



18Gbps 2x2 HDMI Switcher w/ Audio Extractor



User Manual

VER 1.2

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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1. Introduction

This 18Gbps HDMI switcher can transmit two HDMI signals from two different sources to two different HDMI displays. Both input and output HDMI support video resolutions up to 4K60Hz. Digital and analog audio can also be extracted from HDMI output A.

2. Features

- ☆ 4K2K@50/60Hz (4:4:4) 18Gbps
- ☆ HDCP2.2 / HDCP1.x, DVI 1.0 compliant
- ☆ Digital and analog audio extract output from output A
- ☆ EDID can be selected with AUTO, COPY and STD mode via the selector on the front panel.
- ☆ Analog audio PCM 2.0
- ☆ Optical audio pass-through: LPCM 2.0/2.1CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6/DTS-HDMA 5.1, DTS HD-HRA 5.1.
- ☆ HDR function
- ☆ Flexible control via panel buttons and IR remote

3. Package Contents

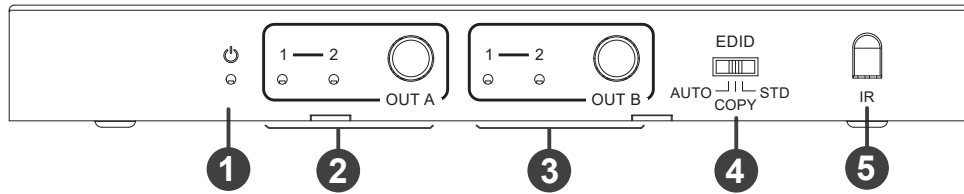
- 1× 2×2 HDMI Matrix Switcher
- 1× 5V/1A Power Adapter
- 1× Matrix IR Remote
- 1× User Manual

4. Specifications

| | |
|-------------------|---|
| Technical | |
| HDMI Compliance | HDMI 2.0 |
| HDCP Compliance | HDCP 2.2 and HDCP 1.x |
| Video Bandwidth | 18Gbps |
| Video Resolution | Up to 4K60Hz |
| ESD Protection | Human-body Model:±8kV (Air-gap discharge) , ±4kV (Contact discharge) |
| Color Space | RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0 |
| Color Depth | 8-bit, 10-bit, 12-bit |
| HDR | HDR,HDR 10+,HLD,DOLBY VISION |
| Audio Formats | HDMI: PCM2.0/5.1/7.1CH, Dolby 5.1, DTS5.1, Dolby-TrueHD, DTS-HD Optical: LPCM[2.0/2.1]CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS, 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1 L/R: PCM 2.0 |
| Technical | |
| Input Ports | 2 HDMI Type A, 1 IR Receiver Window |
| Output Ports | 2 HDMI Type A, 1 L/R 3.5mm Jack, 1 Optical OUT |
| Technical | |
| Housing | Metal Enclosure |
| Color | Black |
| Dimensions | 144mm(W)×59.5mm(D)×18mm(H) |
| Weight | 208g |
| Power Supply In | AC100~240V 50/60Hz |
| Power Supply Out | DC 5V/1A |
| Power Consumption | 2.7 watts |
| Operation Temp | 0°C ~ 40°C / 32°F ~ 104°F |
| Storage Temp | -20°C ~ 60°C / -4°F ~ 140°F |
| Relative Humidity | 20~90% RH (non-condensing) |

