Hearvo STK-S7230P2

Hearvo 8K Displayport KVM Switch (STK-S7230P2) User Manual

Model: STK-S7230P2

1. INTRODUCTION

This manual provides detailed instructions for the Hearvo 8K Displayport KVM Switch, Model STK-S7230P2. This device allows two computers to share two DisplayPort monitors, a keyboard, mouse, and other USB 3.0 peripherals, streamlining your workspace and enhancing productivity.

Illustration of a dual monitor setup with and without the KVM switch, demonstrating its organizational benefits.

2. PACKAGE CONTENTS

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

- 1 x Hearvo 8K Displayport KVM Switch (STK-S7230P2)
- 2 x USB 3.0 Cables
- 1 x Wired Remote Switch
- 1 x USB A to USB C Cable (for power or specific connections)
- 4 x Foot Pads
- 1 x Instruction Manual
- 1 x Warranty Card

Note: DisplayPort cables are not included and must be purchased separately.

Packing List

01 DP KVM Switch*1

02 Desktop Controller*1

03 USB 3.0 Cable*2

04 USB to Type C Cable*1

05 Foot Pad*4

06 Instruction Manual*1

07 Protection Plan Card*1

Contents of the Hearvo 8K Displayport KVM Switch package.

3. PRODUCT OVERVIEW

The Hearvo 8K Displayport KVM Switch is designed for efficient management of two computers with a single set of peripherals and dual monitors. It features multiple DisplayPort inputs and outputs, along with USB 3.0 ports for high-speed data transfer.

Front and rear panel layout of the KVM Switch, highlighting DisplayPort and USB connections.

Key Features:

- **Dual DisplayPort Connectivity:** Supports two DisplayPort monitors for extended desktop or mirrored display configurations.

- **High Resolution Support:** Delivers stunning visuals with support for resolutions up to 8K@60Hz, 4K@240Hz, 4K@144Hz, and 1080P.

- **USB 3.0 Ports:** Three high-speed USB 3.0 ports for connecting a keyboard, mouse, external hard drives, printers, and other peripherals.

- **EDID Adaptive Technology:** Ensures stable and smooth image transmission by automatically optimizing display settings.

- **Extended Control Button:** Includes a wired remote for convenient switching between computers from your desktop.

8K@60Hz High Resolution

Support 8k@60HZ,delivering a more realistic, vibrant, and breathtaking visual experience

Visual representation of 8K@60Hz high-resolution capabilities.

Comparison of USB 3.0 and USB 2.0 data transfer speeds.

4. SETUP INSTRUCTIONS

Follow these steps to connect your Hearvo 8K Displayport KVM Switch:

1. **Power Off Devices:** Ensure both computers and monitors are powered off before making any connections.

2. **Connect Monitors to KVM:** Connect your two DisplayPort monitors to the 'DP OUT A' and 'DP OUT B' ports on the KVM switch.

3. **Connect Computers to KVM (DisplayPort):** For PC1, connect its two DisplayPort outputs to 'DP IN 1A' and 'DP IN 1B' on the KVM switch. Repeat this for PC2, connecting its DisplayPort outputs to 'DP IN 2A' and 'DP IN 2B'.

4. **Connect Computers to KVM (USB):** Connect the included USB 3.0 cables from a USB 3.0 port on PC1 to the 'PC1 IN' USB 3.0 port on the KVM switch. Do the same for PC2, connecting to the 'PC2 IN' USB 3.0 port. These connections enable keyboard, mouse, and other USB peripheral sharing.

5. **Connect Peripherals:** Connect your keyboard, mouse, and any other USB 3.0 peripherals (e.g., external hard drive, printer) to the 'USB 3.0' ports on the front panel of the KVM switch.

6. **Connect Wired Remote:** Plug the wired remote switch into the 'CTRL' port on the KVM switch.

7. **Power On:** Power on the KVM switch (if applicable), then your monitors, and finally your computers.

Important: To achieve optimal performance and ensure proper functionality, please connect all necessary DisplayPort, USB, and power cables securely.

