

UGREEN 40234

UGREEN HDMI Switch 4K 3 Port User Manual

Model: 40234

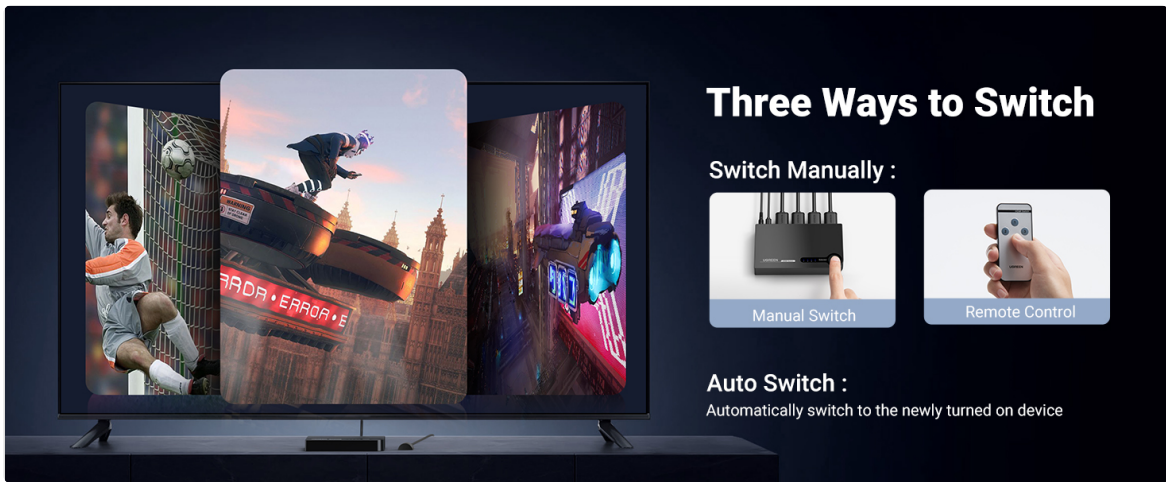
INTRODUCTION

The UGREEN HDMI Switch 4K 3 Port allows you to connect up to three HDMI source devices to a single HDMI display, such as a TV or projector. This device simplifies your home theater setup by eliminating the need to constantly swap HDMI cables between devices. It supports resolutions up to 4K@30Hz and 1080P@60Hz, including 1080P 3D video and HDCP 1.4. The switch offers flexible input selection via an IR remote control, a manual button on the device, and automatic switching functionality.

PACKAGE CONTENTS

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

- 1 x UGREEN HDMI Switch
- 1 x IR Remote Control
- 1 x Infrared (IR) Control Cable
- 1 x Micro USB Charging Cable
- 1 x User Manual



This diagram provides the physical dimensions of the UGREEN HDMI switch (127mm length, 76mm width, 18mm height) and illustrates the contents of the package: one Micro USB cable, one IR receiver with cable, and one remote control.

PRODUCT OVERVIEW

The UGREEN HDMI Switch features multiple ports for connecting your devices and controlling the input selection.



This detailed view highlights the various ports on the UGREEN HDMI switch. On the left, the HDMI Output connects to your display. To the right are three HDMI Input ports (Input 1, Input 2, Input 3) for your source devices. Further right are the DC-5V Micro USB port for power and the IR port for the external infrared receiver.

- **HDMI Output:** Connects to your display (TV, monitor, projector).
- **HDMI Input 1, 2, 3:** Connects to your HDMI source devices (e.g., PC, gaming console, Blu-ray player).
- **DC-5V (Micro USB):** Power input port. Connect the included Micro USB cable to a 5V USB power adapter (not included) or a USB port on your display.
- **IR:** Port for connecting the Infrared (IR) Control Cable.
- **Selected Button:** Manual button on the device to cycle through HDMI inputs.
- **LED Indicators:** Lights indicating which HDMI input is currently active.

SETUP INSTRUCTIONS

Follow these steps to set up your UGREEN HDMI Switch:

1. **Connect HDMI Source Devices:** Connect your HDMI source devices (e.g., PC, Xbox, PS4, Nintendo Switch, Blu-ray player) to the HDMI Input ports (1, 2, or 3) on the UGREEN HDMI switch using HDMI cables.
2. **Connect to Display:** Connect the HDMI Output port of the UGREEN HDMI switch to an HDMI input port on your display (TV, monitor, or projector) using an HDMI cable.
3. **Provide Power:** Connect the included Micro USB charging cable to the DC-5V port on the switch. Connect the other end of the Micro USB cable to a 5V USB power adapter (not included) or a powered USB port on your display. Proper power supply is crucial for stable operation.
4. **Connect IR Receiver:** Connect the Infrared (IR) Control Cable to the IR port on the switch. Position the IR receiver in a location where it has a clear line of sight to your remote control for optimal performance.



