



HDMI 1.4 Matrix 6x2

Part Number: 6x2-hdmi-matrix-switcher

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User manual

Thank you for purchasing this product from HDTV Supply, Inc.. 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

The HDMI matrix 6x2 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-----1PC

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

Remote control-----1PC

Operation Manual -----1PC

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) $\pm 4\text{kV}$ (contact discharge)
Dimensions (mm)	250(D) x110 (W) x 26(H)
Weight (g)	720

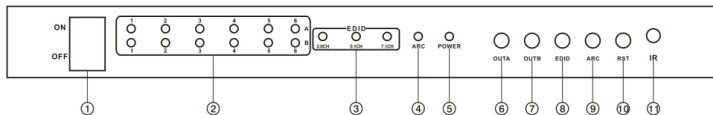
Power Consumption(max) 5W

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.

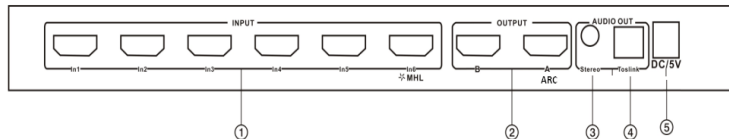
OUTB: Press this button to select the input source to HDMI OUT B.

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 slots are 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.

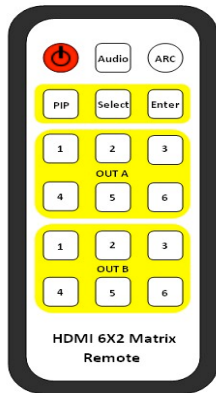
DC IN: Plug the 5V DC power supply into the unit and connect the adapter to AC wall outlet.

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. The PIP function can only work when OUTA and OUTB select 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

