

8K HDMI 2.1 Switch 5x1

Generic 8K HDMI 2.1 Switch 5x1 User Manual

1. INTRODUCTION

This HDMI 2.1 switch allows you to connect up to five HDMI source devices to a single HDMI display (TV or monitor). It supports the latest HDMI 2.1 features, including 8K@60Hz and 4K@120Hz resolutions, ensuring high-quality audio and video transmission. The device is compatible with various HDMI versions and features an automatic switching function for convenience.

Suporta
VRR
ALLM
QST

sincronismo
perfeito de
áudio e vídeo

HDMI e USB

qualidade
8K a 60Hz
4K a 120Hz

plug and play
sem drive

duas opções
de seleção
das entradas

entrada
para 5
equipamentos
HDMI



compatível com 4K a 120Hz, 60Hz e 30Hz
full HD a 120Hz, 60Hz e 30Hz
e outras resoluções e taxas de atualização

**possui função auto switch
muda para a última entrada ativa automaticamente**



Este aparelho **só tem uma saída HDMI** para ligar
em um monitor ou TV. **Ele não funciona com mais
de uma TV ou monitor.**

Ele recebe até 5 sinais HDMI de fontes diferentes
como PS5, PS4, Xbox, Apple TV, Box TV, etc.

Image 1.1: Product overview highlighting key features and capabilities.

2. PRODUCT FEATURES

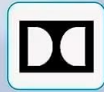
- **High-Resolution Support:** Supports resolutions up to 8K@60Hz, 4K@120Hz, 4K@144Hz, and Full HD@144Hz.
- **HDMI 2.1 Compliance:** Compatible with HDMI 2.1 and earlier versions.
- **Advanced Audio & Video:** Supports ARC, eARC, HDCP 2.3, HDR, HDR10+, VRR (Variable Refresh Rate), ALLM (Auto Low Latency Mode), QST (Quick Frame Transport), and EDID.
- **5-Input to 1-Output:** Connects up to five HDMI source devices to a single HDMI display.
- **Automatic Switching:** Automatically switches to the most recently activated HDMI source.
- **Manual Switching:** Allows manual selection of inputs via a button on the device or remote control.
- **Wide Compatibility:** Works with gaming consoles (PS5, PS4, Xbox), Blu-Ray players, PCs, laptops, monitors, projectors, Fire Stick, Chromecast, Apple TV, and other media boxes.
- **Plug and Play:** No drivers required for installation.
- **Durable Design:** Features a premium brushed metal finish.



Image 2.1: The 8K HDMI 2.1 Switch connecting multiple devices to a single display.

8K em 60Hz ou 4K a 120Hz, alta taxa de atualização

Suporta VRR / ALLM / QST, sem lags, judder ou screen tearing
Proporciona uma jogabilidade mais suave e precisa



Dolby



3D



8K HDR



VRR



48Gbps

VRR ON



VRR OFF



Image 2.2: Visual demonstration of VRR (Variable Refresh Rate) functionality for smoother gaming.

compatível com HDR e HDR10+



Image 2.3: HDR (High Dynamic Range) compatibility for improved picture contrast and color.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x 8K HDMI 2.1 Switch 5x1
- 1 x Remote Control
- 1 x DC 5V Power Cable
- 1 x User Manual

