

User Manual

HDMI Splitter 2x4

Introduction

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.

Our series of converters, switchers, extenders, matrixes and splitters are designed to make your A/V device use more convenient, more comfortable, more productive and more cost-efficient.

The 2x4 HDMI Splitter can connect two HD Sources with Four HD Displays, which can easily distribute any input of the two HD Sources to the four HD Displays simultaneously and do audio extract by one Toslink port and One LR Port. It supports 4K, ARC, Audio and Video EDID Mode Option. It can help users to connect and use the home entertainment more efficiently and more easily.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

INTRODUCITON

Feature:

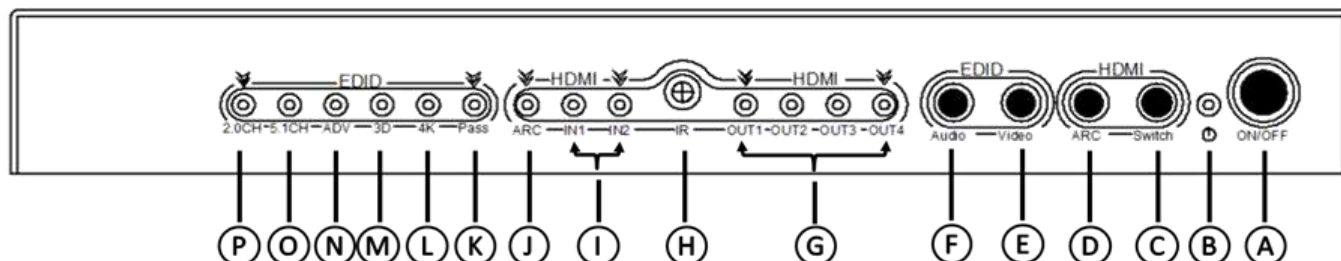
- Two HDMI input signal split to four HDMI sink devices
- Support 4K full HD signal input and output
- Support analog stereo audio and digital audio(SPDIF/Toslink) output
- Digital audio port of Toslink can support 192Khz Sampling Rate(LPCM2.0 Audio Format), also can support LPCM 2.0, Dolby-AC3, DTS audio output.
- It supports 2.0CH, 5.1CH and ADV Three Audio EDID and 3D, 4K, Pass Three Video EDID set.
- It supports ARC.
- Support Power Off Memory Function, it can remember the last working state. When power on again, it can back to the last working state.
- LED Status Light shows clearly the working state.
- HDMI Input and Output distance can be up to 8m using the AWG26 standard HDMI Cable.
- No Loss of Signal
- Easy-Install
- DC5V1A Power Adaptor

Accessories Content:

- 1、5V/1A Power Adaptor
- 2、Manual
- 3、Remote

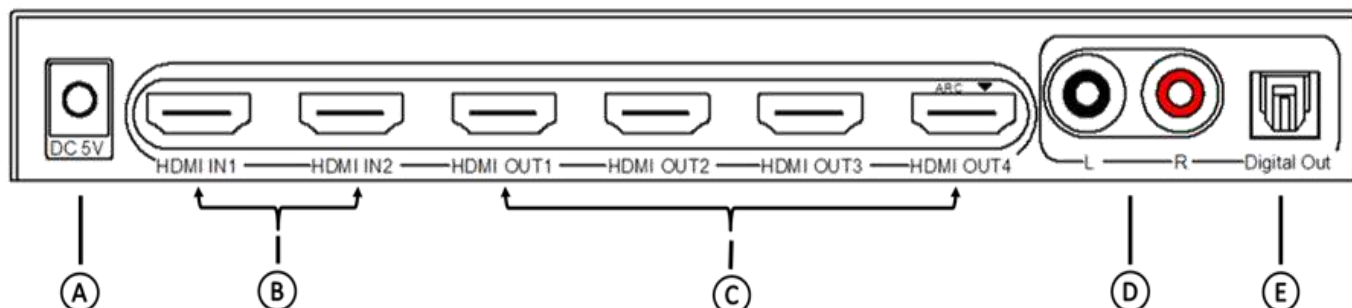
Physical Connect Port:

