HDMI 1.4 4by1 Swticher

User manual

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

This is a high performance 4x HDMI input and 1x HDMI output switcher with digital/analog audio outputs. It supports HDCP repeater functions and fast switching between any of the Four HDMI ports. The system supports all 3D TV formats in addition to all HDTV formats up to 4Kx2K. Furthermore, the remote control gives uses complete control over the selection of sources and makes the device incredibly user friendly.

II. Features

Support multiplexed HDMI 4-input.

Compliant with HDMI 1.4a, CTS 1.4a, DVI 1.0 & VESA DisplayPort 1.1a standards.

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

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HDCP repeater support.

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

Audio support:

HDMI 1.4 compatible audio interface

Dedicated, flexible audio input/output port

Dolby TrueHD

DTS-HD Master Audio 7.1CH

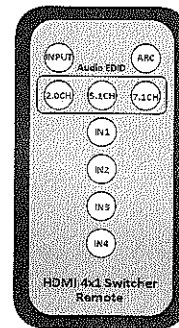Full audio input and output support

III. Package

HDMI 1.4 4by1 Switcher

5V1A   DC Power Supply Adaptor

Remote control

Operation Manual

VII. Remote control

Input: Press this button will cycle switch the input source and the LED will indicate the corresponding input source.

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

Audio EDID: Press this button will Select the audio output mode, and the LED will indicate the corresponding state .
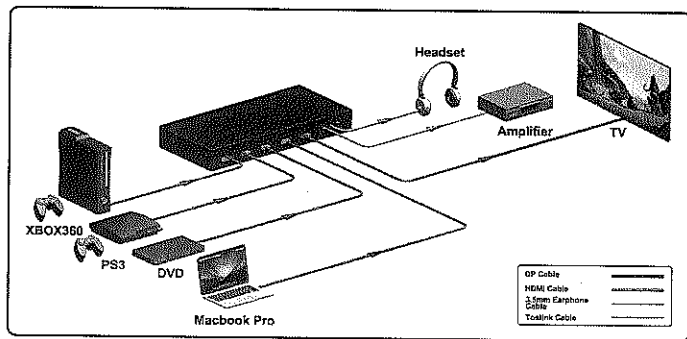
IN1,IN2,IN3,IN4: Press these button will fast switch to select input source.

ARC fuciton : If you need use ARC,your HDTV must support this fuction, When you open the ARC fuciton,the Toslink and Earphone of the Switcher will output the HDTV current display content audio. Otherwise will output the switcher input source audio.

AUDIO 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 adaptor to AC wall outlet.
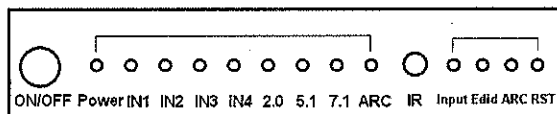
VI. Application Example

IV. Specifications

Frequency Bandwidth	2.97Gbps
Input Ports	4 x HDMI Female ports.
Output port	1 x HDMI Female port,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: ± 8kV (air-gap discharge)
	± 4kV (contact discharge)
Dimensions (mm)	190(D) x82 (W) x 26(H)
Weight (g)	430
Power Consumption	3W
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F

V. Operation controls and Fuctions

Front Panel

ON/OFF: Power on/off switch.

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

IN1,2,3,4 LED: These red LED illuminate when the output select to the corresponding input.

2.0,5.1,7.1 LED: These red LED illuminate when the audio EDID select to corresponding audio.

ARC LED: This red LED illuminate when the ARC fuction open.
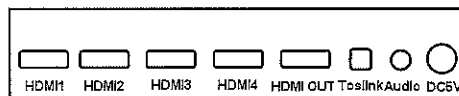
IR : Remote control receiver.

Input BUTTON:Press this button to select the input source.

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

ARC BUTTON: Press this button to open or close the ARC fuction.

RST BUTTON: Press this button the switcher will reset to factory state(INPUT1, 2.0CH AUDIO MODE,ARC FUCTION CLOSED)

Rear Panel

Input Source: These slot is where you connect the HDMI Port source output from DVD, PS3,Set-top Box and Note Book.

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

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