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› DGODRT 4K HDMI Switch 5 in 1 Out Instruction Manual

DGODRT HS501-U

DGODRT 4K HDMI Switch 5 in 1 Out Instruction Manual

Model: HS501-U

INTRODUCTION

The DGODRT 4K HDMI Switch 5 in 1 Out allows you to connect up to five HDMI source devices to a single HDMI display, such as an HD TV, monitor, or projector. This device simplifies your home theater or office setup by enabling easy switching between multiple input sources. It supports high-resolution video up to 4K@30Hz, HDR, 3D, and is compatible with various HDMI 1.4 devices.

PACKAGE CONTENTS

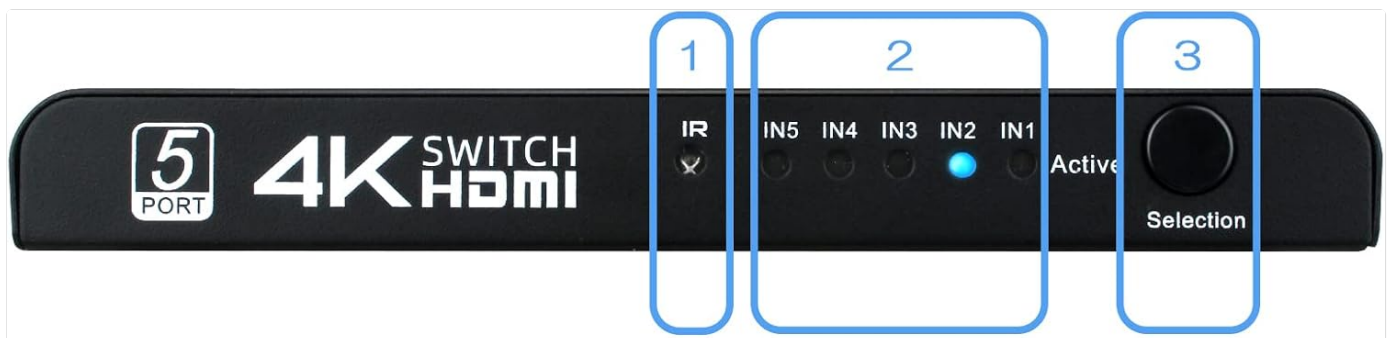
- 1x DGODRT 5 Port HDMI Switch 4K
- 1x IR Remote Control
- 1x Power Adapter (DC 5V)
- 1x User Manual



Image: Contents of the DGODRT 4K HDMI Switch package.

PRODUCT OVERVIEW

Familiarize yourself with the ports and indicators on your DGODRT 4K HDMI Switch.



- 1 IR Remote Control 2 HDMI Input Indicator 3 Switch Button



- 4 Power Input 5 HDMI Output Port 6 5 HDMI Input Ports

Image: Front and rear view of the HDMI switch with labeled components.

Component Descriptions

No.	Component	Description
1	IR Remote Control Receiver	Receives signals from the infrared remote control.
2	HDMI Input Indicators	LEDs illuminate to show which HDMI input is currently active.
3	Selection Button	Press to manually switch between HDMI input sources.
4	DC 5V Power Input	Connect the provided 5V power adapter here.
5	HDMI Output Port	Connect to your display device (TV, monitor, projector).
6	HDMI Input Ports (1-5)	Connect your HDMI source devices (PC, PS4, Xbox, Blu-ray player, etc.).

SETUP INSTRUCTIONS

Follow these steps to connect your DGODRT 4K HDMI Switch:

- 1. Connect HDMI Input Devices:** Use HDMI cables (not included) to connect up to five source devices (e.g., PC, PS4, Xbox, Blu-ray player) to the HDMI Input Ports (1-5) on the switch.
- 2. Connect HDMI Output Display:** Connect one end of an HDMI cable to the HDMI Output Port on the switch and the other end to the HDMI input of your display device (TV, monitor, or projector).

3. **Connect Power:** Plug the provided 5V power adapter into the DC 5V Power Input port on the switch, then plug the adapter into a power outlet. The switch will power on automatically.



Image: Example connection diagram for input devices and output display.

