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> MT-VIKI 4K HDMI Switch SW501-MH User Manual

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Model: SW501-MH | Brand: MT-VIKI

1. INTRODUCTION

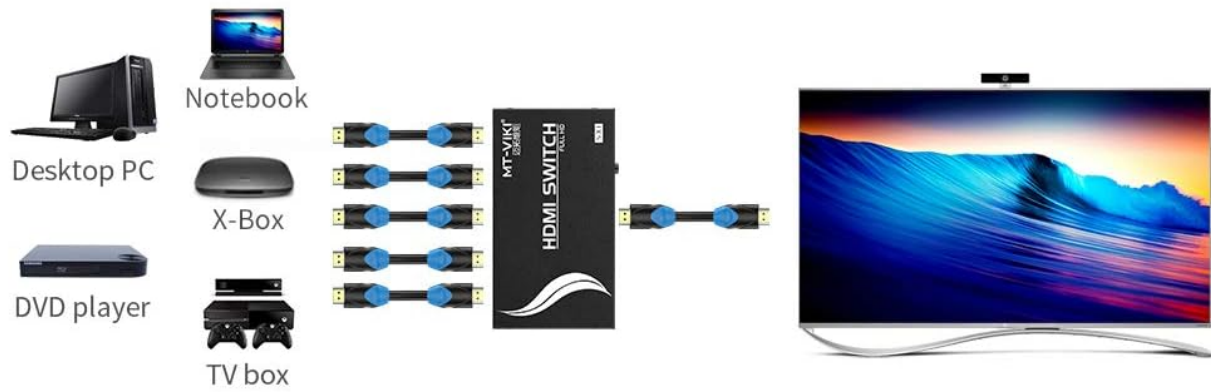
The MT-VIKI 4K HDMI Switch SW501-MH is designed to connect up to five HDMI source devices to a single HDMI display. This allows users to easily switch between various devices such as gaming consoles, Blu-ray players, streaming devices, and computers without repeatedly plugging and unplugging cables. The switch supports 4K resolution at 30Hz and includes an infrared (IR) remote control for convenient operation.

2. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x MT-VIKI 5 Port HDMI Switch (SW501-MH)
- 1 x USB Power Cable
- 1 x IR Remote Control
- 1 x User Manual

5 HDMI input to 1 HDMI output



VS



Image: Contents of the MT-VIKI HDMI Switch package.

3. PRODUCT FEATURES AND SPECIFICATIONS

Key Features:

- **5-in-1-Out Switching:** Connects up to five HDMI source devices to one HDMI display.
- **4K@30Hz Resolution:** Supports resolutions up to 3840x2160 at 30Hz, including 3D video.
- **IR Remote Control:** Conveniently switch inputs from a distance.
- **Manual Switching:** Button on the device for direct input selection.
- **Durable Metal Casing:** Provides excellent heat dissipation and signal stability.
- **Plug and Play:** No software installation required.
- **Audio Support:** DTS-HD, Dolby-True HD, LPCM 7.1, Dolby-AC3, DSD.
- **HDCP 1.4 Compliant:** Ensures compatibility with protected content.
- **Wide Compatibility:** Works with computers, Xbox, PlayStation (PS5, PS4), Blu-ray players, DVD players, TV Boxes, PCs, Laptops, Fire Sticks, Roku, and other HDMI-enabled devices.

Technical Specifications:

Specification	Detail
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Model	SW501-MH
Brand	MT-VIKI
Color	Black
Connector Type	HDMI
Number of Ports	5 Input, 1 Output
Max Resolution	4K@30Hz (3840x2160)
3D Support	Yes
HDCP Version	1.4
Audio Formats	DTS-HD, Dolby-True HD, LPCM 7.1, Dolby-AC3, DSD
Power Supply	DC 5V (via USB Power Cable)
Material	Metal Case

4. SAFETY INFORMATION

To ensure safe and optimal operation of your MT-VIKI HDMI Switch, please observe the following:

- Do not expose the device to water, moisture, or extreme temperatures.
- Avoid placing the device in direct sunlight or near heat sources.
- Use only the provided USB power cable.
- Ensure all cables are securely connected before powering on devices.
- Do not attempt to open or repair the device yourself. Refer to qualified personnel for service.
- For optimal signal transmission, HDMI input cables should not exceed 5 meters, and output cables should not exceed 10 meters.

