

## MT-VIKI MT-HK401W

# MT-VIKI 4K Quad HDMI KVM Multiviewer (MT-HK401W) Instruction Manual

Model: MT-HK401W

## 1. INTRODUCTION

The MT-VIKI 4K Quad HDMI KVM Multiviewer (MT-HK401W) is a versatile device designed to manage multiple HDMI input sources and display them on a single monitor. This unit supports up to four computers sharing one monitor, keyboard, and mouse, offering seamless switching and various display modes. It is ideal for professional and personal setups requiring efficient management of multiple systems.

## 2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x MT-VIKI 4K Quad HDMI KVM Multiviewer (MT-HK401W)
- 1x DC 12V Power Adapter
- 4x HDMI 1.5M Cables
- 4x USB 2.0 1.5M Cables
- 1x Wire-desktop Controller
- 1x User Manual



Image: All components included in the MT-VIKI 4K Quad HDMI KVM Multiviewer package.

### 3. PRODUCT FEATURES

- **4K@30Hz Resolution:** Supports resolutions up to 4K@30Hz, ensuring high-quality visuals.
- **4x1 KVM Functionality:** Control up to 4 PCs with one set of keyboard, mouse, and monitor.
- **7 Display Modes:** Includes Single Mode, PIP (Picture-in-Picture), POP (Picture-on-Picture), 2x2, Horizontal 1x3, Vertical 1x3, and 4-Screen Mode.
- **Seamless Switching:** Fast and smooth transitions between input sources without black screens or flickering.
- **Multiple Switching Methods:** Switch inputs via front panel buttons, wire-desktop controller, keyboard hotkeys, or auto-switching.
- **4x USB 2.0 Hub:** Connect keyboard, mouse, U-disk, printer, or other USB 2.0 devices.
- **Audio Output:** Audio follows the current selected port.
- **Wide Compatibility:** Compatible with various HDMI devices including gaming consoles, media players, and computers.



Image: Overview of the MT-VIKI 4K Quad HDMI KVM Multiviewer's key features.

### 4. SETUP INSTRUCTIONS

Follow these steps to set up your MT-VIKI KVM Multiviewer:

1. **Connect Input Devices:** Connect up to four source devices (e.g., PCs, gaming consoles) to the HDMI IN 1-4 ports on the rear of the multiviewer using the provided HDMI cables.
2. **Connect USB Devices:** For KVM functionality, connect the USB 2.0 cables from your source PCs to the corresponding USB IN ports (USB 1-4) on the multiviewer. Connect your keyboard and mouse to the dedicated KVM USB ports on the multiviewer.
3. **Connect Display:** Connect your HDMI monitor to the HDMI OUT port on the rear of the multiviewer using an HDMI cable.
4. **Connect Power:** Plug the DC 12V power adapter into the DC 12V port on the multiviewer, then plug the adapter into a power outlet.
5. **Power On:** Turn on the multiviewer using the ON/OFF switch. The power indicator LED will light up.

4 PC share 1 monitor ,1 printer and 1 set of keyboard and mouse greatly saving your office space



Image: Rear panel connections for HDMI inputs, USB inputs, HDMI output, and power.

