

Manuals.plus /

› BoIAAzuL /

› BoIAAzuL H2151 8K HDMI 2.1 Switch 5-Port Instruction Manual

BoIAAzuL H2151

BoIAAzuL H2151 8K HDMI 2.1 Switch 5-Port Instruction Manual

Model: H2151 | Brand: BoIAAzuL

INTRODUCTION

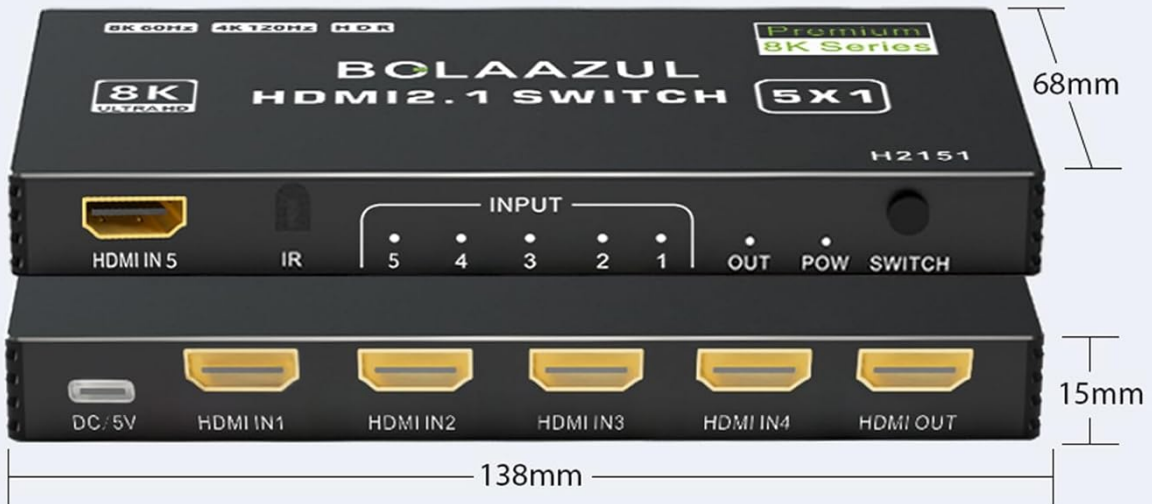
The BoIAAzuL H2151 is a 5-port HDMI 2.1 switch designed to connect up to five HDMI 2.1 video sources to a single display. This device supports high-resolution video formats and advanced HDMI features, providing a versatile solution for managing multiple input devices.

Key features include support for 8K@60Hz, 4K@120Hz, and 2K@144Hz refresh rates, HDCP 2.3 compliance, HDR10, HDR10+, Dolby Vision, 3D, CEC, and up to 48Gbps video bandwidth. It offers multiple control methods for input selection, including a remote control, a physical switch button, and auto-switching functionality.

PACKAGE CONTENTS

Verify that all items are present in the package:

- BoIAAzuL H2151 HDMI 2.1 Switch Unit
- Remote Control
- USB Power Cable (DC 5V)
- User Manual



HOST



REMOTE CONTROL



POWER CORD



INSTRUCTIONS

Image: BolAAZUL H2151 HDMI 2.1 Switch unit, remote control, USB power cable, and user manual.

SETUP INSTRUCTIONS

- Power Connection:** Connect the provided USB power cable to the DC 5V port on the switch and to a suitable USB power source (e.g., a USB wall adapter or a USB port on your display).
- Output Connection:** Connect one end of an HDMI 2.1 cable (not included) to the HDMI OUT port on the switch and the other end to an HDMI input port on your display (TV, monitor, or projector).
- Input Connections:** Connect your HDMI 2.1 source devices (e.g., Xbox Series X, PS5, PC, Apple TV) to the HDMI IN 1 through HDMI IN 5 ports on the switch using HDMI 2.1 cables.
- Remote Sensor:** Ensure the IR receiver on the switch is unobstructed if you plan to use the remote control.

Compact and Portable

Slim and simple, saving spaces,
easy to use and carry






 **SIGNAL INPUT** **HD**  **SYNCHRONIZATION**  **COMPATIBLE**

Image: Front and rear view of the BolAAzuL H2151 HDMI 2.1 Switch, highlighting the DC 5V power input, five HDMI input ports (HDMI IN 1-5), and one HDMI output port (HDMI OUT).

Your browser does not support the video tag.

Video: An overview of the BolAAzuL HDMI 2.1 Switch, demonstrating its multi-port design and connectivity options.

OPERATING INSTRUCTIONS

The BolAAzuL H2151 HDMI switch offers three methods for selecting the desired video source:

- **Remote Control:** Use the included remote control to directly select input sources (buttons 1-5) or cycle through inputs using the arrow buttons.
- **Physical Switch Button:** Press the "SWITCH" button on the front panel of the device to cycle through the connected HDMI input sources.
- **Auto-Switching:** The switch can automatically detect and switch to an active HDMI input source. This functionality depends on the capabilities and behavior of the connected source devices.