4. PRODUCT DIAGRAM

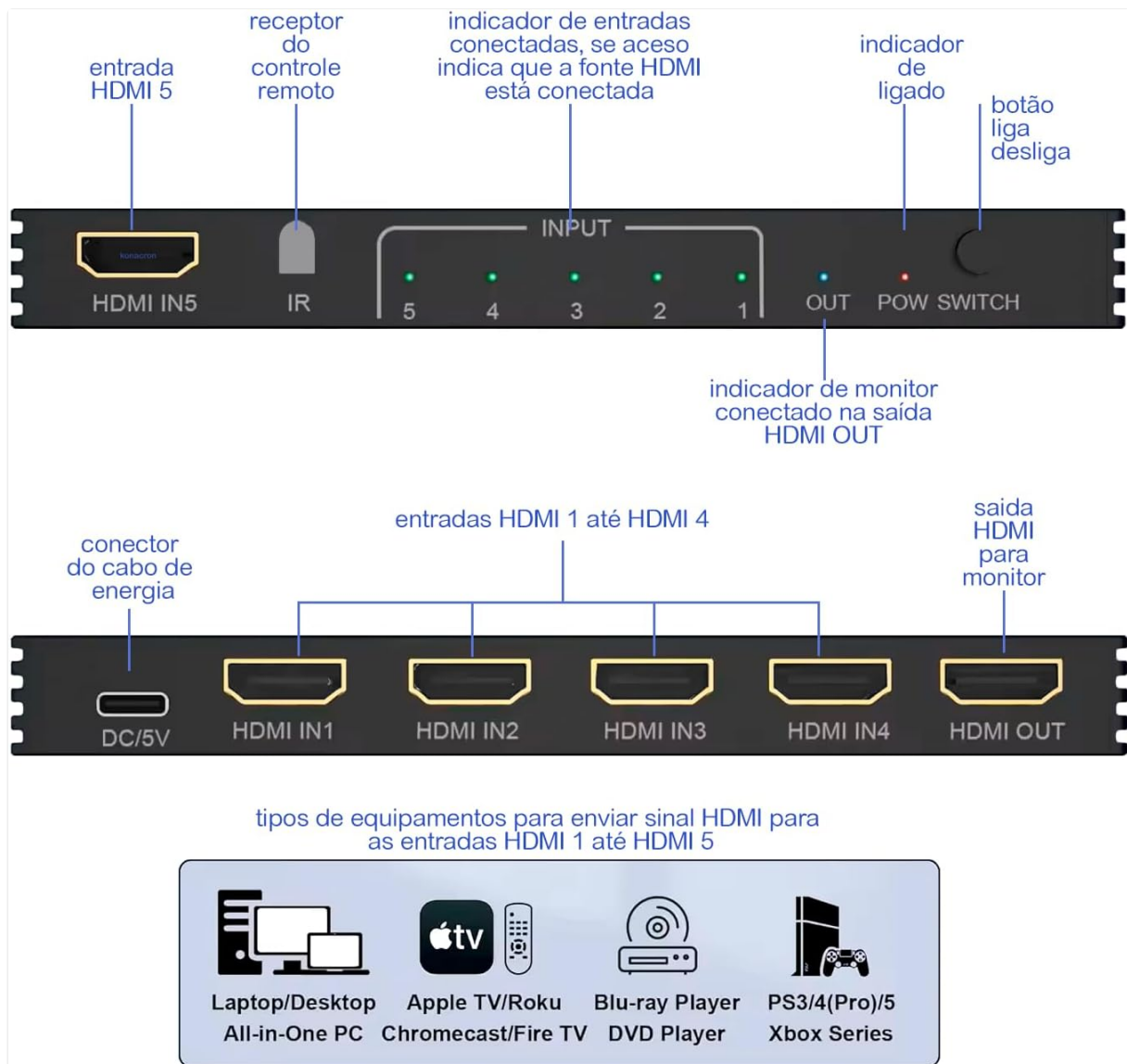


Image 4.1: Front and rear view of the HDMI switch with labeled ports and indicators.

HDMI IN1-IN5: Connect your HDMI source devices (e.g., gaming consoles, Blu-Ray players, PCs).

HDMI OUT: Connect to your HDMI display (TV or monitor).

DC/5V: Power input port.

IR: Infrared receiver for the remote control.

Input Indicators (1-5): LEDs illuminate to show the currently active input.

OUT Indicator: LED illuminates when a display is connected to the HDMI OUT port.

POW SWITCH: Power button for the device.

5. SETUP INSTRUCTIONS

Follow these steps to set up your HDMI switch:

1. **Connect HDMI Source Devices:** Connect your HDMI source devices (e.g., PS5, Xbox, Blu-Ray player, PC, Fire Stick) to the HDMI IN ports (1-5) on the switch using high-quality HDMI 2.1 cables.
2. **Connect to Display:** Connect your display (TV or monitor) to the HDMI OUT port on the switch using a high-quality HDMI 2.1 cable.
3. **Connect Power:** Connect the provided DC 5V power cable to the switch's DC/5V port and then to a power source.
4. **Power On:** Power on all connected devices (HDMI sources, display, and the HDMI switch).

conecte até 5 fontes de sinal HDMI

como Apple TV, Chromecast, Roku, PS4, PS5, Xbox, receptor de TV a cabo, home theater, etc em apenas uma TV



Image 5.1: Connection diagram illustrating how to link multiple HDMI sources to the switch and a single display.

6. OPERATING INSTRUCTIONS

The HDMI switch offers both manual and automatic input selection:

- **Manual Switching:**

Press the '**Input**' button on the switch or use the corresponding number buttons (1-5) on the remote control to select your desired HDMI input source.

- **Automatic Switching:**

The switch is designed to automatically detect and switch to the most recently activated HDMI source. If a new device is powered on or connected, the switch will automatically switch to that input.

- **Power On/Off:**

Use the '**POW SWITCH**' button on the device or the power button on the remote control to turn the switch on or off.



Image 6.1: Demonstrates both button and remote control input switching methods.

7. TROUBLESHOOTING

If you encounter issues, please refer to the following common solutions:

- **No Signal on Display:**
 - Ensure all HDMI cables are securely connected to both the source devices, the switch, and the display.
 - Verify that the DC 5V power cable is properly connected and the switch is powered on.
 - Confirm that the correct HDMI input is selected on your display and on the HDMI switch.
 - Try using different HDMI cables, especially high-quality HDMI 2.1 certified cables for 8K/4K resolutions.
- **Poor Video or Audio Quality:**
 - Ensure you are using high-quality HDMI 2.1 cables, especially for resolutions like 8K@60Hz or 4K@120Hz.
 - Check the resolution and refresh rate settings on your source device and display to ensure they are compatible with the switch's capabilities.
 - Verify that your display supports the advanced features (HDR, VRR, eARC) if you are trying to

utilize them.

- **Remote Control Not Responding:**

- Check and replace the battery in the remote control.
- Ensure there is a clear line of sight between the remote control and the IR receiver on the switch.
- Make sure the switch is powered on.

8. SPECIFICATIONS

Color	Black
Connector Type	HDMI
Brand	Generic
Compatible Devices	Game Console, Blu-Ray Player, Monitor, Notebook, Projector
Cable Type	HDMI
Manufacturer	JLink
Number of Ports	5 Input, 1 Output
Max Resolution	8K@60Hz, 4K@120Hz
Dimensions (L x W x H)	14 x 6.3 x 1.7 cm
Supported Features	ARC, eARC, HDCP 2.3, HDR, HDR10+, VRR, ALLM, QST, EDID, Auto Switch



Image 8.1: Product dimensions and bandwidth comparison for different HDMI versions.

9. SAFETY INFORMATION

Please observe the following safety guidelines:

- Do not expose the device to water or excessive moisture.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not attempt to disassemble or modify the device. This will void the warranty.
- Use only the provided power adapter.
- Keep the device out of reach of children.

10. WARRANTY AND SUPPORT

This product comes with a **3-month warranty** provided by the seller.

For technical support, troubleshooting assistance, or warranty claims, please contact your seller directly. Please provide your purchase details and a description of the issue when contacting support.