Connection diagram for the Hearvo 8K Displayport KVM Switch.
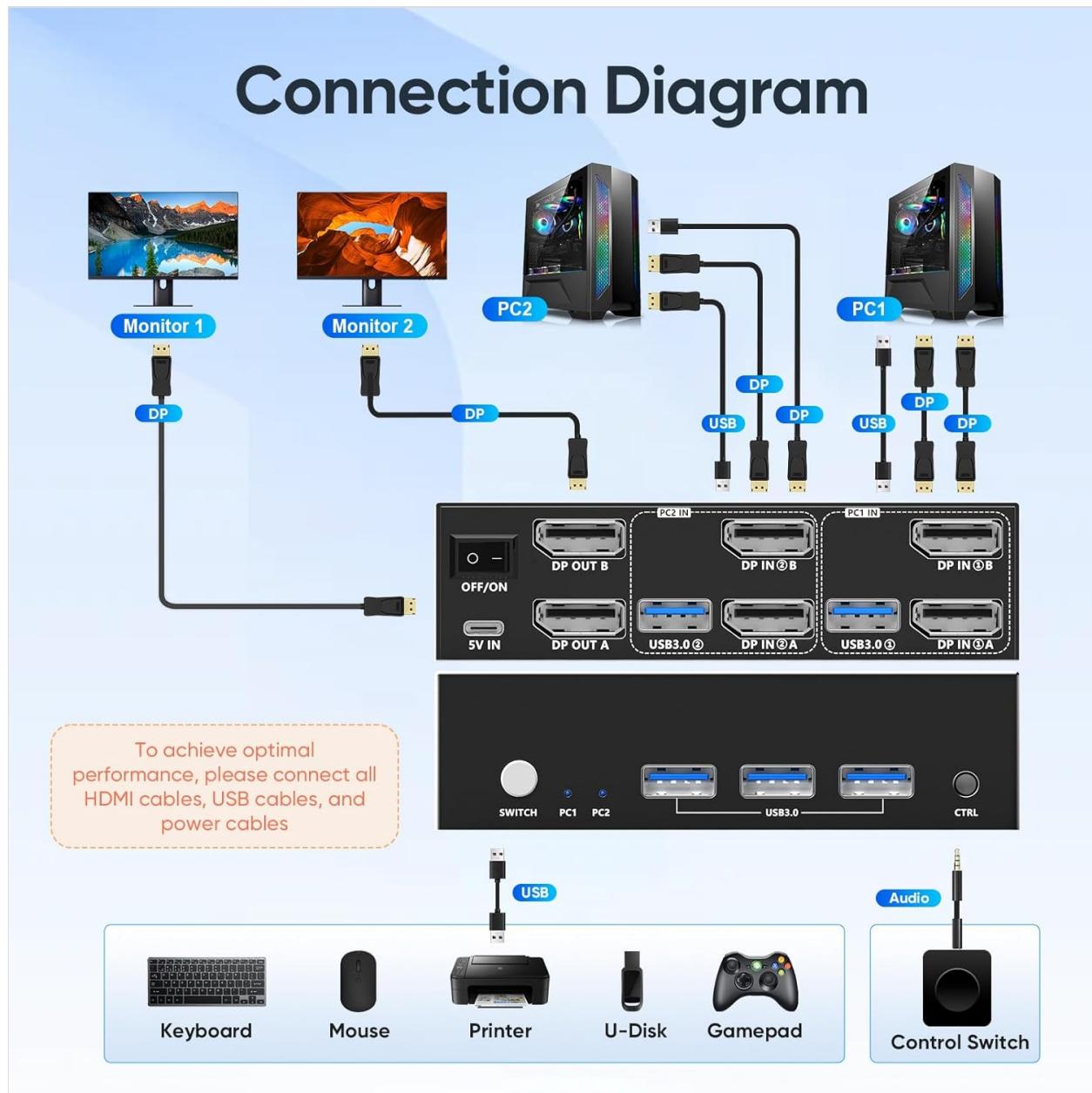
5. OPERATING INSTRUCTIONS

The Hearvo KVM Switch offers two convenient methods for switching between connected computers:

5.1. Physical Button Switch

Press the 'SWITCH' button located on the front panel of the KVM device. Each press will cycle between PC1 and PC2. The LED indicators ('PC1', 'PC2') will illuminate to show which computer is currently active.