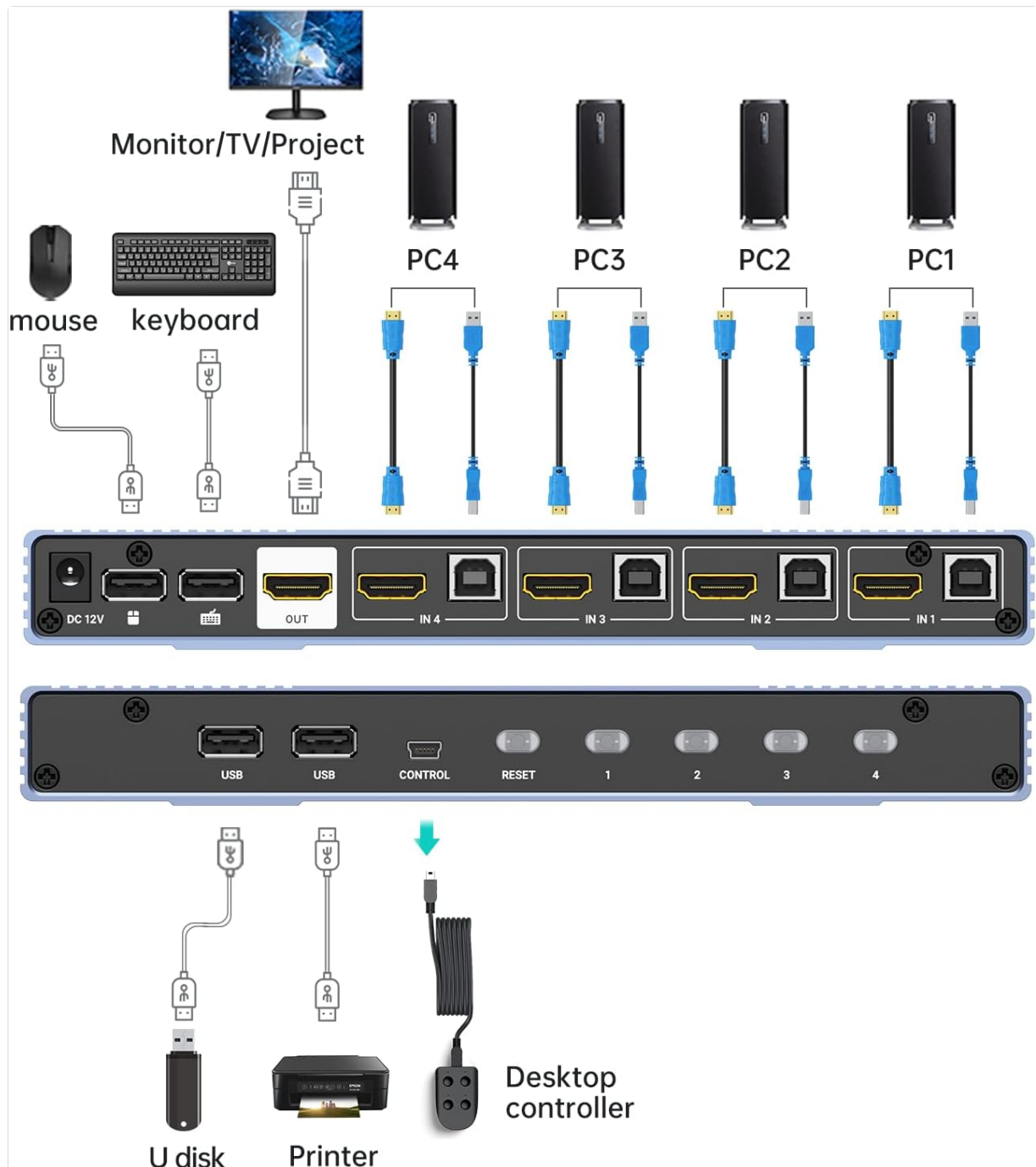


Image: Front panel features including USB ports and control buttons.

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Video: An introductory guide to the MT-VIKI 4K HDMI KVM Multiviewer, demonstrating its features and basic setup.

## 5. OPERATING MODES AND SWITCHING

The multiviewer offers various display modes and convenient switching options:

### 5.1 Display Modes

The device supports 7 display modes to suit different needs:

- **Single Mode:** Displays one input source in full screen.
- **PIP (Picture-in-Picture):** Displays one main input with a smaller window of another input.
- **POP (Picture-on-Picture):** Displays two input sources side-by-side.
- **2x2 Mode:** Displays four input sources in equal quadrants.
- **Horizontal 1x3 / Vertical 1x3:** Displays one large input with three smaller inputs arranged

horizontally or vertically.

- **4-Screen Mode:** Various layouts for displaying four screens simultaneously.