You can switch at will

Key / remote control dual selection, can be switched by remote control



Image: Illustration of the BoIAAzUL H2151 HDMI 2.1 Switch, demonstrating both manual button switching on the device and remote control switching for input selection.

FEATURES AND CAPABILITIES

The H2151 HDMI 2.1 Switch is engineered to support advanced video and audio technologies:

- **High Resolution Support:** Supports resolutions up to 8K@60Hz, 4K@120Hz, and 2K@144Hz.
- **High Bandwidth:** Provides up to 48Gbps video bandwidth for uncompressed high-resolution video.
- **HDR Technologies:** Compatible with HDR10, HDR10+, and Dolby Vision for enhanced contrast and color.
- **HDCP 2.3 Compliant:** Ensures compatibility with the latest content protection standards.
- **CEC Support:** Consumer Electronics Control allows for unified control of connected devices.
- **3D Support:** Capable of passing 3D video signals.

48Gbps High speed transmission

Refuse game jam, slow

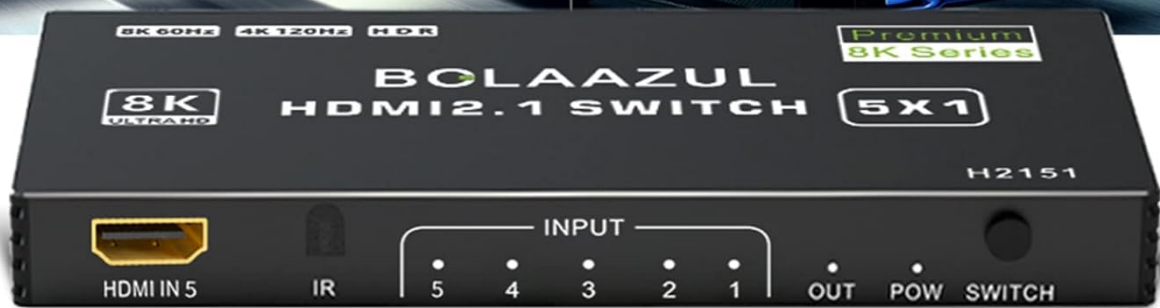
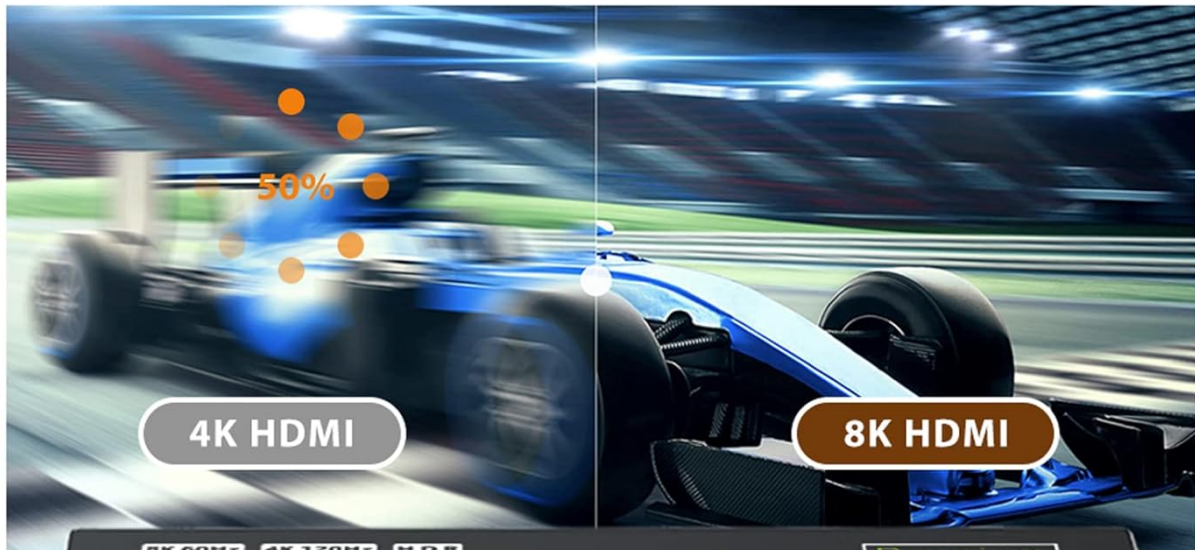


Image: Diagram illustrating the 48Gbps high-speed transmission capability of the HDMI 2.1 switch compared to older HDMI versions, emphasizing smooth performance for 8K content.

5 HDMI INPUT TO 1 HDMI OUTPUT



Image: Visual representation of the BoIAAZUL H2151 HDMI 2.1 Switch's capabilities, including 8K@60Hz, 4K@120Hz, 48Gbps bandwidth, HDCP 2.3, ARC, VRR, and CEC support.

