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› BENFEI USB 3.0 HDMI KVM Switch(8K@60Hz) with 4 USB 3.0 Ports for 2 Computers Sharging Monitor Keyboard Mouse User Manual

BENFEI BNF-KVM-0355G

BENFEI USB 3.0 HDMI KVM Switch User Manual

Model: BNF-KVM-0355G

INTRODUCTION

Thank you for choosing the BENFEI USB 3.0 HDMI KVM Switch. This device is designed to simplify your workspace by allowing two computers to share one HDMI display and four USB 3.0 peripherals such as a keyboard, mouse, and other USB devices. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and a seamless user experience.



Figure 1: BENFEI USB 3.0 HDMI KVM Switch with included USB-A to USB-A cables and USB-A to USB-C adapter.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x HDMI KVM Switch
- 2 x USB3.0 A-A cables
- 1 x USB-A to C Charging Cable (for power)
- 1 x USB-A to C Adapter
- 1 x User Manual (this document)

Package List

- 1 x HDMI KVM Switch
- 2 x USB3.0 A-A cable
- 1 x USB-A to C Charging Cable
- 1 x USB-A to C Adapter
- 1 x User Manual



Figure 2: Visual representation of the items included in the package.

SETUP INSTRUCTIONS

Follow these steps to set up your KVM switch:

1. **Physical Installation:** The BENFEI KVM switch features an adjustable screw clamp for mounting. Find a suitable location on your monitor stand, desk edge, or monitor itself. The clamp can accommodate thicknesses from 0.19 to 1.41 inches (5-36mm). Tighten the screw to secure the switch firmly. The soft silicone pads prevent scratches and ensure stability.

Special Rotatable Soft Silicone Pads

They prevent display scratches and accommodate most objects with non-flat surfaces

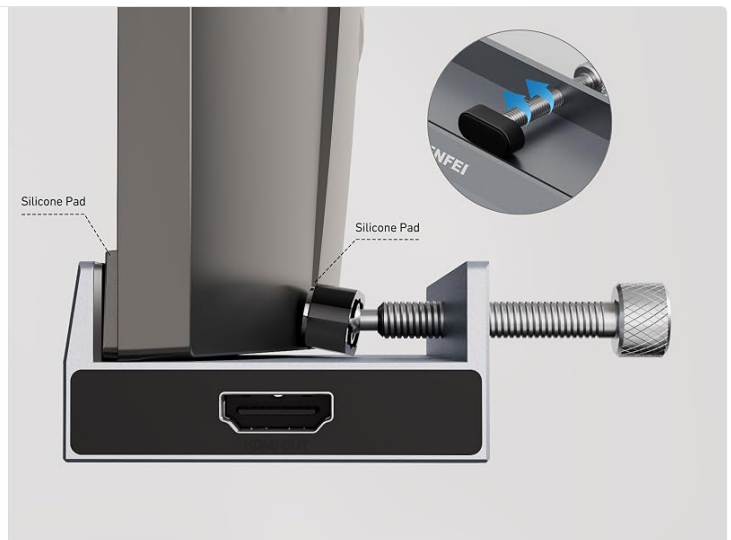


Figure 3: Detail of the adjustable clamp and silicone pads for secure mounting.

2. **Connect HDMI Inputs:** Connect an HDMI cable from the HDMI output of your first computer (PC1) to the 'HDMI IN PC1' port on the KVM switch. Repeat this for your second computer (PC2) to the 'HDMI IN PC2' port.
3. **Connect USB Data Inputs:** Connect one of the included USB 3.0 A-A cables from a USB 3.0 port on your first computer (PC1) to the 'USB IN PC1' port on the KVM switch. Repeat this for your second computer (PC2) to the 'USB IN PC2' port. These connections are crucial for keyboard, mouse, and other USB peripheral functionality.
4. **Connect HDMI Output:** Connect an HDMI cable from the 'HDMI OUT' port on the KVM switch to the HDMI input of your monitor or display.
5. **Connect USB Peripherals:** Plug your keyboard, mouse, USB flash drives, printer, or other USB 3.0/2.0 devices into the four 'USB 3.0' ports on the front of the KVM switch.

6. **Connect Power:** Connect the USB-A to C charging cable to the 'DC-5V' USB-C port on the KVM switch and to a 5V power source (e.g., a USB wall adapter, not included). This ensures stable operation, especially when using high-current USB devices.

HOW TO USE ?

