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› Rytaki Pro 8K KVM Switch (HDMI+DisplayPort) User Manual

Rytaki Pro B0FHVLF8B1

Rytaki Pro 8K KVM Switch (HDMI+DisplayPort) User Manual

Brand: Rytaki Pro | Model: B0FHVLF8B1

INTRODUCTION

The Rytaki Pro 8K KVM Switch allows you to control two computers using a single set of keyboard and mouse, while simultaneously sharing two monitors and four USB 3.0 devices. This KVM switch is equipped with both HDMI and DisplayPort inputs, ensuring broad compatibility with various systems. It supports both Extended mode for an expanded workspace and Copy mode for presentations, optimizing your professional or home office workflow.



The Rytaki Pro 8K KVM Switch enables seamless control of two computers with a single peripheral set and dual monitors.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Rytaki Pro 8K DP+HDMI KVM Switch
- 1 x Desktop Controller
- 2 x USB A-B Cables
- 1 x Power Supply Cable (12V/2A power adapter)
- 1 x User Manual

Displayport + HDMI KVM Switch 2 Monitors 2 Computers

One set of keyboard and mouse to control 2 computers and 4 USB devices



USB-Ax3



USB-C



Contents of the Rytaki Pro 8K KVM Switch package.

SETUP INSTRUCTIONS

System Requirements

- Each computer must have dual-display capability.
- Each computer must have one DisplayPort (DP) output, one HDMI output, and one USB-A port.
- To achieve 8K@60Hz resolution, your computers, monitors, and all connecting cables (DP/HDMI) must support 8K@60Hz. Standard sub-2m 8K DP/HDMI cables are recommended (not included).

Key requirements for optimal KVM switch performance.

Connection Steps

Follow these steps to connect your KVM switch:

1. **Connect Monitors:** Connect your two monitors to the KVM switch's **DP OUT A** and **HDMI OUT B** ports.

2. Connect Computers (PC1):

- Connect PC1's DisplayPort output to the KVM's **DP IN 1A** port.
- Connect PC1's HDMI output to the KVM's **HDMI IN 1B** port.
- Connect PC1's USB-A port to the KVM's **USB IN 1** port using one of the provided USB A-B cables.

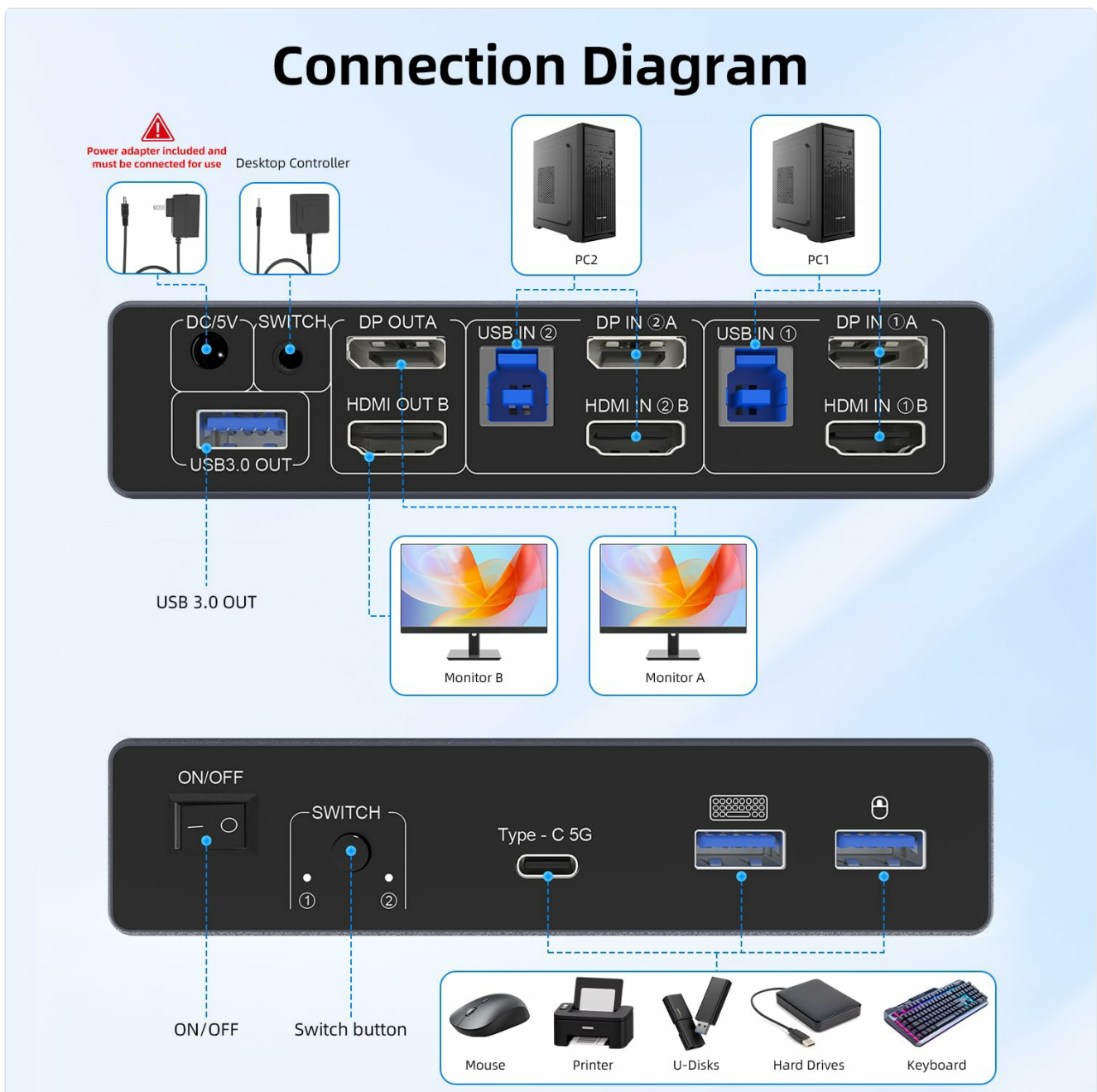
3. Connect Computers (PC2):