5.2. Wired Remote Switch

Use the included wired remote control for convenient switching. Simply press the button on the remote to toggle between PC1 and PC2. This allows for flexible placement of the KVM switch while keeping the control button within easy reach.
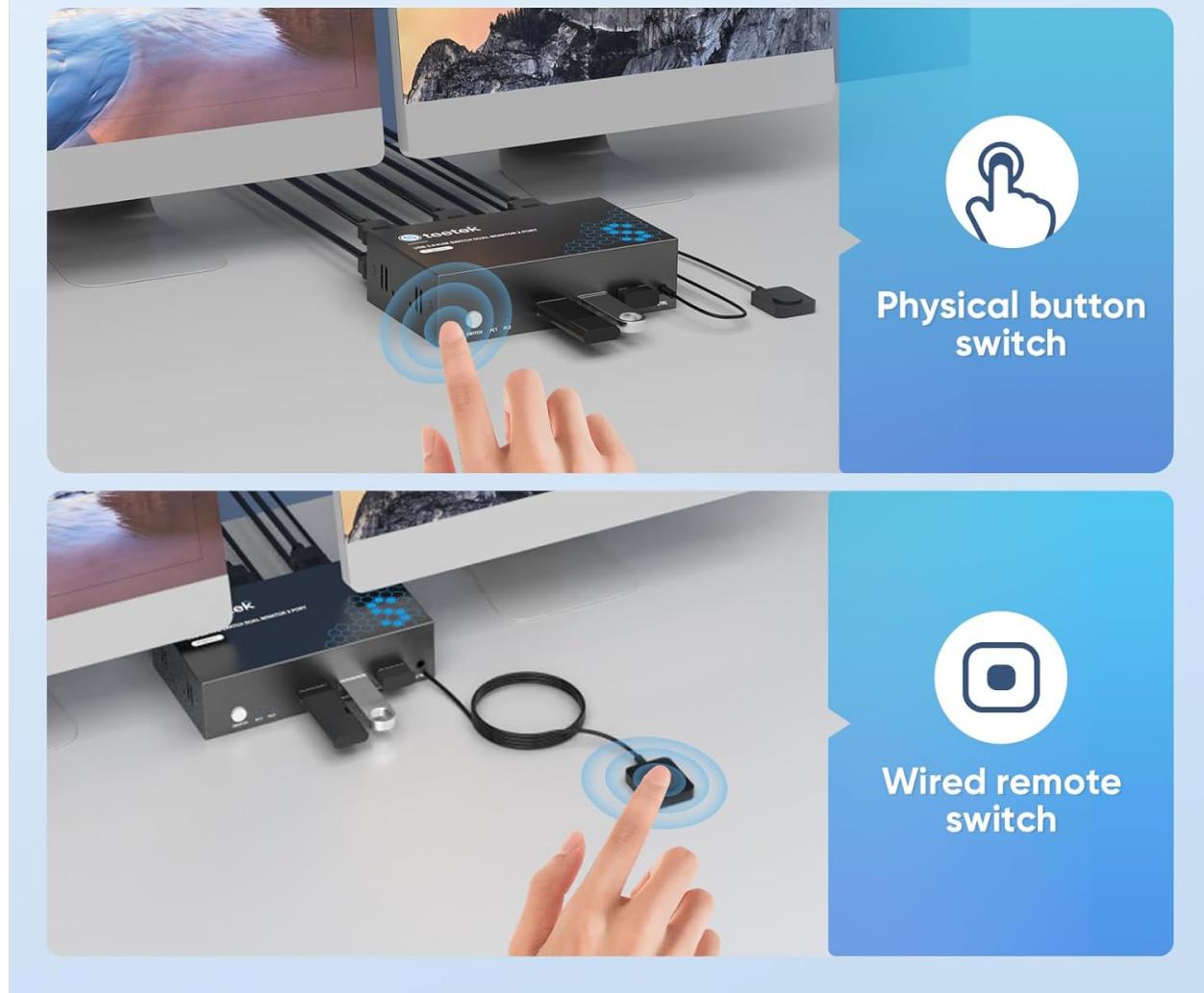
Illustration of the physical button and wired remote switching methods.

6. COMPATIBILITY

The Hearvo 8K Displayport KVM Switch is designed for broad compatibility with various operating systems and display resolutions.

6.1. Operating System Compatibility

This KVM switch is plug-and-play, requiring no driver software. It is compatible with a variety of operating systems, including:

- Windows (7/8/10/11/Vista/XP)
- Linux
- Mac OS
- Unix
- DOS

Broad Compatibility

Plug and play, no need driver

High Compatibility

| Windows | Unix | Mac | Linux | DOS |

Supported operating systems for the KVM switch.

6.2. Resolution Support

The KVM switch supports a wide range of resolutions and refresh rates. For optimal 8K@60Hz performance, ensure your graphics card and DisplayPort cables support DP 1.4 or higher.

	@240Hz	@144Hz	@120Hz	@60Hz	@30Hz		@240Hz	@144Hz	@120Hz	@60Hz	@30Hz
7680*4320	✗	✗	✗	✓ (DSC or 420)	✓	1440*900	✓	✓	✓	✓	✓
3840*2160	✓ (DSC or 420)	✓ (DSC or 420)	✓	✓	✓	1366*768	✓	✓	✓	✓	✓
3200*1800	✓	✓	✓	✓	✓	1360*768	✓	✓	✓	✓	✓
2560*1600	✓	✓	✓	✓	✓	1280*1024	✓	✓	✓	✓	✓
2560*1440	✓	✓	✓	✓	✓	1280*960	✓	✓	✓	✓	✓
2048*1536	✓	✓	✓	✓	✓	1280*800	✓	✓	✓	✓	✓
1920*1440	✓	✓	✓	✓	✓	1280*768	✓	✓	✓	✓	✓
1920*1200	✓	✓	✓	✓	✓	1152*864	✓	✓	✓	✓	✓
1920*1080	✓	✓	✓	✓	✓	1280*720	✓	✓	✓	✓	✓
1680*1050	✓	✓	✓	✓	✓	1024*768	✓	✓	✓	✓	✓
1600*1200	✓	✓	✓	✓	✓	800*600	✓	✓	✓	✓	✓
1600*1024	✓	✓	✓	✓	✓	720*576	✓	✓	✓	✓	✓
1600*900	✓	✓	✓	✓	✓	720*480	✓	✓	✓	✓	✓
1440*1080	✓	✓	✓	✓	✓	640*480	✓	✓	✓	✓	✓