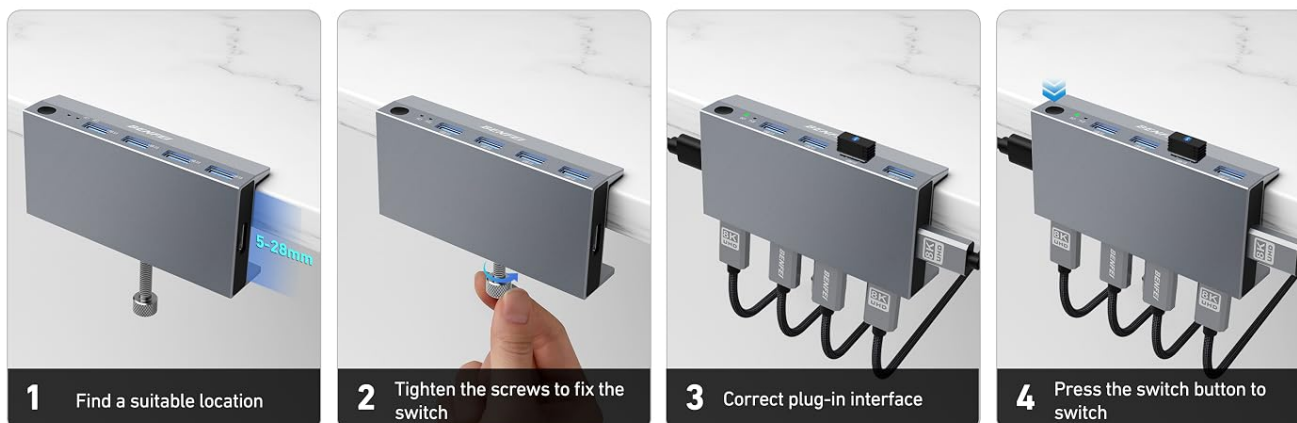


Figure 4: Step-by-step guide for KVM switch installation and connection.



These two USB ports are data transmission ports and **MUST BE** Connected to the hosts so that the keyboard, mouse, and printer can work.



To ensure a stable environment, connect the DC-5V connector to avoid malfunction when using a high-current drive.

Figure 5: Important connections for USB data and power input.

OPERATING INSTRUCTIONS

Once the KVM switch is set up, operating it is straightforward:

- **Switching Between Computers:** To switch between PC1 and PC2, simply press the button on the front of the KVM switch. The LED indicators (PC1, PC2) will illuminate to show which computer is currently active.

