

## Yinker 8K HDMI KVM Switch 2 Port

# Yinker 8K HDMI KVM Switch 2 Port User Manual

MODEL: 8K HDMI KVM SWITCH 2 PORT

Brand: Yinker

## 1. INTRODUCTION AND OVERVIEW

The Yinker 8K HDMI KVM Switch with 2 ports is designed to provide seamless control of two personal computers (PCs) using a single monitor and a shared set of USB 3.0 peripherals, including a keyboard and mouse. This device is ideal for users who need to manage multiple systems efficiently without the clutter of multiple displays and input devices.

It supports ultra-high-definition resolutions up to 8K@60Hz, ensuring a crisp and clear visual experience. The switch also features multiple USB 3.0 ports for connecting various USB devices, enhancing productivity and convenience.

# 2 PC Share 4 USB Devices and 1 Monitor



Image: The Yinker 8K HDMI KVM Switch enables two PCs to share one monitor and four USB devices, supporting 8K@60Hz, 4K@120Hz, USB 3.0, and 48Gbps bandwidth.

## 2. PRODUCT FEATURES

- **KVM Functionality:** Control 2 PCs with a single monitor, keyboard, and mouse.
- **Dual Switching Methods:** Easily switch between connected computers using either the wired remote controller or the button on the KVM switch unit.
- **High Resolution Support:** Supports resolutions up to 8K@60Hz, and is backward compatible with 4K@120Hz, 2K@144Hz, and 1080p@240Hz.
- **High Bandwidth:** Features 48Gbps bandwidth for high refresh rates, ensuring a smooth experience without lag or frame drops.
- **EDID Automatic Recognition:** Automatically recognizes and adapts screen resolution to meet personalized display requirements.
- **4 x USB 3.0 Ports:** Provides four USB 3.0 ports for convenient sharing of various USB devices such as keyboards, mice, scanners, printers, and USB drives.

- **Wide Compatibility:** Compatible with most wired or wireless keyboards and mice. Supports HDMI 2.1, HDCP 2.3, and downscale.
- **Durable Design:** Constructed with a high-security, lightweight aluminum alloy shell and copper shell nickel-plated interfaces for anti-oxidation and fast transmission. Features contour chamfering for comfortable handling.



Image: The KVM switch supports 8K@60Hz high refresh rate, with backward compatibility for 4K@120Hz no-loss resolution.

# Ultra Fast USB 3.0

Data transfer rate up to 5Gbps( 10 times faster than USB 2.0)



Image: The KVM switch features Ultra Fast USB 3.0, offering data transfer rates up to 5Gbps, which is 10 times faster than USB 2.0.

## 3. PACKAGE CONTENTS

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

- 1 x HDMI KVM Switcher Host
- 1 x Wire-Desktop Controller
- 2 x USB-A to USB-A USB 3.0 Cables
- 1 x 5.5\*2.1mm USB to DC Power Cable (5V)
- 1 x User Manual (this document)
- 1 x Packaging Box

## 4. SETUP GUIDE

Follow these steps to set up your Yinker 8K HDMI KVM Switch:

1. **Connect Display:** Connect your monitor or display to the **HDMI OUT** port on the KVM switch.
2. **Connect Computers:** Connect your first computer to the **HDMI IN 1** port and its corresponding USB-B to USB-A cable to the **USB IN 1** port. Repeat this step for your second computer, connecting it to **HDMI IN 2** and **USB IN 2**.
3. **Connect Input Devices:** Plug your USB keyboard and USB mouse into the dedicated USB ports on the front panel of the KVM switch (labeled USB for keyboard and mouse).
4. **Connect Wired Controller:** If using, connect the wired desktop controller to the **CONTROL** port on the front of the KVM switch.
5. **Connect Power:** Connect the provided 5.5\*2.1mm USB to DC Power Cable to the **DC 5V** port on the KVM switch and then to a 5V power source (e.g., a USB wall adapter or a computer's USB port).
6. **Connect Other USB Devices:** Connect any additional USB 3.0 devices (e.g., printer, USB drive, scanner) to the remaining USB 3.0 ports on the KVM switch.
7. **Power On:** Ensure all connected computers and the monitor are powered on.

