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› VWRHar HDMI Switch 3 in 1 Out 4K UHD User Manual

VWRHar 4K2301A

VWRHar HDMI Switch 3 in 1 Out 4K UHD User Manual

Model: 4K2301A

INTRODUCTION

The VWRHar HDMI Switch is designed to expand the HDMI input capabilities of your display device. This 3-port HDMI switch allows you to connect up to three HDMI source devices to a single HDMI display, eliminating the need to constantly swap cables. It supports 4K 60Hz resolution, 3D display, and Full-HD 1080P, ensuring high-quality video and audio transmission. With its convenient remote control and automatic switching function, managing your connected devices becomes effortless.



Image: The VWRHar HDMI Switch unit shown with its included remote control. The switch features three input ports and one output port, designed for easy connection and management of multiple HDMI devices.

PRODUCT FEATURES

- **3-Port HDMI Connectivity:** Connects up to three HDMI source devices (e.g., gaming consoles, TV boxes, DVD players) to a single HDMI display, simplifying cable management.
- **4K UHD Resolution Support:** Supports 4K@60Hz (3840x2160p@60Hz), 3D display, and Full-HD 1080P, maintaining crisp and clear picture quality. Compatible with HDCP 2.2, LPCM, DOLBY AC3, DTS7.1, and deep color (24bit, 30bit, 26bit).
- **Convenient Remote Control:** Includes an IR remote control for easy switching between video sources from a distance.
- **Automatic Switching Function:** Automatically switches to the active device when it is powered on, providing a hassle-free user experience. LED indicators show the currently active port.
- **Wide Compatibility:** Compatible with a broad range of HDMI source devices including Blu-ray players, DVD players, Xbox 360, PS3, PS4, PS5, Nintendo Switch, Apple TV, Fire TV stick, Roku Stick, PCs, Laptops, HDTVs, HD Monitors, and Projectors.
- **Fast & Stable Transmission:** Features gold-plated connectors and supports high bandwidth 3.4Gbps data transmission. Powered via USB (cable included) for stable video signal transmission and enhanced performance.
- **Durable Construction:** Encased in an aluminum alloy for effective heat dissipation and long-term durability.

High Quality Switch



Aluminum alloy case for solid heat dispensation



USB external power ensures stable video transmission



Gold-plated HDMI connector enhanced signal transfer



Image: A detailed view of the VWRHar HDMI Switch, illustrating its aluminum alloy casing for heat dissipation, the DC/5V USB power input, and the gold-plated HDMI connectors designed for enhanced signal transfer.

PACKAGE CONTENTS

- VWRHar HDMI Switch (3 In 1 Out)
- IR Remote Control
- USB Power Cable (DC 5V)
- User Manual (this document)

SETUP INSTRUCTIONS

1. **Connect the Display:** Connect one end of an HDMI cable (not included) to the "OUTPUT" port on the VWRHar HDMI Switch. Connect the other end of this HDMI cable to an HDMI input port on your TV, monitor, or projector.
2. **Connect Source Devices:** Connect your HDMI source devices (e.g., PS5, Xbox, Blu-ray player, Fire Stick) to the "IN 1", "IN 2", and "IN 3" ports on the VWRHar HDMI Switch using separate HDMI cables (not included). You can use any of the input ports.
3. **Power the Switch:** Connect the provided USB power cable to the "DC/5V" port on the HDMI Switch. Plug the other end of the USB cable into a USB power source (e.g., a USB port on your TV, a USB wall adapter, or a power bank). The LED indicator on the switch will illuminate, indicating it is powered on.
4. **Prepare Remote Control:** If using the remote control, ensure the battery (CR2025, usually pre-installed) has its protective plastic tab removed.

3 IN 1 OUT HDMI SWITCH

Connect up to 3 input devices to 1 output device



Image: A visual guide demonstrating the connection process for the VWRHar HDMI Switch. It shows three input devices (laptop, gaming console, TV box/stick) connected to the 'IN' ports and one output device (TV) connected to the 'OUTPUT' port.

