

OZJ2

USER MANUAL

4x2 HDMI 2.0b Matrix Switcher 4Kx2K HDR&ARC



Fighting for The Dream

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

The 4x2 HDMI 2.0 Matrix Switcher simultaneously routes four HDMI sources to two HDMI displays. It supports up to 4kX2k @60Hz RGB 8:8:8 and HDCP 2.2. Output A supports audio de-embedding to optical and analog L/R outputs and ARC. 16 different EDID configurations can meet most of use cases. Flexible control through on-panel buttons, IR control.

2. Features

- ☆ HDMI2.0b, HDCP2.2/HDCP1.4 compliant.
- ☆ Up to 4kX2k @60Hz (RGB 8:8:8) on all HDMI ports.
- ☆ Supports pass-through audio up to 7.1 channels of High Definition audio (LPCM, Dolby TrueHD, and DTS-HD Master Audio).
- ☆ Out A audio de-embedding to optical and analog L/R out and ARC.
- ☆ Out B supports 4kX2k 60Hz
- ☆ HDR, Smart EDID management.
- ☆ Control is via on-panel Button and IR.

3. Package Contents

- ① 1x 4x2 HDMI Matrix Switcher
- ② 1 x 5V/2A Power Adaptor
- ③ 1 x User Manual
- ④ 1x HDMI Matrix IR Remote

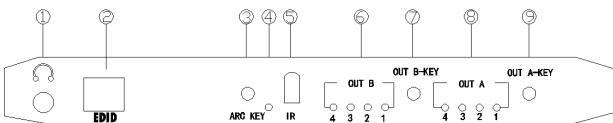
4. Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	4K2K@50/60Hz RGB 8:8:8 4K2K@30Hz.All HDMI 3D TV format
Color Space	RGB 8:8:8 YUV 4:4:4 YCbCr4:2:2
Color Depth	8-bit, 10-bit, 12-bit
HDMI Audio Formats	PCM2.0/5.1/7.1CH, Dolby 5.1, DTS5.1, Dolby-TrueHD, DTS-HD
Optical Audio Formats	LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1 CH, DTS 2/5.1CH
Coaxial Audio Formats	LPCM 2CH,LPCM 5.1,Dolby Digital 2/5.1 CH,DTS 2/5.1CH
L/R Audio Formats	Analog stereo 2CH
ESD Protection	Human-body Model: ±8kV(Air-gap discharge), ±4kV(Contact discharge)
Connections	
Inputs	4xHDMI Type A(19-pin female) 1xIR Receiver Window
Outputs	2xHDMI Type A(19-pin female) 1xL/R Audio out (3.5mm Stereo Mini-jack) 1xOptical out(S/PDIF) ARC 1XCoaxial
Mechanical	
Housing	Metal
Color	Black
Dimensions	176 mm(W)x64mm(D)x20 mm(H)
Weight	0.2 kg
Power Supply	Input: AC100~240V50/60Hz Output: DC5V/1A(US/EU standards , CE/FCC/UL certified)

Power Consumption	5.2W(max)
Operating Temperature	0 °C~40 °C/32 °F~ 104 °F
Storage Temperature	-20°C ~ 60 °C / -4T ~ 140°F
Relative Humidity	20-90% RH (non-condensing)

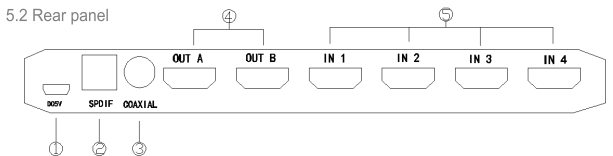
5. Operation Controls and Functions

5.1 Front panel

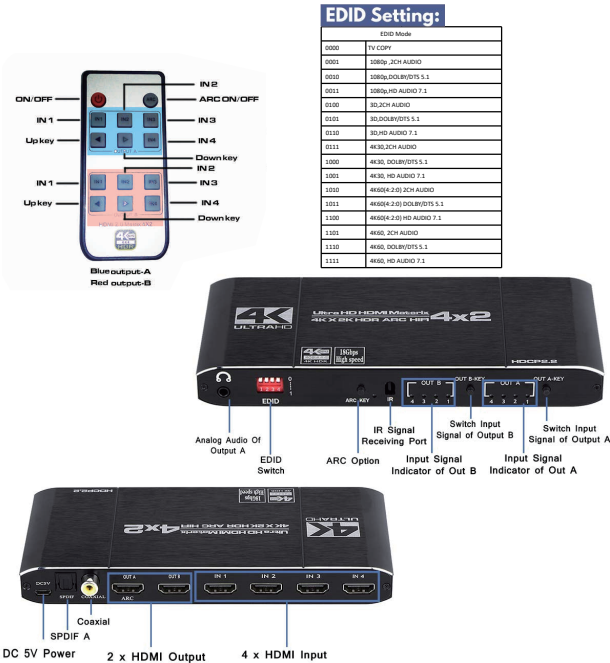
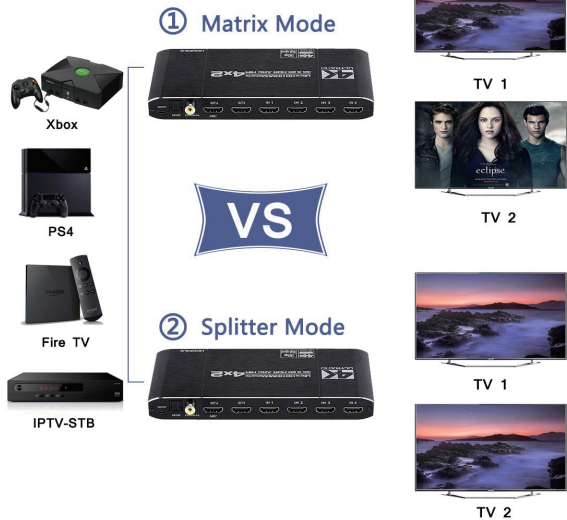


- 1、3.5 Jack output
- 2、EDID
- 3、ARC ON/OFF KEY
- 4、ARC LED
- 5、 Remote receiving
- 6、 OUT—B LED
- 7、 OUT-B Switcher key
- 8、 OUT—A LED
- 9、 OUT-A Switcher key

5.2 Rear panel



- 1、POWER DC 5V
- 2、SPDIF OUTPUT
- 3、COAXIAL OUTPUT
- 4、HDMI OUTPUT A-B
- 5、HDMI INPUT 1-2-3-4



4X2 ULTRA HD HDMI MATRIX



4K 60 Hz RGB: 8:8:8 HDCP2.2

※ HDMI audio splitter ARC working requirements

1 The HDMI ARC output port of the product must be connected to the HDMI ARC input port of the display device (Like TV, projector) and please ensure that HDMI ARC is turned on successfully. (Note that there is no sound from the display device (TV or projector) after the normal connection is started, and the remote control cannot adjust the sound level)

2 ARC must be set to PASS before the audio channel is turned on. If you want to get 5.1 audio, please set to 5.1 channel. If there is no audio output, it means that the ARC of the display device (TV or projector) does not support 5.1 audio output.

※ How to Get the 5.1ch Audio

When you used the HDMI Audio Extract Function and Can not get 5.1CH Audio First, Switch the Audio Output Format to 5.1ch mode or Pass Mode by the 2.1ch/5.1ch/Pass mode Switch on the product.

If you set at 5.1ch mode or pass mode also get no audio, Please check your HDMI input source and set it at right audio input format.