- Connect PC2's DisplayPort output to the KVM's **DP IN 2A** port.
- Connect PC2's HDMI output to the KVM's **HDMI IN 2B** port.
- Connect PC2's USB-A port to the KVM's **USB IN 2** port using the second provided USB A-B cable.

4. **Connect Peripherals:** Connect your keyboard, mouse, and other USB 3.0 devices (e.g., printer, U-disk, hard drives) to the **USB 3.0 OUT** ports (3x USB-A, 1x USB-C) on the KVM switch.

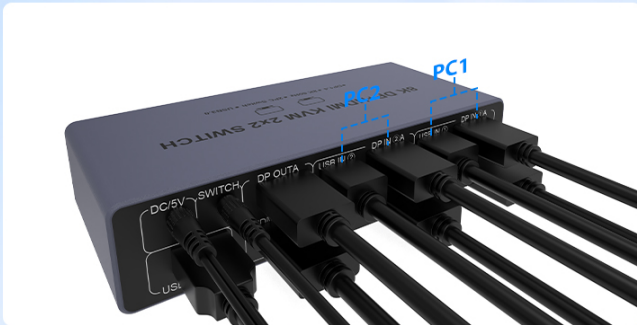
5. **Connect Power:** Connect the included 12V/2A power adapter to the KVM switch's **DC/5V** power input. A stable power supply is essential for reliable operation.

6. **Connect Desktop Controller:** Plug the wired desktop controller into the dedicated **SWITCH** port on the KVM switch.

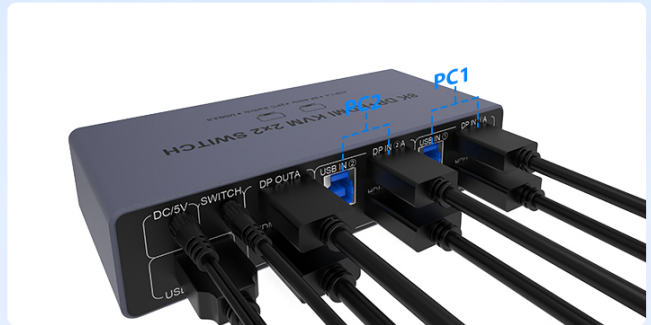


Comprehensive connection diagram for the KVM switch.

✓ Correct connection



✗ Incorrect connection



Important Tips: Each PC must connect 1 DP + 1HDMI cables (for Video Transfer) and a USB-A-B cable (for Data Transfer) for normal use.

Ensure correct cable connections for optimal performance.

OPERATING INSTRUCTIONS

Switching Between Computers

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

- **Front-Panel Button:** Press the 'SWITCH' button located on the front panel of the KVM device for instant, one-tap switching.
- **Wired Desktop Controller:** Use the included external wired controller. This allows you to place the main KVM unit out of sight, keeping your desk clutter-free.

Note: Hotkey switching via keyboard commands is not supported by this device.

2 Ways of Switching

Note: Does not support hotkey switching



Desktop Control
Keep your desktop tidy and clutter-free



Button Switch
Switch to another computer for work with a single tap

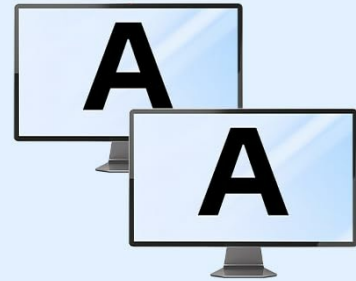
Two methods for switching between computers.