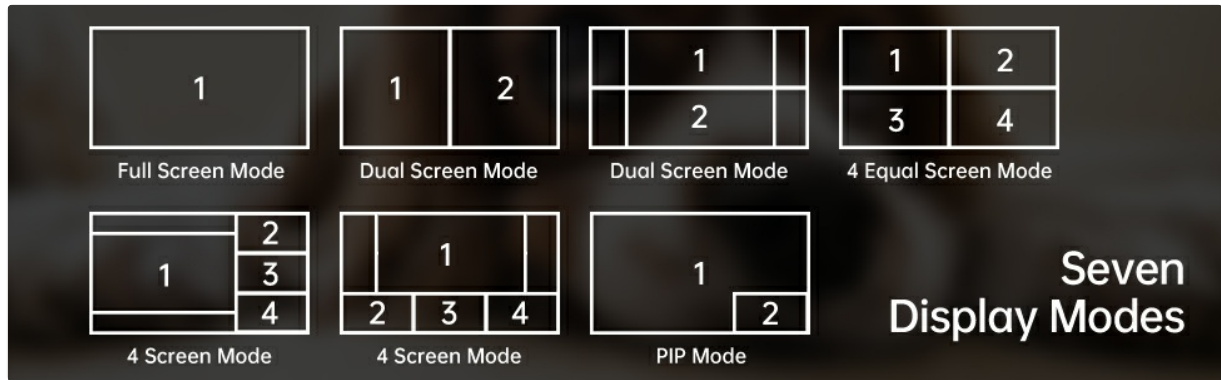


Image: Visual representation of the 7 available display modes.

## 5.2 Switching Methods

You can switch between input sources using the following methods:

- **Front Panel Buttons:** Press the 'Input' buttons (1-4) on the front panel to directly select an input.
- **Wire-desktop Controller:** Use the included wired controller for convenient switching from your desk.
- **Keyboard Hotkeys:** Use specific keyboard combinations (e.g., Home + Home + 1) to switch to the corresponding input.
- **Auto-Switching:** Configure the device for automatic cycling through inputs.





Image: Visual guide to the four different input switching methods.

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Video: A short demonstration of the 4x1 HDMI Multi View Switcher's functionality.

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Video: Demonstration of various display modes on a Yinker 4K HDMI KVM Multiviewer.

## 6. CONNECTIONS

The MT-HK401W offers comprehensive connectivity for your devices:

- **HDMI IN (1-4):** Connect your four HDMI source devices.
- **USB IN (1-4):** Connect the USB cables from your PCs for KVM functionality.
- **HDMI OUT:** Connect to your monitor.
- **KVM USB Ports:** Dedicated USB ports for keyboard and mouse.
- **USB 2.0 Hub:** Additional USB ports for peripherals.
- **DC 12V:** Power input.



Image: Detailed view of the input and output ports on the multiviewer.



Image: USB 1.1 and USB 2.0 ports for connecting peripherals.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	MT-HK401W
Brand	MT-VIKI
Resolution Support	Up to 4K@30Hz
HDMI Version	HDMI 1.4
HDCP Version	HDCP 1.4
USB Ports	4x USB 2.0 Hub
Power Supply	DC 12V
Item Weight	2.62 pounds
Package Dimensions	10.43 x 5.47 x 3.7 inches

## 8. TROUBLESHOOTING

- No Display/Flickering Screen:

- Ensure all HDMI cables are securely connected and are of high quality.
- Verify the power adapter is correctly connected and the unit is powered on.
- Try adjusting the resolution of your source devices to match the monitor's capabilities.
- **KVM Function Not Working:**
  - Ensure the USB 2.0 cables are connected from each PC to the multiviewer's USB IN ports.
  - Verify your keyboard and mouse are connected to the dedicated KVM USB ports.
  - Remember that the KVM function only works for the currently selected port; it cannot control multiple computers simultaneously.
- **No Audio Output:**
  - Check your monitor's audio settings and ensure it's not muted.
  - Verify that the audio output follows the current selected port.

## 9. MAINTENANCE

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- Keep the device in a cool, dry place away from direct sunlight and heat sources.
- Clean the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Avoid blocking ventilation openings to prevent overheating.

## 10. WARRANTY AND SUPPORT

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This product comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please refer to the contact information provided in your package or visit the MT-VIKI official website.

For additional support, you may also consider purchasing extended protection plans available from your retailer.