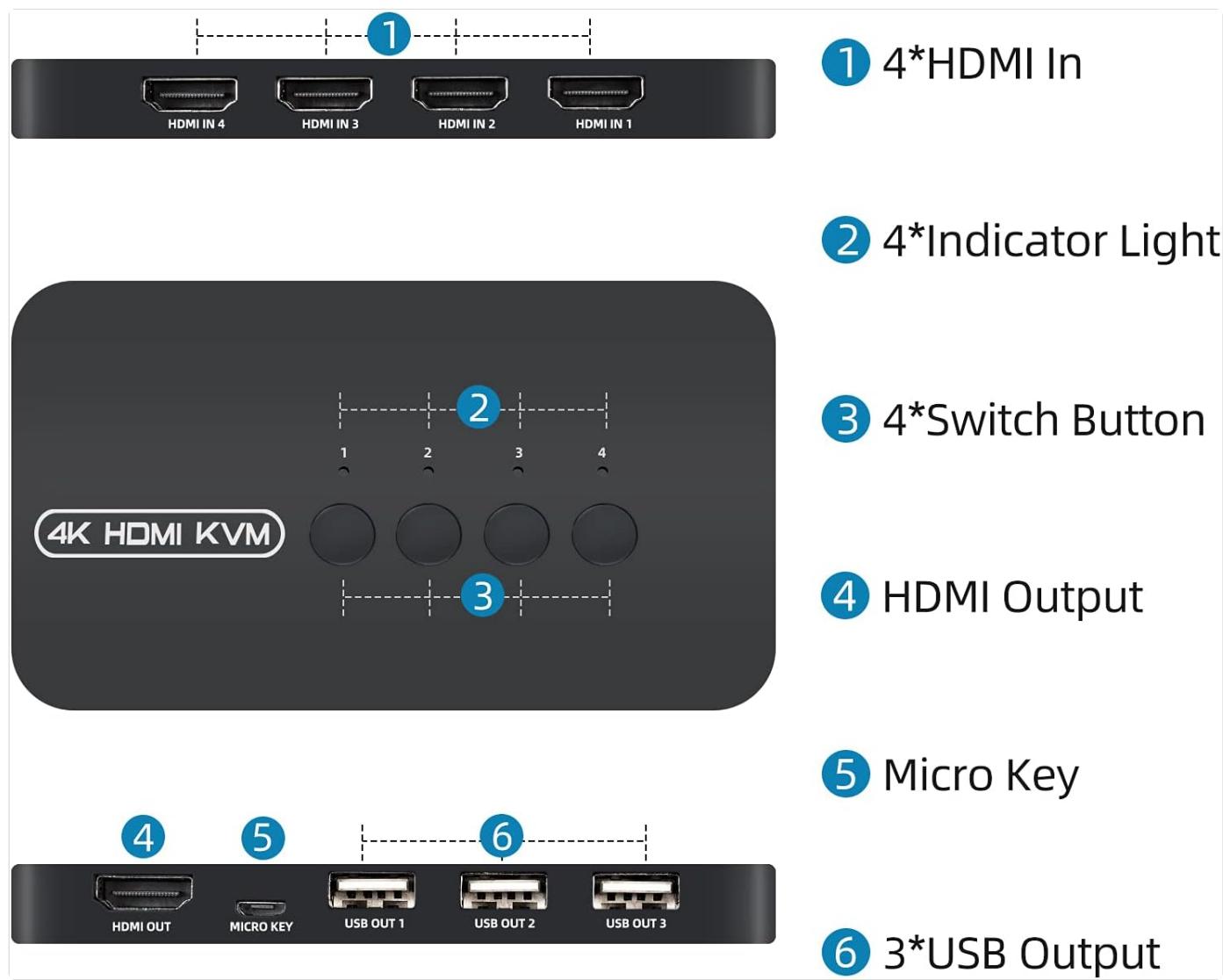


Figure 3.1: KVM Switch Port Layout

1. **4x HDMI In:** Connects to the HDMI output of your computers (PC1, PC2, PC3, PC4).
2. **4x Indicator Lights:** LEDs illuminate to show which computer port is currently active.
3. **4x Switch Buttons:** Press to manually switch between connected computers.
4. **HDMI Output:** Connects to your monitor or display.
5. **Micro Key:** Port for connecting the wired remote control.
6. **3x USB Output (USB Out 1, 2, 3):** Connects to your USB peripheral devices (keyboard, mouse, printer, etc.).

3.2. Key Features

- **4-Port KVM Functionality:** Control up to four computers with a single set of peripherals (monitor, keyboard, mouse, and two additional USB devices).
- **4K@30Hz Resolution:** Supports high-definition video output up to 4Kx2K@30Hz, backward compatible with 1080P and 720P.
- **Multiple Switching Methods:** Switch between computers using the panel buttons on the KVM switch or the included wired remote control.
- **Wide Compatibility:** Compatible with most devices featuring HDMI interfaces (laptops, PCs, Blu-ray players, monitors, TVs, projectors) and operating systems (Windows 10/8/8.1/7, Mac OS, Unix, Dos).

- **Plug and Play:** No drivers required for installation.
- **Integrated KVM Cables:** Includes four 2-in-1 KVM cables (HDMI + USB) for a tidy setup.

