



CS-HDM4X1ASW4

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HDMI™ 4x1 Switcher Support 4K@60Hz with Extract Audio and Audio Return Channel

Dear customer

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.

1.0 Introduction

The 4 port HDMI™ 4K switch lets you share a display with four HDMI™-enabled A/V devices. The switch features four independent inputs that each support 4K resolution and 7.1 surround sound audio. You'll be amazed at how this video switch maintains Ultra HD picture quality. 4K is supported by the latest A/V devices and delivers four times the resolution of 1080p. Plus, because the switch is backward compatible with high-definition 1080p, you can assure any video source will look great in your digital signage application.

Also, the audio embedded in HDMI™ can be extracted via Toslink or Coaxial and the switch can return the audio to AV receivers with audio return channel (ARC) function.

2.0 Feature

- * Support manual control and remote control
- * Enables the most recently activated video source to be displayed automatically
- * Support digital audio output simultaneously: Stereo, Toslink and Coaxial
- * Support resolution up to 4K@60Hz
- * Support 600MHz/6Gbps per channel (18Gbps all channels) bandwidth
- * Support 12bit per channel (36bit all channels) deep color
- * Support HDCP2.2
- * Support uncompressed audio such as LPCM 7.1
- * Support compressed audio such as DTS, Dolby Digital (including DTS-HD Master Audio™ and Dolby TrueHD)
- * Support Audio Return Channel

Note: Dolby is a trademark of Dolby Laboratories.

3.0 Specification

Input DDC Signal	5 volts p-p (TTL)
Output Video	HDMI Signal
Output S/PDIF Signal	Toslink and Coaxial
Video Amplifier Bandwidth	6Gbps/600MHz
Vertical Frequency Range	50/60Hz
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p,4K@60Hz
Limited Warranty	1 Year Parts and Labor
Operating Temperature	0°C to 70°C / 32°F to 158°F
Operating Humidity	10% to 85 % RH (no condensation)
Storage Humidity	5% to 90 % RH (no condensation)
Extend Power Supply	5V DC
Power Consumption (Max)	5W
Switch Unit Cert	FCC.CE, RoHS
Power Supply Cert	CE,FCC, RoHS
User Manual	English Version

Note: Specification is subject to change without notice.

4.0 Package Content

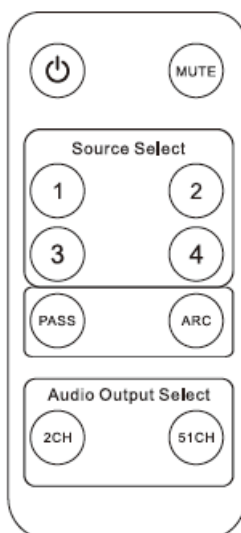
- 1) Main Unit
- 2) 5V DC Power Supply
- 3) User Manual
- 4) Remote Control

5.0 Panel Description

*Switch Panel:



*Remote Control



- 1, 2, 3, 4: Press the number 1, 2, 3, 4 buttons to select the wanted input channel
- 2CH: 2 channel stereo audio mode
- 5.1CH: 5.1 channel mode

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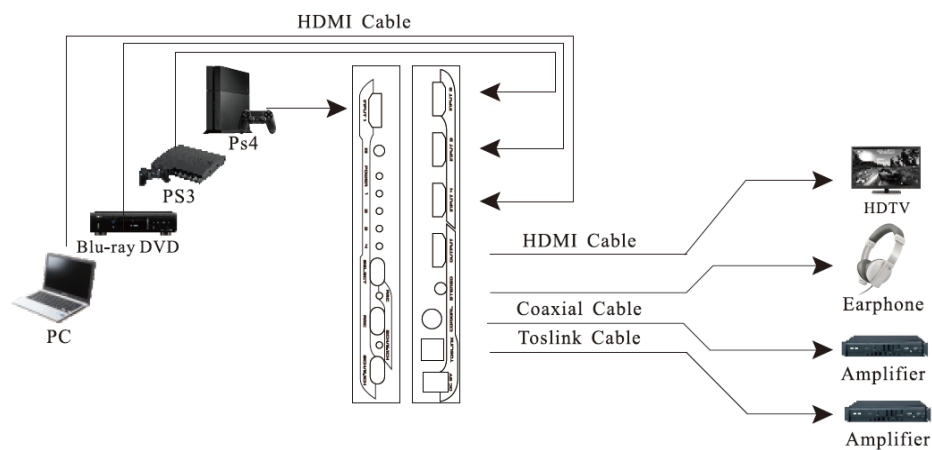
4. PASS: Advanced Audio mode
5. ARC: Press the button to turn on/off ARC function
6. MUTE: Press the button to turn on/off Stereo, Toslink and Coaxial audio

6.0 Connection and Operation

- 1) Connect the HDMI sources to the unit
- 2) Insert the DC connector of 5V power supply into the unit and then connect the AC connector of the power supply into the wall outlet
- 3) Connect the output port of the switcher to HDMI-enabled display
- 4) Connect Coaxial/Toslink to any A/V receivers using coaxial cable or optical fiber or connect Stereo audio with earphone

Attention: Insert / Extract cable gently

6.1 Connection Diagram



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