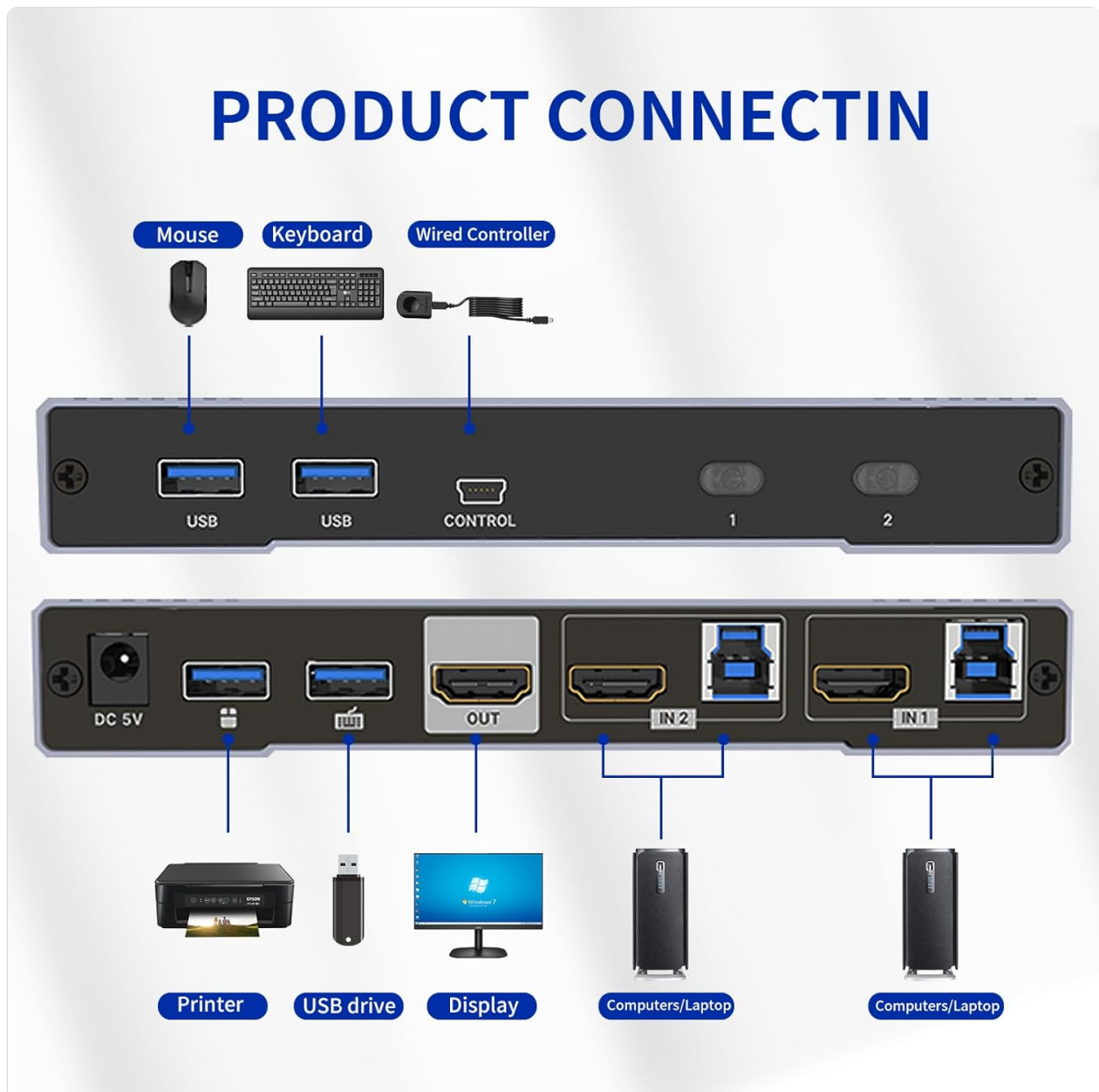


Image: Detailed connection diagram for the Yinker KVM switch, illustrating how to connect mouse, keyboard, wired controller, printer, USB drive, display, and two computers/laptops.

## 5. OPERATING INSTRUCTIONS

The Yinker 8K HDMI KVM Switch offers two convenient methods for switching between connected computers:

- **Panel Button Switching:** Press the '1' or '2' button on the front panel of the KVM switch to select the corresponding computer. The illuminated LED next to the button will indicate the currently active computer.
- **Wired Desktop Controller:** Press the button on the wired desktop controller to cycle between the connected computers. This provides a convenient way to switch without reaching for the KVM unit itself.

Ensure that both computers are powered on and properly connected for seamless switching.



### One Press Switching

Support panel button and 5ft wired selector to switch

Image: The KVM switch supports one-press switching via its panel button or the included 5ft wired selector controller.

## 6. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosol sprays, as they may damage the unit.
- **Environment:** Keep the KVM switch in a cool, dry place, away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the unit.
- **Cable Management:** Ensure all cables are neatly organized and not excessively bent or strained. This prevents damage to the cables and ports.
- **Power Off When Not in Use:** If the device will not be used for an extended period, it is recommended to disconnect the power adapter.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No display on monitor.	Loose HDMI cable connection; Incorrect input selected on monitor; KVM switch not powered; Computer not outputting signal.	Ensure all HDMI cables are securely connected. Check monitor's input source. Verify KVM switch is powered. Ensure computer is on and outputting video. Try restarting the KVM switch and computers.
Keyboard/Mouse not working.	Loose USB cable connection; Incorrect USB port used; Driver issues on computer.	Ensure USB cables from computers to KVM are connected. Plug keyboard/mouse into the dedicated USB ports on the KVM. Try connecting KVM's USB output to a different USB port on the computer. Test keyboard/mouse directly on the computer.
Cannot switch between computers.	USB cables from computers to KVM not connected; KVM switch malfunction.	Ensure both USB-A to USB-A cables are connected from the computers to the KVM's USB IN ports. Try both the panel button and the wired controller. Restart the KVM switch.
Resolution/Refresh rate issues.	Cable quality; Graphics card settings; Monitor limitations.	Ensure you are using high-quality HDMI 2.1 cables. Check your computer's display settings to ensure the desired resolution and refresh rate are selected and supported by your monitor.

## 8. SPECIFICATIONS

<b>Product Dimensions</b>	3 x 2 x 0.7 inches
<b>Weight</b>	1.15 Pounds
<b>Operation Mode</b>	ON-OFF

<b>Current Rating</b>	2 Amps
<b>Operating Voltage</b>	5 Volts (AC)
<b>Connector Type</b>	Plug In
<b>HDMI Standard</b>	HDMI 2.1
<b>USB Standard</b>	USB 3.0
<b>Max Resolution</b>	8K@60Hz
<b>Backward Compatibility</b>	4K@120Hz, 2K@144Hz, 1080p@240Hz
<b>Bandwidth</b>	48Gbps

## 9. WARRANTY AND SUPPORT

Yinker is committed to providing reliable products and excellent customer service. For any questions, concerns, or technical support regarding your 8K HDMI KVM Switch, please contact us directly using your order number.

We are dedicated to providing prompt and satisfactory solutions to ensure your complete satisfaction with our product.