4. SETUP INSTRUCTIONS

Follow these steps to properly set up your DGODRT 4-Port HDMI KVM Switch:

1. **Power Off All Devices:** Ensure all computers and your monitor are powered off before beginning the connection process.
2. **Connect Monitor:** Connect your HDMI monitor to the **HDMI OUT** port on the KVM switch using an HDMI cable (not included).
3. **Connect USB Peripherals:** Connect your USB keyboard, mouse, and other USB 2.0 devices (e.g., printer, scanner) to the **USB OUT 1**, **USB OUT 2**, and **USB OUT 3** ports on the KVM switch.
4. **Connect Computers:** For each computer (up to four):
 - Connect one end of the provided 2-in-1 KVM cable (HDMI + USB) to the HDMI output and a USB 2.0 port on your computer.
 - Connect the other end of the KVM cable to an available **HDMI IN** port (1, 2, 3, or 4) on the KVM switch.Repeat for all computers.



Figure 4.1: Typical Connection Diagram

5. **Connect Wired Remote (Optional):** If desired, connect the wired remote control to the **Micro Key** port on the KVM switch.
6. **Power On Devices:** Power on your monitor first, then power on your computers. The KVM switch draws power from the connected computers via the USB connections, so no external power adapter is typically needed.

Important Note:

- Ensure all connections are secure before powering on devices.
- It is recommended to connect all devices to the KVM switch before turning on the computers to ensure proper detection.
- If you experience issues, try connecting the KVM cables to different USB ports on your computers.

5. OPERATING INSTRUCTIONS

The DGODRT 4-Port HDMI KVM Switch offers two methods for switching between connected computers:

5.1. Panel Button Switching

Press the numbered buttons (1, 2, 3, or 4) on the front panel of the KVM switch to select the corresponding computer. The LED indicator above the button will illuminate to show the active computer.



Button Switch

convenient and efficient



Micro key Switch

Simple and fast



Figure 5.1: Panel Button Switching

5.2. Wired Remote Control Switching

If you have connected the wired remote control, you can use its buttons (1, 2, 3, or 4) to switch between computers. This allows for convenient switching without direct access to the KVM unit.



Button Switch

convenient and efficient



Micro key Switch

Simple and fast



Figure 5.2: Wired Remote Control

Note:

- Switching time between computers is typically short, but may vary depending on the connected devices and operating systems.
- The KVM switch will indicate the active PC via its LED lights.

6. MAINTENANCE

To ensure the longevity and optimal performance of your DGODRT 4-Port HDMI KVM Switch, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the KVM switch. Avoid using liquid cleaners or abrasive materials, as they may damage the surface or internal components.
- **Environment:** Place the KVM switch in a cool, dry, and well-ventilated area. Avoid exposure to direct sunlight, high temperatures, humidity, or dusty environments.
- **Cable Management:** Ensure cables are not excessively bent or strained. Proper cable management can prevent

damage to the cables and ports.

- **Power Cycle:** If you encounter minor issues, try disconnecting all power (unplugging KVM cables from computers) for a few minutes, then reconnecting.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No video output on monitor.	Loose HDMI cable connection. Incorrect input selected on monitor. KVM switch not powered or active. Computer not outputting video. HDR mode enabled on TV/monitor (as per customer review).	Check all HDMI connections between computers, KVM, and monitor. Ensure the monitor is set to the correct HDMI input. Verify the KVM's indicator light shows an active port. Ensure the computer is powered on and outputting video. Try disabling HDR mode on your monitor/TV and the connected PC.
Keyboard/Mouse not responding.	Loose USB cable connection. KVM switch not powered or active. Compatibility issue with specific keyboard/mouse.	Check all USB connections from peripherals to KVM and from KVM to computers. Ensure the KVM's indicator light shows an active port. Try connecting the keyboard/mouse directly to the computer to verify functionality. Some advanced gaming keyboards/mice may require direct connection or specific drivers.
Switching is slow or unresponsive.	Computer detection issues. Interference.	Ensure all devices are connected before powering on computers. Try power cycling the KVM switch and all connected computers. Ensure KVM cables are not excessively long or damaged.
One of the KVM cables is not working.	Defective cable. Improper connection.	Test the cable with another port or computer if possible. Ensure the cable is fully inserted into both the computer and the KVM switch. Contact customer support for a replacement if the cable is confirmed defective.

8. SPECIFICATIONS

Feature	Detail
Model	KS604H
Brand	DGODRT
Ports	4 x HDMI In, 1 x HDMI Out, 3 x USB Out, 1 x Micro Key Port

Feature	Detail
Video Resolution	Up to 4Kx2K@30Hz (3840x2160@30Hz), backward compatible with 1080P, 720P
Operating Systems	Windows 10/8/8.1/7, Mac OS, Unix, Dos
Switching Methods	Panel Button, Wired Remote Control
Power Source	USB Powered (from connected computers)
Operating Voltage	5 Volts (DC)
Current Rating	1 Amps
Dimensions (L x W x H)	6.3 x 5.51 x 3.74 inches
Item Weight	1.28 pounds
Material	ABS

9. WARRANTY AND SUPPORT

DGODRT products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official DGODRT website.

If you encounter any issues not covered in the troubleshooting section, please contact DGODRT customer support for assistance. When contacting support, please have your product model number (KS604H) and purchase details ready.