5. SETUP & INSTALLATION

Follow these steps to set up your MT-VIKI 4K HDMI Switch:

1. **Connect the Display:** Connect one end of an HDMI cable to the 'HDMI OUT' port on the MT-VIKI switch and the other end to an HDMI input port on your TV or monitor.
2. **Connect Source Devices:** Connect up to five HDMI source devices (e.g., Xbox, PS5, Blu-ray player) to the 'HDMI IN 1' through 'HDMI IN 5' ports on the switch using HDMI cables.
3. **Connect Power:** Plug the provided USB power cable into the 'DC 5V' port on the switch and connect the other end to a USB power source (e.g., a USB wall adapter, TV USB port, or computer USB port). The switch will power on automatically.
4. **Power On Devices:** Power on your HDMI source devices and your display.

MT-VIKI Packing

Switch+Control+cord



Image: Connection diagram for the MT-VIKI 5-port HDMI switch.

Video: Detailed guide on packaging and installation for the MT-VIKI HDMI Switch.

6. OPERATING INSTRUCTIONS

You can switch between your connected HDMI devices using two methods:

6.1. Manual Switching

Press the 'SELECTED' button on the front panel of the HDMI switch to cycle through the HDMI input ports (1-5). The corresponding LED indicator will light up to show the currently active input.

6.2. IR Remote Control

Use the provided IR remote control to directly select the desired input. Press the number button (1-5) corresponding to the HDMI input port you wish to activate. Ensure there is a clear line of sight between the

remote and the IR receiver on the switch.

IR Remote for easily switching

Lets you swap HDMI channels up to 15 ft without needing to get out of your comfortable zone.



Image: IR Remote Control for the HDMI Switch.

Video: Overview of MT-VIKI HDMI/VGA/RCA Switch Series, demonstrating switching functionality.

Video: Demonstration of the 4K 30Hz HDMI Switch with 3 and 5 ports.

7. TROUBLESHOOTING

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

- **No Signal / Screen Goes Black:**

- Ensure all HDMI cables are securely connected to both the source devices, the switch, and the display.

- Verify that the USB power cable is connected and providing power to the switch. A red LED on the switch indicates power.
- Check if the selected input on the switch matches the active source device.
- Try using shorter, high-quality HDMI 1.4 (or above) cables. Input cables should ideally be no longer than 5 meters, and output cables no longer than 10 meters to prevent signal degradation, especially at 4K resolutions.
- Test the source device directly connected to the display to rule out issues with the source or display.

- **Automatic Switching Issues:**

- The switch is designed to automatically switch to a new source when it detects a signal. If you experience unwanted auto-switching, ensure only one source device is active at a time, or manually select your desired input.
- Some devices, even in standby, might send a low-level signal that triggers auto-switching. Power off unused devices completely if this occurs.

- **Remote Control Not Working:**

- Ensure the remote control has working batteries.
- Check for any obstructions between the remote and the IR receiver on the switch.
- Point the remote directly at the IR receiver on the switch.

Video: Guide on how to choose the right HDMI switch for your needs, which may help in understanding compatibility and features.

8. MAINTENANCE

To maintain your MT-VIKI HDMI Switch in good condition:

- Clean the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Keep the device free from dust and debris.
- Store the switch in a cool, dry place when not in use for extended periods.

9. WARRANTY & SUPPORT

For warranty information or technical support, please refer to the MT-VIKI official website or contact your retailer. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [MT-VIKI Store on Amazon](#).