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8K HDMI2.1 Switch 3 Port

USER MANUAL

Product Introduction

This is a high-performance 8K HDMI 2.1 three-in and one-out switcher, specially designed for users who pursue the ultimate audio-visual experience. The product supports 8K@60Hz, 4K@240Hz ultra high definition resolution, 48Gbps high bandwidth and HDCP2.3 protocol for lossless signal transmission, and is perfectly compatible with HDR, 12-bit color depth and Dolby surround sound (LPCM/DTS/DSD, etc.) for an immersive audio-visual experience. It is equipped with 3 HDMI input ports and 1 output port, supporting dual-mode switching between buttons and infrared remote control. It responds quickly and is easy to operate. It is made of aluminum shell and ABS material, with built-in static protection (±8KV). It has passed high-temperature (60°C), low-temperature (-20°C), plug and unplug, and ESD electromagnetic interference tests, and has excellent stability. It is widely compatible with Windows, Mac OS, Linux systems and various devices such as hosts, monitors and televisions, and is suitable for office work, e-sports, home theaters and multi-scenario audio-visual switching needs. Equipped with Type-C power supply as standard, featuring a low-power design (1.2W at full load), a 1-year warranty and lifetime maintenance, it is an ideal hub for high-quality audio-visual systems.

Packing List

8K HDMI switch 3 port	1
Power supply	1
Remote control	1
User manual	1

Product Features

- 8K@60Hz Ultra HD**
Supports 8K@60Hz, 4K@240Hz, and is compatible with high-end games, film and television, and professional Settings.
- 48Gbps ultra-fast bandwidth**
Ultra-high bandwidth ensures the ultra-fast transmission of 8K/4K signals, easily running through high frame rate content such as HDR and 12-bit color depth.
- Three-in and one-out ultra-fast switching**
Three HDMI inputs can be flexibly switched, allowing you to reach the target signal with just one click. You can control multiple devices for office and entertainment at will.
- Dual-mode intelligent control**
Dual switching between infrared remote control and panel buttons ensures rapid response and convenient, efficient operation.

Interface Description

Front Panel

Rear Panel

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Connection Diagram

Instructions

The product has an interface power-off memory function.

Panel Button Switching
Press the button to switch ports easily, switching HDMI input sources in an Incremental fashion (1->2->3->1), with signal indicators following the current signal channel.

IR Remote Switching
3 signal input sources correspond to remote control buttons 1-3.

Tips:
The remote control button that is not described is a non-functional button.
The illustrations of products and accessories in this manual are schematic diagrams. Due to product upgrades, the actual product may differ slightly from the schematic diagram. Please refer to the actual product.

Parameters

Input	HDMI female * 3
Output	HDMI female * 1
Resolution	8K@60/30Hz, 4K@240/165/144/120/60Hz, 2K@240/165/144/120/60Hz Downward compatibility
Color Space	RGB/YCbCr444/YCbCr422/YCbCr420
Bandwidth	48 Gbps
Cascade function	No
HDCP protocols	HDCP 2.3
HDMI version	HDMI 2.1
CEC function	Not support
EDID standard	EDID through transmission
Cable distance	8K≤6M, 4K/2K≤20M (15+5), 1080P≤30M
Suitable equipment (input)	Computer hosts, PS, disk drives, notebook, hard disk recorders and other HDMI devices
Suitable equipment (output)	Monitors, televisions and other devices that support HDMI input
Compatible System	Windows full series, Mac os, Linux and other systems
Hot plugging	Supports
Switching Method	Button switch, infrared remote control
Electrostatic protection	±8KV (contact discharge)

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