Note: Our KVM switch supports a resolution of 2560x1440 @165Hz. If you do not see the specific resolution or refresh rate combination you are looking for in the table above, please feel free to contact us for detailed information.

Detailed table of supported display resolutions and refresh rates.

7. TROUBLESHOOTING AND COMMON PITFALLS

If you encounter issues, review the following common solutions:

- **No Display/Flickering:** Ensure all DisplayPort cables are securely connected and are of sufficient quality (DP 1.4 or higher for 8K@60Hz). Verify your computer's graphics card supports the desired resolution and refresh rate.

- **USB Peripherals Not Working:** Check that the USB 3.0 cables from your computers to the KVM switch are properly connected. Try connecting peripherals directly to the computer to confirm they are functional.

- **Switching Delays:** A brief delay (3-5 seconds) during switching is normal as the KVM re-establishes EDID and display signals. If delays are excessive, ensure all cables are connected correctly.

- **Incorrect Resolution:** Ensure your computer is set to dual-display mode (e.g., by pressing Windows+P). The KVM's Adaptive EDID should optimize settings, but manual adjustment may be needed.

- **Using Adapters/Converters:** Using DisplayPort to HDMI, VGA, or DVI adapters/converters may cause compatibility issues. For optimal performance, use native DisplayPort connections. If adapters are necessary, ensure they are high-quality and active.

Visual guide to avoiding common issues and configuring your KVM switch.

8. SPECIFICATIONS

Feature	Specification
Product Dimensions	4.9 x 2.4 x 1.2 inches
Item Weight	13.44 ounces
Model Number	STK-S7230P2
Brand	Hearvo
Connector Type	DisplayPort, USB 3.0, USB Type C (for power)
Control Method	Push Button, Wired Remote
Material	Metal
Max Resolution	8K@60Hz
USB Ports	3 x USB 3.0

9. WARRANTY AND SUPPORT

Hearvo provides a lifetime warranty for this KVM switch. Additionally, products are covered by a 12-month protection period, during which any defects can be replaced at no cost.

For any issues or technical support, please contact our professional customer service team. We aim to respond within 24 hours.
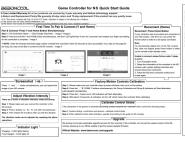
Warranty and support information.

Related Documents - STK-S7230P2

	[CornellCookson STK-EP Series Door Operator Installation and Operation Manual](#) This manual provides detailed installation instructions, operation guidelines, wiring diagrams, and maintenance recommendations for the CornellCookson STK-EP Series commercial and industrial door operators, including models STK-1511EP, STK-3311EP, and STK-5011EP. It covers safety precautions, component identification, setup procedures, control functions, and troubleshooting.
	[HONOR 9X User Guide - Comprehensive Guide to Features and Operations](#) Discover the HONOR 9X User Guide, a comprehensive manual detailing setup, advanced camera features, connectivity options (Wi-Fi, Bluetooth, NFC), security settings, and system management for your smartphone. Optimize your device experience with this essential guide.
	[Sunways STM/STK/STK-Pro User Manual: Installation, Wiring, and Settings Guide](#) This user manual provides detailed information on the Sunways STM, STK, and STK-Pro energy management devices. It covers product overview, safety instructions, specifications, installation procedures, wiring connections for various scenarios, and device settings including WiFi, LAN, Modbus, and export limits.

	[Satsuki Toilet Seat Support Items and Parts Guide](#) A guide to optional support items and replacement parts for Satsuki toilet seats, including bolt sets for installation, high-strength base plates, and various accessories like water splash guards and seat cushions. Details part numbers, prices, and specifications.
	[BEBONCOOL Game Controller for NS Quick Start Guide](#) A quick start guide for the BEBONCOOL Game Controller for Nintendo Switch, covering pairing, connection, vibration adjustment, indicator lights, screen capture, factory calibration, control stick calibration, and firmware upgrades.
	[SHENZHEN SAITAKE ELECTRONIC CO.,LTD. STK-7039RG N-S Controller User Manual](#) User manual for the SHENZHEN SAITAKE ELECTRONIC CO.,LTD. STK-7039RG N-S Controller, detailing its features, setup, and FCC compliance information.