Display Modes

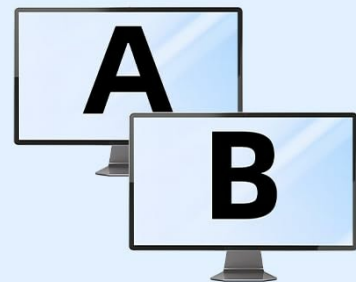
The KVM switch supports two primary display modes for your dual monitors:

- **Extended Mode:** Expands your desktop across both monitors, providing a larger workspace for multitasking.
- **Copy (Mirror) Mode:** Duplicates the same content on both monitors, ideal for presentations or sharing your screen.

Multiple Display Modes



Mirror mode



Extended mode

Supported display modes: Mirror and Extended.

KEY FEATURES

Ultra HD 8K@60Hz Resolution

Experience crystal-clear visuals with support for resolutions up to 8K@60Hz. This KVM switch ensures flawless, lag-free transmission, making it suitable for gaming, graphic design, and video editing. It is fully backward compatible with 4K@120Hz/60Hz, 1080p, and other lower resolutions.

Up to 8K@60Hz High Resolution



Support for resolutions up to 8K@60Hz.

4 Ports USB 3.0 for Peripherals

Connect and share all your essential USB devices with the four integrated USB ports (3x USB-A + 1x USB-C). These ports offer blazing-fast 5Gbps data transfer speeds, allowing quick access to files on external drives, printing documents, or charging devices. The integrated hub eliminates the need for constant cable swapping, enhancing workflow efficiency.

USB 3.0 Ultra-fast Transfer

10X Faster than USB 2.0

USB 3.0	(5Gbps)
USB 2.0	(480Mbps)

5 Gbps



NOTE:These 4 USB ports only support data transfer,not video transfer

High-speed USB 3.0 data transfer capabilities.

MAINTENANCE

To ensure the longevity and optimal performance of your Rytaki Pro 8K KVM Switch, please follow these general maintenance guidelines:

- Keep the device in a clean, dry environment, away from dust and moisture.
- Avoid placing heavy objects on top of the KVM switch.
- Do not expose the device to extreme temperatures.
- Clean the exterior with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- Ensure all cables are securely connected to prevent signal loss or intermittent issues.

TROUBLESHOOTING

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

- **No Display or Intermittent Display:**

- Ensure all DisplayPort and HDMI cables are securely connected to both the KVM switch and your computers/monitors.
 - Verify that your computers and monitors support the desired resolution (e.g., 8K@60Hz).
 - Confirm that the KVM switch is receiving stable power from the included 12V/2A power adapter.
 - Check if your computer's graphics card drivers are up to date.
- **Keyboard/Mouse Not Responding or Disconnecting:**
 - Ensure the USB A-B cables are correctly connected from each computer's USB-A port to the KVM's **USB IN** ports.
 - Verify that your keyboard and mouse are connected to the **USB 3.0 OUT** ports on the KVM switch.
 - Try connecting the keyboard and mouse directly to the computer to confirm they are functional.
 - Ensure the KVM switch has adequate power.
- **USB 3.0 Devices Not Recognized:**
 - Confirm that the USB A-B cables are properly connected from your computers to the KVM's **USB IN** ports.
 - Ensure the USB devices are connected to the **USB 3.0 OUT** ports on the KVM.
 - Some high-power USB devices may require additional power. Ensure the KVM is powered correctly.
- **Cannot Switch Between Computers:**
 - Verify that the wired desktop controller is securely plugged into the KVM's **SWITCH** port.
 - Ensure the KVM switch is powered on.
 - Remember that hotkey switching is not supported; use the front-panel button or the wired controller.

SPECIFICATIONS

Feature	Specification
Brand	Rytaki Pro
Model	B0FHVLF8B1
GTIN / UPC	637586573866
Material	Aluminum
Video Inputs	2 x HDMI, 2 x DisplayPort
Video Outputs	1 x HDMI, 1 x DisplayPort
USB Input (PC)	2 x USB-B 3.0
USB Output (Peripherals)	3 x USB-A 3.0, 1 x USB-C 3.0
Data Transfer Speed	5Gbps (USB 3.0)
Max Resolution	8K@60Hz (backward compatible with 4K@120Hz/60Hz, 1080p)
Switching Method	Front-panel button, Wired desktop controller
Power Supply	12V/2A DC Adapter

Feature	Specification
Operating Voltage	12 Volts (DC)
Mounting Type	Rack Mount

WARRANTY AND SUPPORT

Rytaki Pro is committed to providing high-quality products and excellent customer service. Your KVM switch comes with a **1-Year Quality Guarantee**.

Our dedicated support team is available **24/7, 365 days a year** to assist you with any questions or issues you may encounter. Please do not hesitate to contact us for assistance.



Contact our customer support team for assistance.