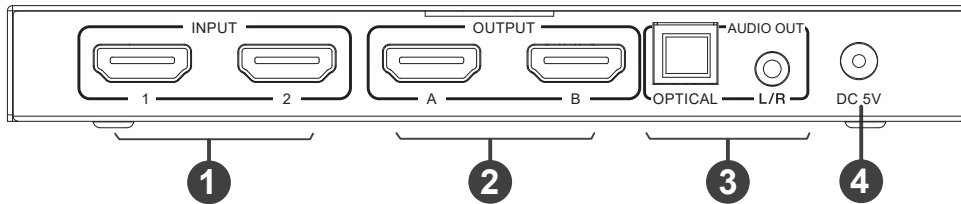
5. Operation and Controls

Front Side

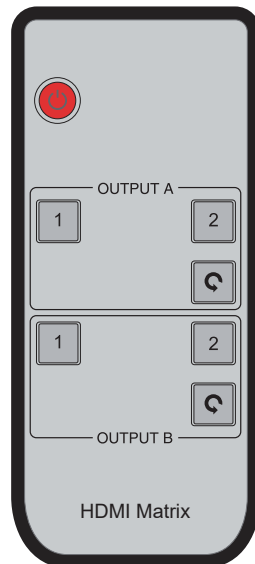


1. Power LED
2. Output A
3. Output B
4. EDID Auto/Copy/Std
5. IR receiver window

Back Side

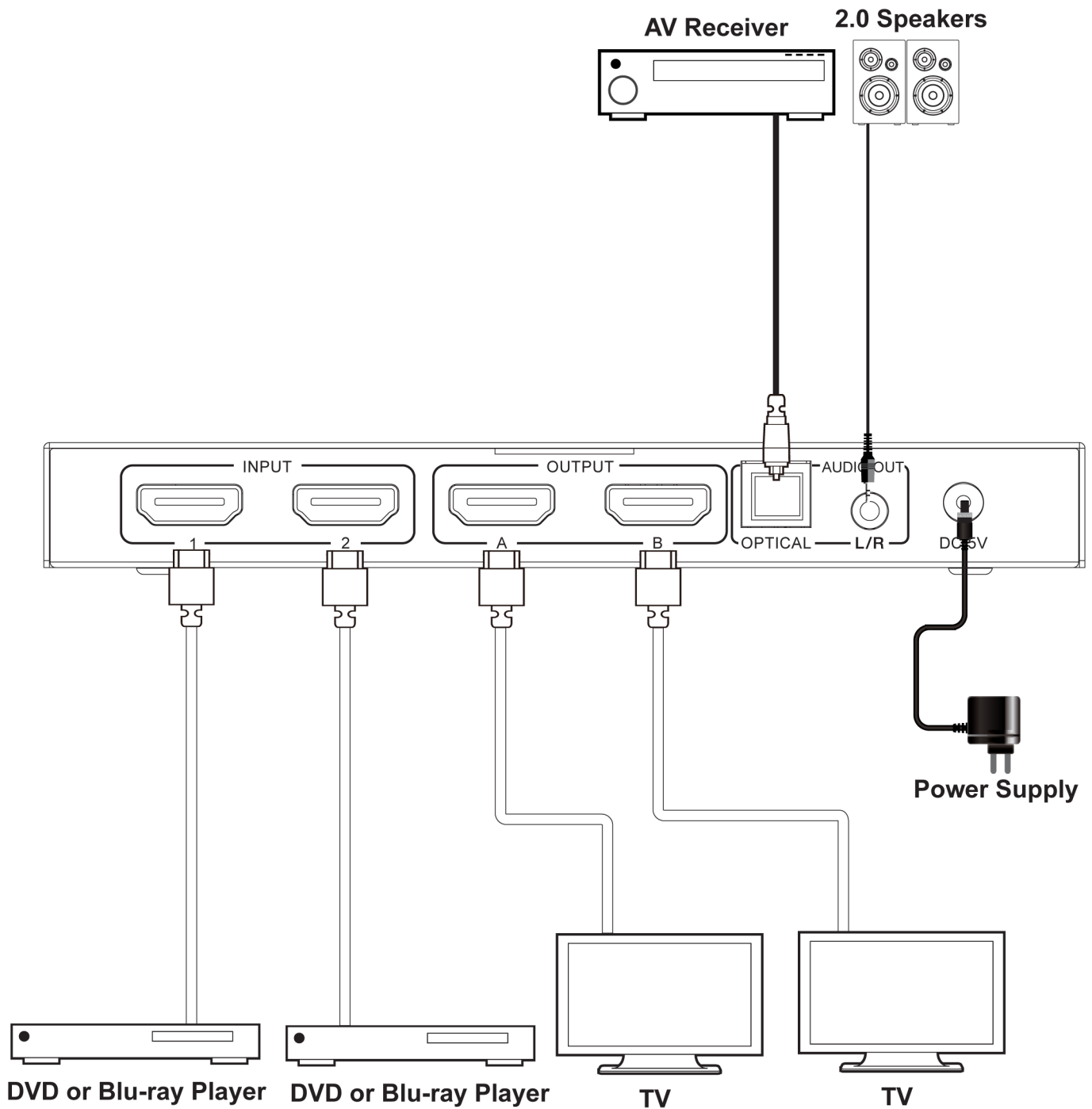


1. Input 1/2
2. Output A/B
3. Audio Out (Optical / L/R)
4. DC 5v



1. Output A (select input 1 or 2 source), (select circularly input 1 or input 2 source)
2. Output B (select input 1 or 2 source), (select circularly input 1 or input 2 source)

6. Application Example



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