U S E R   M A N U A L

HDMI 2.0 Switch 2x1+Audio Extractor

Enjoy the vivid world!

INTRODUCTION

The device is one 2 Port HDMI2.0 Audio Extractor with support of ARC,3D and HDR, 4KX2K@60Hz at YUV4:4:4,which can switch easily two UHD Sources to one UHD Display. Also any of the input sources support the audio extract by the SPDIF and L/R audio output channel. The Switcher supports ARC function that can do TV audio return back to the AV receiver.

Features :
1. Two HDMI input signals switched to a single HDMI sink devices
2. Any input HD Source can do audio extract by the SPDIF or L/R audio output port.
3. Support HDR
4. Support 4K*2K @60Hz resolution
5. Video Format Support: 4Kx2K/60Hz 8Bit YcbCr4:4:4;
6. Supports ARC ,TV audio will return and out by the Optical Port;
7. HDMI to achieve the synchronization of audio signal separation. Support 2.0/ 5.1/ PASS three kinds of audio mode options
8. Support SPDIF digital audio format: Dolby digital (AC3), DTS and LPCM2.0
9. LED indication: when source or sink is working, LED related will go bright.
10. LED Status Light allows the user to know the working status easily.
11. No loss of quality
12. Need DC5V/1A power supply

Specification

HDMI resolution…….…………………..……………4KX2K/1080p/1080i/720p/576p/576i/480p/480i

Support video color format ……….…………………..…………………24bit/deep color 30bit,36bit

Audio output……..………….…………….…..……………………..….……..….. L/R+SPDIF

Max transmission bandwidth……….…….…..……………………….………..……….… 600MHz

Max baud rate……….……….…………….…….………….……..……………………...…………18Gbps

Input/Output TMDS signal …………………….…………….……………… 0.5~1.5Volts p-p

Input/Output DDC signal ………….…………………….…..……………..……… 5Volts p-p (TTL)

Input cable distance…….……..………….…..…………… …..≤10m AWG24 HDMI standard cable

Output cable distance……..…………….…...……………...≤15m AWG24 HDMI standard cable

Max working current……….………….……..…………….……………………….……………500mA

Power adapter format……..………….……….……….……………….……..……..DC5V/1A

Operating Temperature range………..………….……..………………………… (-10 to +55℃)

Storage Temperature range……………………….…..………….……………… -20 to +60℃

Operating Humidity range…..………………..……………10 to 90%RH (No Condensation)

Storage Humidity range………..……………….…..……………5 to 95%RH (No Condensation)

Dimension (L x W x H) ……..…………..……………….…..…………95*53*22(mm)

Weight…..…………..………….………………………….….……………………150g

Product Diagram:
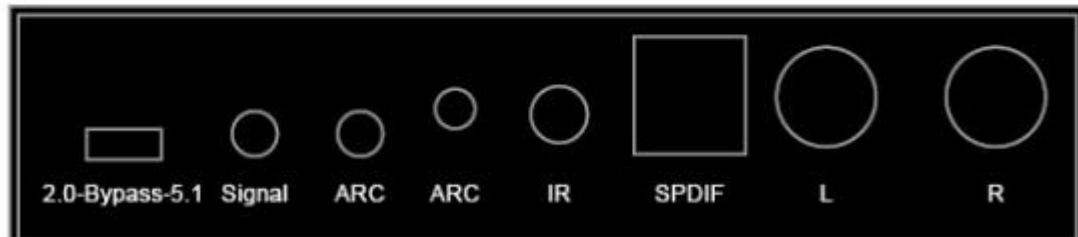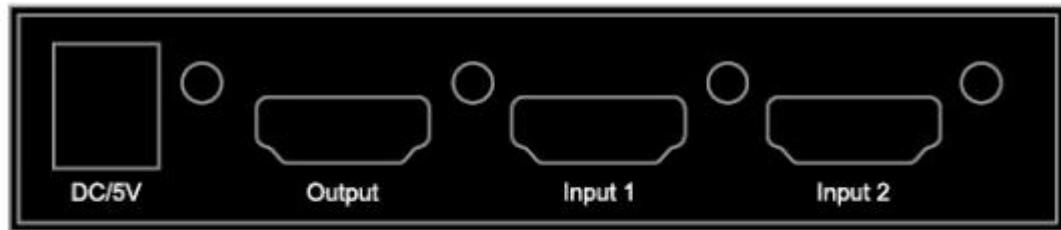
1. DC/5V--DC5V power input
2. Output ---HDMI output
3. Input 1--HDMI input 1
4. Input 2--HDMI input 2
5. 2.0-Bypass-5.1--2.0CH/PASS/5.1CH Audio Switch
6. Signal --HDMI input switch
7. ARC -- ARC switch
8. ARC -- ARC signal indicator
9. IR-- IR receiver
10. SPDIF -- SPDIF audio output
11-12. L/R-- L/R audio output

Package include :

1. HDMI 2x1 switch audio extractor   x1
2. 5V/ 1A power adapter   x1
3. Remote control   x1
4.User manual   x1