This image illustrates how to connect multiple HDMI source devices, such as gaming consoles, laptops, or streaming devices, to the UGREEN HDMI switch. The switch then consolidates these inputs into a single output for your television or display, simplifying cable management and input selection.



This image highlights the wide range of devices compatible with the UGREEN HDMI switch. It can accept input from laptops, PCs, Nintendo Switch, TV boxes, TV sticks, PS3/4/5, and output to HDTVs, monitors, projectors, and VR headsets.

OPERATING INSTRUCTIONS

The UGREEN HDMI Switch offers three methods for selecting your desired input source:

1. Manual Switching

Press the **"Selected"** button located on the front of the HDMI switch to cycle through the connected HDMI input sources (Input 1, Input 2, Input 3). The corresponding LED indicator will light up to show the active input.

2. Remote Control Switching

Use the provided IR remote control to directly select the desired HDMI input. Press the corresponding number button (1, 2, or 3) on the remote to switch to that input. Ensure the external IR receiver has a clear line of sight to the remote control.

3. Automatic Switching

The switch is designed to automatically detect and switch to a newly powered-on HDMI source. If the currently active source is turned off, the switch may automatically switch to the next available active source. This feature provides convenience by reducing the need for manual intervention.



This image demonstrates the two primary methods for switching inputs on the UGREEN HDMI switch. The top part shows a user operating the included IR remote control, while the bottom part shows a hand pressing the "Selected" button on the device itself for manual input selection.

MAINTENANCE

To ensure the longevity and optimal performance of your UGREEN HDMI Switch, please follow these maintenance guidelines:

- **Placement:** Keep the device in a dry, well-ventilated area, away from direct sunlight, heat sources, and moisture.
- **Temperature:** Avoid exposing the device to extreme temperatures.
- **Cleaning:** Clean the device with a soft, dry, lint-free cloth. Do not use liquid cleaners, aerosols, or solvents, as these may damage the finish or internal components.
- **Connections:** Periodically check that all HDMI and power cables are securely connected to prevent signal loss or intermittent issues.

- **Storage:** If storing the device for an extended period, disconnect all cables and store it in a cool, dry place.

TROUBLESHOOTING

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

- **No Signal or Flickering Image:**
 - Ensure all HDMI cables are securely connected to both the source devices, the switch, and the display.
 - Verify that the HDMI cables used are of good quality and support the desired resolution (e.g., 4K if you are using a 4K display and source). Low-quality or damaged cables can cause signal issues.
 - Confirm that the HDMI switch is properly powered via the Micro USB cable. Some source devices may not provide sufficient power over HDMI, making external power essential for stable operation.
 - Try connecting your source devices directly to the display to rule out issues with the HDMI cables or the source devices themselves.
 - Restart the source devices and the display.
- **Remote Control Not Responding:**
 - Ensure the Infrared (IR) Control Cable is securely connected to the IR port on the switch.
 - Position the IR receiver in a location where it has a clear, unobstructed line of sight to the remote control.
 - Check the battery in the remote control and replace it if necessary.
- **Automatic Switching is Inconsistent:**
 - Some source devices may not fully power down or may maintain a low-power HDMI signal, which can interfere with the automatic switching function.
 - If automatic switching is not working as expected, use the manual button on the switch or the IR remote control to select your desired input.

SPECIFICATIONS

Model Number	40234
Product Dimensions	1.95 x 1.16 x 0.28 inches
Item Weight	0.352 ounces
Supported Resolutions	Up to 4K@30Hz, 1080P@60Hz
3D Video Support	Yes

HDCP Support	HDCP 1.4
Data Transmission Rate	3.4Gbps per channel (10.2Gbps all channel)
Power Supply	Micro USB DC 5V (cable included, adapter not included)
Connector Type	HDMI, Micro USB
Brand	UGREEN
Compatible Devices	DVD Player, Desktops, Television, Xbox, PlayStation, Nintendo Switch, Blu-ray player, Roku, Fire Stick, PC, Laptop
Color	Black
Manufacturer	UGREEN GROUP LIMITED
Date First Available	November 7, 2014

WARRANTY AND SUPPORT

UGREEN provides lifetime friendly customer service for this product. For any support needs, warranty inquiries, or technical assistance, please contact UGREEN customer service through their official channels or the retailer where the product was purchased. Please retain your proof of purchase for warranty claims.