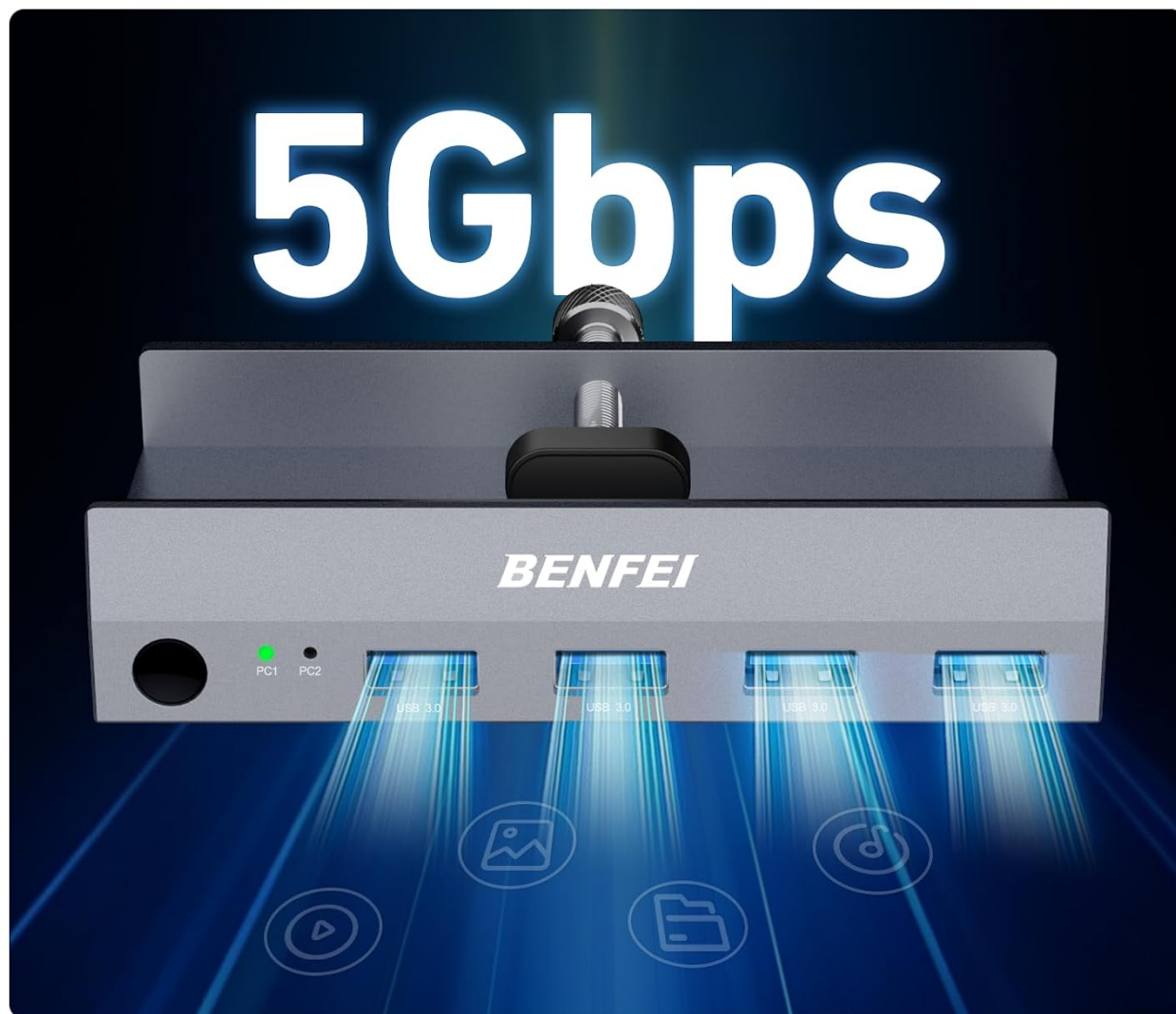
Seamlessly switch between devices

Switch between computers for work with just one tap



Figure 6: Seamlessly switch between connected devices with a single button press.

- **Using Shared USB 3.0 Ports:** All four USB 3.0 ports on the front of the KVM switch are shared between the two connected computers. When you switch to PC1, all connected USB devices will function with PC1. When you switch to PC2, they will function with PC2. These ports support data transfer speeds up to 5Gbps, which is 10 times faster than USB 2.0.



10X
Fast than USB 2.0

**Ultra-fast Data Transfer
USB 3.0 Ports**

Figure 7: High-speed data transfer via USB 3.0 ports.

MAINTENANCE

To ensure the longevity and optimal performance of your BENFEI KVM switch, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the KVM switch. Avoid using liquid cleaners, aerosols, or abrasive solvents, as they may damage the device.
- **Ventilation:** Ensure the KVM switch is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Cable Management:** Keep cables organized and untangled to prevent strain on ports and accidental disconnections.
- **Environmental Conditions:** Store and operate the device in a dry environment, away from extreme temperatures, humidity, and direct sunlight.

TROUBLESHOOTING

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

- No Display or Flickering Screen:**
 - Ensure all HDMI cables are securely connected to both the KVM switch and your computers/monitor.
 - Verify that the KVM switch is powered on and the correct input (PC1/PC2) is selected.
 - Check your monitor's input source settings to ensure it's set to the correct HDMI input.
 - Try using different HDMI cables, especially if you are using long cables or cables not rated for 8K@60Hz.
 - Reduce the display resolution or refresh rate on your computer to see if the issue persists.
- Keyboard/Mouse Not Responding or Intermittent Connection:**
 - Ensure the USB data cables (USB-A to USB-A) from both computers are securely connected to the 'USB IN PC1' and 'USB IN PC2' ports on the KVM switch. These are essential for peripheral functionality.
 - Confirm that the KVM switch is receiving adequate power via the DC-5V USB-C port. Insufficient power can affect USB device recognition.
 - Disable USB power saving settings in your computer's operating system (e.g., in Windows Device Manager, for USB Root Hubs, uncheck 'Allow the computer to turn off this device to save power').
 - Try connecting the keyboard/mouse to different USB 3.0 ports on the KVM switch.
 - If using wireless peripherals, ensure their dongles are securely plugged into the KVM's USB ports.
- Slow Switching Time:**
 - A brief delay (a few seconds) during switching is normal as the operating system re-establishes connection with the display and peripherals.
 - Ensure the KVM switch is powered on before powering on your connected computers.
- Device Not Recognized (e.g., printer, hard drive):**
 - Ensure the device is properly connected to one of the KVM's USB 3.0 ports.
 - Verify that the KVM switch has sufficient power. Some high-power USB devices may require the KVM to be externally powered.
 - Try connecting the device directly to the computer to confirm it functions independently of the KVM switch.

SPECIFICATIONS

Detailed technical specifications for the BENFEI USB 3.0 HDMI KVM Switch:

Feature	Specification
Model Number	BNF-KVM-0355G
Product Dimensions	14 x 10 x 5 cm
Item Weight	340 g
Material	Aluminum
HDMI Version Support	HDMI 2.1, HDMI 2.0

HDCP Support	HDCP 2.2/1.4
Resolution Support	Up to 8K@60Hz, 4K@240Hz, 2560x1440@120Hz, 1920x1080@240Hz
USB Ports	4 x USB 3.0 (shared)
USB Data Transfer Speed	Up to 5Gbps (USB 3.0)
Power Input	DC-5V (via USB-C port)
Additional Features	3D, CEC, HDR support
Mounting Type	Surface Mount (adjustable clamp)

Product size



Figure 8: Product dimensions and clamp range.

All-aluminum Design

Durable finish, Scratch resistant
Good heat dissipation performance



Figure 9: The durable all-aluminum design of the KVM switch.

WARRANTY AND SUPPORT

BENFEI stands behind the quality of its products.

- **Warranty:** This product is covered by an exclusive BENFEI Unconditional 18-month Warranty, ensuring long-term

satisfaction with your purchase.

- **Customer Service:** For any questions, concerns, or technical assistance, please contact BENFEI customer service. Our friendly and easy-to-reach support team is available to help you resolve any issues timely.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question