OPERATING INSTRUCTIONS

The VWRHar HDMI Switch offers two primary methods for switching between connected HDMI sources:

Manual Switching (Button on Device)

- Locate the "Select" button on the front of the HDMI Switch unit.
- Press the button repeatedly to cycle through the input ports (IN 1, IN 2, IN 3).
- The corresponding LED indicator light (1, 2, or 3) will illuminate to show which input is currently active.

Remote Control Switching

- Point the IR remote control towards the HDMI Switch unit.
- Press the corresponding number button (1, 2, or 3) on the remote to directly select the desired HDMI input port.
- The LED indicator on the switch will confirm the selected input.

Automatic Switching

- The switch is designed to automatically detect and switch to a newly activated HDMI source. For example, if you turn on a gaming console connected to IN 2 while IN 1 is active, the switch may automatically switch to IN 2.
- If multiple devices are active, the switch will typically remain on the last manually selected or automatically detected active input. Manual or remote switching can override automatic selection.

Easy to Select Your Favorite Media

Swap video without leaving comfortable zone



Image: This illustration highlights the two primary methods for selecting inputs: using the included IR remote control or pressing the physical switch button on the unit itself.

Automatic Switching Function

Automatically switch to the device turned on



Image: A visual representation of the automatic switching feature, showing how the switch detects and activates the input from a newly powered-on device, indicated by the illuminated LED light.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the HDMI switch. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts.
- **Ventilation:** Ensure the device has adequate ventilation and is not covered, as this can affect heat dissipation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No signal or flickering image on display.	Loose HDMI cables, incorrect input selected, insufficient power, incompatible resolution.	◦ Ensure all HDMI cables are securely connected to both the switch and the devices/display. ◦ Verify that the correct input port is selected on the HDMI switch (check LED indicator). ◦ Ensure the USB power cable is connected and the switch is receiving adequate power. Try a different USB power source if available. ◦ Check if your display supports the resolution output by your source device. Try lowering the resolution on the source device if issues persist. ◦ Test with different HDMI cables if possible.
Remote control is not working.	Battery issue, IR sensor blocked, remote out of range.	◦ Ensure the protective plastic tab has been removed from the remote control battery (CR2025). ◦ Replace the battery if it is depleted. ◦ Ensure there are no obstructions between the remote and the IR sensor on the HDMI switch. ◦ Point the remote directly at the switch and ensure you are within effective range.
Automatic switching does not work consistently.	Device power state, HDMI CEC conflicts, specific device behavior.	◦ Automatic switching relies on the source device sending an active signal. Ensure the source device is fully powered on and outputting a signal. ◦ Some devices' HDMI-CEC (Consumer Electronics Control) features can interfere with automatic switching. Try disabling HDMI-CEC on your source devices or TV if available. ◦ Use the manual button or remote control to switch inputs if automatic switching is not reliable for your specific setup.
Audio issues (no sound, distorted sound).	Audio format incompatibility, cable issue, display settings.	◦ Ensure your display and audio system support the audio format being output by the source device. ◦ Check HDMI cable connections. ◦ Verify audio settings on your source device and display.

SPECIFICATIONS

Feature	Detail
Model Number	4K2301A
Product Dimensions	2.36 x 3.94 x 0.67 inches (6 x 10 x 1.7 cm)
Item Weight	6.3 ounces (178.6 grams)
HDMI Inputs	3
HDMI Outputs	1

Feature	Detail
Supported Resolution	Up to 4K@60Hz (3840x2160p@60Hz), 1080P, 3D
HDCP Support	HDCP 2.2
Audio Support	LPCM, DOLBY AC3, DTS7.1
Color Depth	24bit, 30bit, 26bit
Data Transmission Bandwidth	3.4Gbps
Power Supply	DC 5V (via Micro USB)
Control Method	Manual button, IR Remote Control, Automatic Switching
Material	Aluminum Alloy Casing
Color	Black

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or customer service, please refer to the documentation included with your purchase or visit the official VWRHar website. Contact details for support may also be available on the product packaging.

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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