

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.

## I. Introduction

# HDMI 1.4 Matrix 6×2

The HDMI matrix 6×2 can select upstream which source HDMI signal from any of its six sources to be routed to and displayed on any of its two connected HDMI displays simultaneously.

It supports 3D, 3Gbps bandwidth, 12-bit Deep Color, Hi-Cat hardware scaler and other features defined by HDMI specifications. The management of source link resources can be operated easily through on-panel buttons, IR remote control.

## II. Features

# User manual

Compliant with HDMI 1.4, CEC, HDCP 1.2

HDMI 1.4 support Audio Return Channel (ARC), 3D TV support, CEC 1.3

Support 3D Video & 4K x2K, 4, 10, 12 & 16 bits per color depth

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## **I. Introduction**

The HDMI matrix 6\*2 with 4Kx2K supported which allows HDMI signal from any of its six sources to be routed to and displayed on any of its two connected HDMI displays simultaneously. It supports 3D, 3Gbps bandwidth, 12-bit Deep Color, Hi-Def lossless audio and other features defined by HDMI specifications. The management of source/ sink scenarios can be operated easily through on-panel buttons, IR remote control.

## **II. Features**

Compliant with HDMI 1.4a, CTS 1.4a, DVI 1.0.

HDMI 1.4 support: Audio Return Channel (ARC), 3D TV support, CEC1.4.

Support 3D Video & 4Kx2K, 8, 10, 12 & 16 bits per color depth.

Support MHL input, Share your smart phone photos, music and movies on the TV.

Support PIP display function.

Audio support: HDMI 1.4 compatible audio interface Dolby TrueHD DTS-HD Master Audio

7.1CH

Full audio input and output support

### III. Package

HDMI 1.4 Matrix 6\*2-----1PCS

5V DC Power Supply Adapter-----1PCS

Remote control-----1PCS

Operation Manual -----1PCS

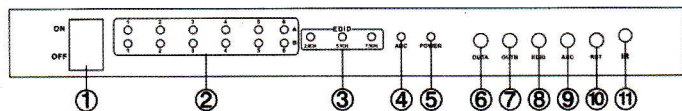
MHL to HDMI Cable (optional)

### IV. Specifications

|                        |  |
|------------------------|--|
| Frequency Bandwidth    | 2.97Gbps   |
| Input Ports            | 6 x HDMI Female.   |
| Output port            | 2 x HDMI Female; 1x Toslink, 1x Earphone   |
| HDMI Audio Output      | PCM2, 5.1, 7.1CH, Dolby 5.1, DTS5.1; D-TrueHD, DTS-HD  |
| Power Supply           | 5V/1A DC (US/EU standards, CE/FCC/UL certified)  |
| ESD Protection         | Human Body Model: $\pm 8\text{kV}$ (air-gap discharge)<br>$\pm 4\text{kV}$ (contact discharge) |
| Dimensions (mm)        | 250(D) x 110 (W) x 26(H)   |
| Weight (g)             | 720  |
| Power Consumption(max) | 5W   |
| Operating Temperature  | 0°C ~ 40°C / 32°F ~ 104°F  |
| Storage Temperature    | -20°C ~ 60°C / -4°F ~ 140°F  |

## V. Operation controls and Functions

### Front Panel



ON/OFF: Power on/off switch.

Input LED: These red LED illuminate when the output select to the corresponding input.

Audio EDID LED: These red LED illuminate when the audio EDID select to corresponding audio.

ARC LED: This red LED illuminate when the ARC function open.

POWER LED: This red LED illuminate when the device is connected with power supply.

OUTA: Press this button to select the input source to HDMI OUT A.

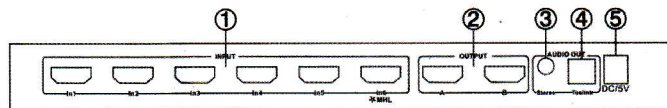
OUTB: Press this button to select the input source to HDMI OUT B.

EDID: Press this button to select the 2.0CH,5.1CH,7.1CH audio output mode.

ARC: Press this button to open or close the ARC function.

RST: Press this button the matrix will reset to factory state(INPUT1, 2.0CH AUDIO MODE,ARC function closed)

### Rear Panel



Input Source: These slot is where you connect the HDMI source output from DVD, PS3.

HDMI OUT: This slot is where you connect the HDTV or monitor with HDMI cable.

Toslink OUT: This slot is where you connect to the amplifier with optical fiber cable.

Stereo OUT: This slot is where you connect to the speaker with 3.5mm earphone cable.

DC IN: Plug the 5V DC power supply into the unit and connect the adapter to AC wall outlet.

**Attention:**

1. The Toslink and Stereo audio follow the OUT A HDMI audio.
2. The In6 support MHL input only,use MHL to HDMI Cable to connect smart phone and matrix.

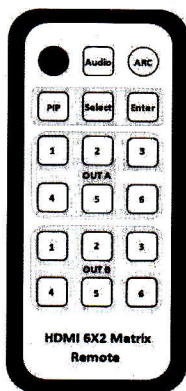
**Remote control**

**STANDBY:** Press this button will standby or power on the matrix.

**Audio EDID:** Press this button will Select the audio output mode (2.0CH,5.1CH,7.1CH), and the LED will indicate the corresponding state .

**ARC:** Press this button will Open or close the ARC function, and the LED will indicate the corresponding state.

**PIP:** Press this button will Open or close the PIP function.When open PIP function,the OUTA and OUTB will switch to the same input source.



**Select:** Press this button will select the PIP source.

**Enter:** Press this button will confirm the select PIP source.

**OUTA:** Press these button will fast switch to select input source to HDMI OUTA. and the LED will indicate the corresponding input source.

**OUTB:** Press these button will fast switch to select input source to HDMI OUTB. and the LED will indicate the corresponding input source.

**ARC function:** If you need use ARC, your HDTV must support this function, When you open the ARC function, the Toslink of the Matrix will output the HDTV current display content audio. Otherwise will output the Matrix input source audio.

VI. Application Example