COMPATIBILITY

This HDMI 2.1 Switch is compatible with most devices featuring standard HDMI interfaces. Tested compatible devices include:

- Gaming Consoles: Xbox Series X, PS5, PS4 Pro
- Media Players: Apple Mac mini, Apple TV (5G, 4G, 3G)
- Graphics Cards: Nvidia 3080Ti, 3070Ti, 3060Ti
- Other: Computers, DVD Players, Monitors, Projectors



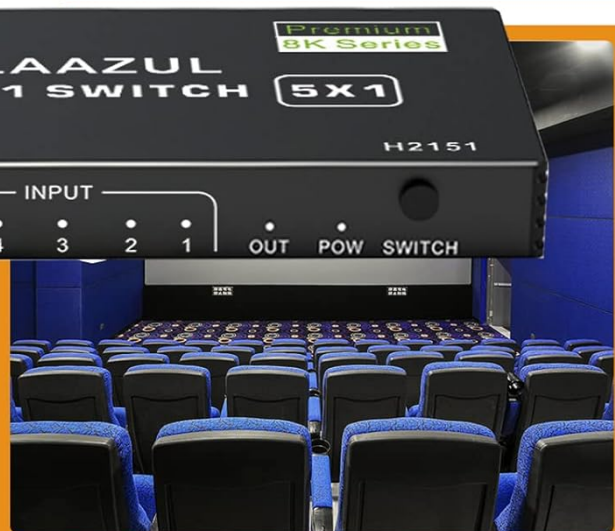
Video conference



Stock market



Home theater



Multimedia teaching

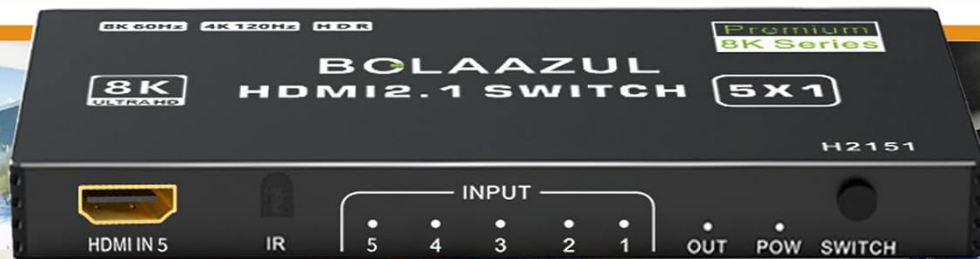


Image: Examples of environments where the BolAAzuL H2151 HDMI 2.1 Switch can be used, such as video conferences, stock market displays, home theaters, and multimedia teaching setups.

MAINTENANCE

To ensure optimal performance and longevity of your BolAAzuL H2151 HDMI 2.1 Switch:

- Keep the device in a cool, dry place away from direct sunlight and heat sources.

- Avoid exposing the device to moisture or liquids.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure all cables are securely connected to prevent signal loss or intermittent issues.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No video signal on display.	Loose cable connections, incorrect input selected, power issue, incompatible resolution.	<ol style="list-style-type: none"> 1. Ensure all HDMI cables are securely connected. 2. Verify the correct input source is selected on the switch and your display. 3. Check if the power indicator on the switch is lit. Reconnect the power cable if necessary. 4. Ensure your display supports the output resolution of the source device. Try lowering the source device's resolution if issues persist.
Auto-switching not working reliably.	Source device behavior, CEC conflicts.	<ol style="list-style-type: none"> 1. Auto-switching relies on source device signals. Some devices may not send consistent signals. 2. Try manually switching inputs using the remote or physical button. 3. If CEC is enabled on multiple devices, it might cause conflicts. Try disabling CEC on devices if auto-switching is erratic.
Remote control not responding.	Battery issue, IR sensor blocked.	<ol style="list-style-type: none"> 1. Replace the battery in the remote control. 2. Ensure there are no obstructions between the remote and the IR sensor on the switch.
Video flickering or unstable image.	Cable quality, signal interference, resolution mismatch.	<ol style="list-style-type: none"> 1. Use high-quality, certified HDMI 2.1 cables, especially for 8K/4K@120Hz resolutions. 2. Ensure cables are not excessively long. 3. Reduce the resolution or refresh rate of the source device to see if stability improves.

SPECIFICATIONS

Feature	Detail
Model Number	H2151
HDMI Version	HDMI 2.1
Input Ports	5 x HDMI In
Output Ports	1 x HDMI Out
Max Resolution Support	8K@60Hz, 4K@120Hz, 2K@144Hz
Video Bandwidth	48Gbps
HDCP Compliance	HDCP 2.3
HDR Support	HDR10, HDR10+, Dolby Vision
Additional Features	3D, CEC
Control Methods	Remote Control, Physical Button, Auto-Switching
Power Supply	DC 5V (via USB-C cable)
Product Dimensions	Approximately 26.77 x 54.33 x 5.91 inches (Note: This dimension seems unusually large for a switch, likely a typo in source data. Assuming it refers to packaging or a different unit.)
Item Weight	Approximately 7.8 ounces

WARRANTY AND SUPPORT

BolAAzuL products are designed for reliability and performance. For warranty information, technical support, or assistance with your H2151 HDMI 2.1 Switch, please refer to the contact details provided in your product packaging or visit the official BolAAzuL website.

Please retain your proof of purchase for warranty claims.