

OZJ2

# USER MANUAL

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

Fighting for 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 YCbCr 4:4:4 and HDCP 2.2. Output A supports audio de-embedding to optical and analog L/R outputs and ARC Output B can support 4K to 1080P downscale function automatically if source is 4K but TV only supports up to 1080P. 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 (4:4:4) 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 4K to 1080P downscale automatically.
- ☆ HDR, Smart EDID management.
- ☆ Control is via on-panel Button and IR.

### 3. Package Contents

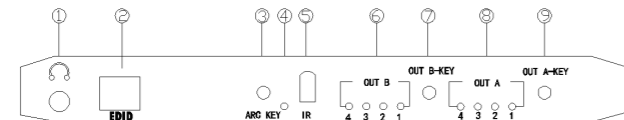
- ① 1x 4x2 HDMI Matrix Switcher
- ② 1 x 5V/2A Power Adaptor
- ③ 1 x User Manual
- ④ 1x HDMI Matrix IR Remote

### 4. Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	4K2K@50/60Hz(YUV4:4:4), 4K2K@30Hz,All HDMI 3D TV format
Color Space	RGB, YCbCr4:4:4,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
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
Mechanical	
Housing	Metal
Color	Black
Dimensions	170mm(W)x78mm(D)x20mm(H)
Weight	0.25kg
Power Supply	Input: AC100-240V/50/60Hz Output: DCSV/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)

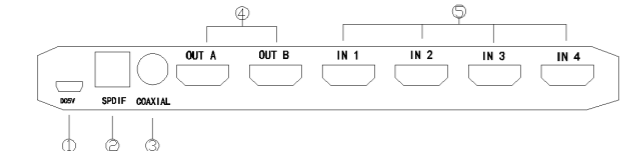
### 5. Operation Controls and Functions

#### 5.1 Front panel



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

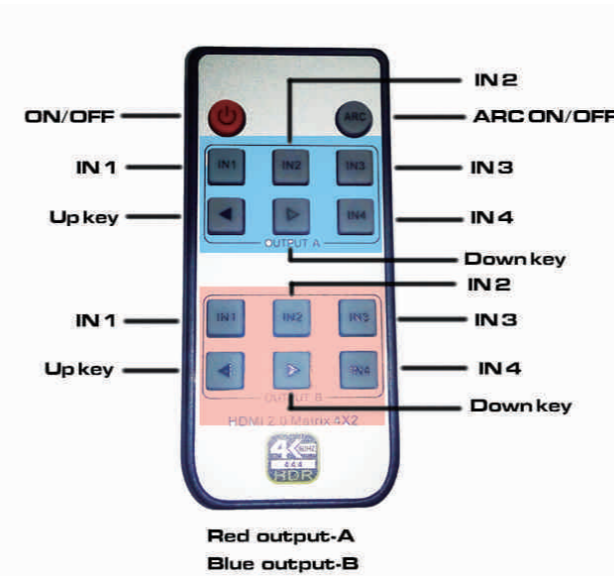
#### 5.2 Rear panel



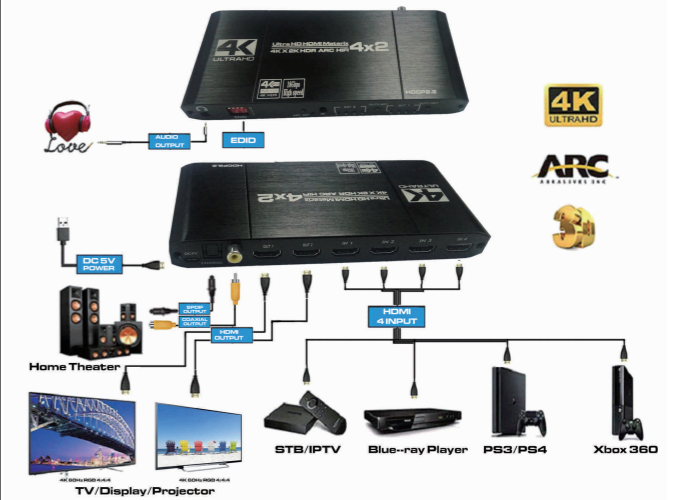
- 1、 POWER DC 5V
- 2、 SPDIF OUTPUT
- 3、 COAXIAL OUTPUT
- 4、 HDMI OUTPUT A-B
- 5、 HDMI INPUT 1-2-3-4

### EDID

EDID Made	
0000	Auto Copy
0010	1080P 2.0CH
0100	1080P 5.1CH
0110	3D
1000	4K30HZ 2.0CH
1010	4K30HZ 5.1CH
1100	4K60HZ 2.0CH
1110	4K60HZ 5.1CH



### 4X2 ULTRA HD HDMI MATRIX



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