5 PORTS HDMI SWITCH

HDMI 1.4 HDCP IR Remote

Supports 4K @ 30Hz



NO DELAY



NO FLASH



NO LAG

Image: Illustration of 5 HDMI inputs consolidating to 1 HDMI output.

Your browser does not support the video tag.

Video: This official DGODRT video demonstrates the physical connection process for the 5-port HDMI switch, showing how to connect input devices and the output display, and power the unit.

OPERATING INSTRUCTIONS

The DGODRT 4K HDMI Switch offers multiple methods for switching between your connected devices:

Switching Methods:

- **Manual Switching:** Press the 'Selection' button on the front panel of the switch to cycle through the HDMI input sources. The corresponding LED indicator will light up for the active input.
- **IR Remote Control:** Use the included IR remote control to directly select the desired input source by pressing the corresponding number button (1-5). Ensure the remote is pointed towards the IR receiver on the switch.
- **Automatic Switching:** The switch supports intelligent automatic switching. When a new HDMI source device is powered on or becomes active, the switch will automatically detect and switch to that input. If the current active source is turned off, the switch will automatically search for the next active input.



Image: Remote control and button for switching inputs.



Image: Demonstrating button and remote control switching.

FEATURES

- **High Resolution Support:** Supports resolutions up to 4K (3840*2160)@30Hz, as well as 1080P and 720P.
- **Advanced Video Technologies:** Compatible with HDCP, HDR, and 3D video formats, ensuring a wide range of content can be displayed.

- **Extended Cable Length:** Supports HDMI input cables up to 5 meters (16.4ft) and output HDMI cables up to 25 meters (82ft) for flexible setup options.
- **Durable Construction:** Constructed with a sturdy metal casing, providing excellent heat dissipation and ensuring long-term reliability.
- **Broad Compatibility:** Works with a variety of HDMI source devices including PCs, PS3, PS4, Xbox consoles, HD players, and Blu-ray players.



Image: Illustrating 4K@30Hz resolution support.

SPECIFICATIONS

Specification	Value
Product Dimensions	6.97 x 2.64 x 0.83 inches
Item Weight	14.1 ounces
Model Number	HS501-U

Specification	Value
Color	Black
Connector Type	HDMI
Compatible Devices	Television, Laptop, Projector, PC, Game Consoles, Monitor
Supported Resolution	Up to 4K@30Hz (3840*2160)
Supported Standards	HDMI 1.4, HDCP, HDR, 3D, 1080P, 720P
Max Input Cable Length	5m (16.4ft)
Max Output Cable Length	25m (82ft)

TROUBLESHOOTING

- **No Signal/Black Screen:**
 - Ensure all HDMI cables are securely connected to both the source devices, the switch, and the display.
 - Verify the power adapter is correctly connected and the switch is receiving power.
 - Try pressing the 'Selection' button on the switch or using the remote to manually cycle through inputs.
 - Test with different HDMI cables, especially if using longer cables, as cable quality can affect signal integrity.
 - Ensure your display is set to the correct HDMI input channel.
- **Flickering/Intermittent Signal:**
 - Check cable connections for looseness.
 - Reduce the length of HDMI cables if possible, or use higher quality, certified HDMI cables.
 - Ensure the resolution and refresh rate of your source device are supported by both the switch and your display.
- **Remote Control Not Working:**
 - Ensure there are no obstructions between the remote and the IR receiver on the switch.
 - Check if the remote control's battery needs replacement.
 - Confirm the remote is pointed directly at the IR receiver.
- **Automatic Switching Not Functioning:**
 - Some devices may not fully power down their HDMI signal when turned off, preventing auto-switching. In such cases, manual switching is required.
 - Ensure the source device is fully powered on and outputting a signal.

MAINTENANCE

To ensure the longevity and optimal performance of your DGODRT 4K HDMI Switch:

- Keep the device in a cool, dry place, away from direct sunlight, heat sources, and moisture.
- Avoid placing heavy objects on top of the switch.
- Clean the device with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- Do not attempt to open or repair the device yourself, as this will void the warranty.

TECHNICAL SUPPORT

If you encounter any questions or issues regarding the product's use, please do not hesitate to contact DGODRT customer support. We are committed to assisting you in resolving any problems and ensuring a positive experience with our product.

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