Picture 1.0 Front Panel Showing



- A: Power "ON/OFF" Button
- B: Standby Status LED, when light goes bright, the device goes to Standby State.
- C: HDMI Input Channel Switch Button
- D: ARC On/Off Button
- E: Video EDID Mode Switch Button
- F: Audio EDID Mode Switch Button
- G: HDMI Output Channel LED Status Light
- H: Remote IR Window Port
- I: HDMI Input Channel LED Status Light
- J: ARC Status LED Light, when light goes bright, ARC function on.
- K: Video EDID Pass Mode LED Status Light.
- L: Video EDID 4K Mode LED Status Light.
- M: Video EDID 3D Mode LED Status Light.
- N: Audio EDID ADV Mode LED Status Light.
- O: Audio EDID 5.1CH LED Status Light
- P: Audio EDID 2CH LED Status Light

Picture 1.1 Rear Panel Showing



A: 5V DC Port

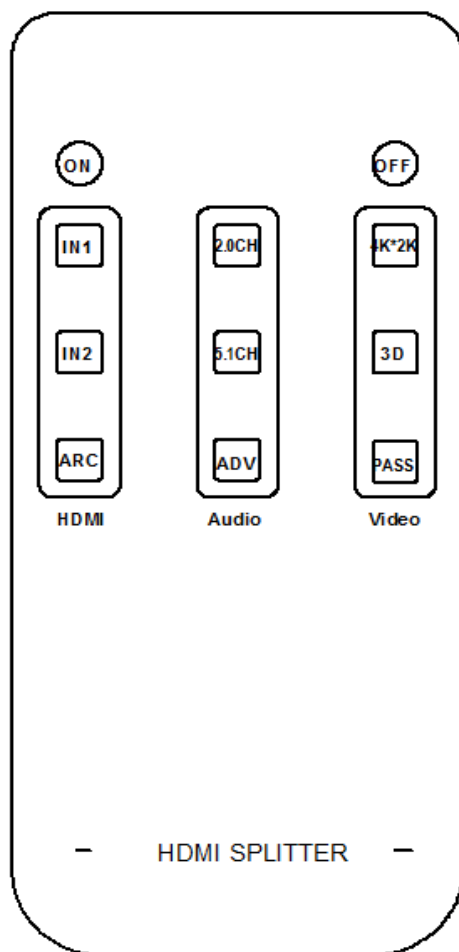
B: HDMI Input Port

C: HDMI Output Port

D: Analog L/R Audio Output Port

E: Digital Audio Toslink Output Port

Remote Button Function Showing



ON: Power On button, when device is standby, it will go to normal working status if you press the button and also the Standby Led Status Light will go off.

OFF: Standby Button, when device is working normally, it will go to Standby status if you press the button and also the Standby Led Status Light will go bright;

HDMI:

IN1, IN2: HDMI Input Channel Switch Button. When you press the "IN1" Button, the device will go to the matched input channel.

ARC: ARC On/Off Button. ARC will on after press the button and ARC LED light at device will go bright; press second time, ARC will off and the ARC LED light will off. ARC Audio will output from the Toslink Port.

When use ARC, pls confirm you have turned on the TV CEC and used the HDMI 1.4V Cable. If no audio out, then pls restart your equipment.

Audio:

2CH: EDID 2.0 Button. After press the 2.0 button, the 2.0CH LED light will go bright, and the device will change to support only LPCM 2.0 Audio Format; the source will output LPCM 2.0 audio as the supplied info from the device.

5.1CH: EDID 5.1 Button. After press the 5.1 button, the 5.1CH LED light will go bright, and the device will change to being compliant with Dolby-AC3,DTS ,LPCM2 .0 Audio Format; the source will output the best audio format as the supplied info from the device and the source film supported audio format.

PASS: EDID PASS Button. After press the button, the PASS LED Light will go bright; the device can auto read the sink device supported audio format and feedback it to the source; the source will output the best audio format as the supplied info from the device and the source film supported audio format.

Video:

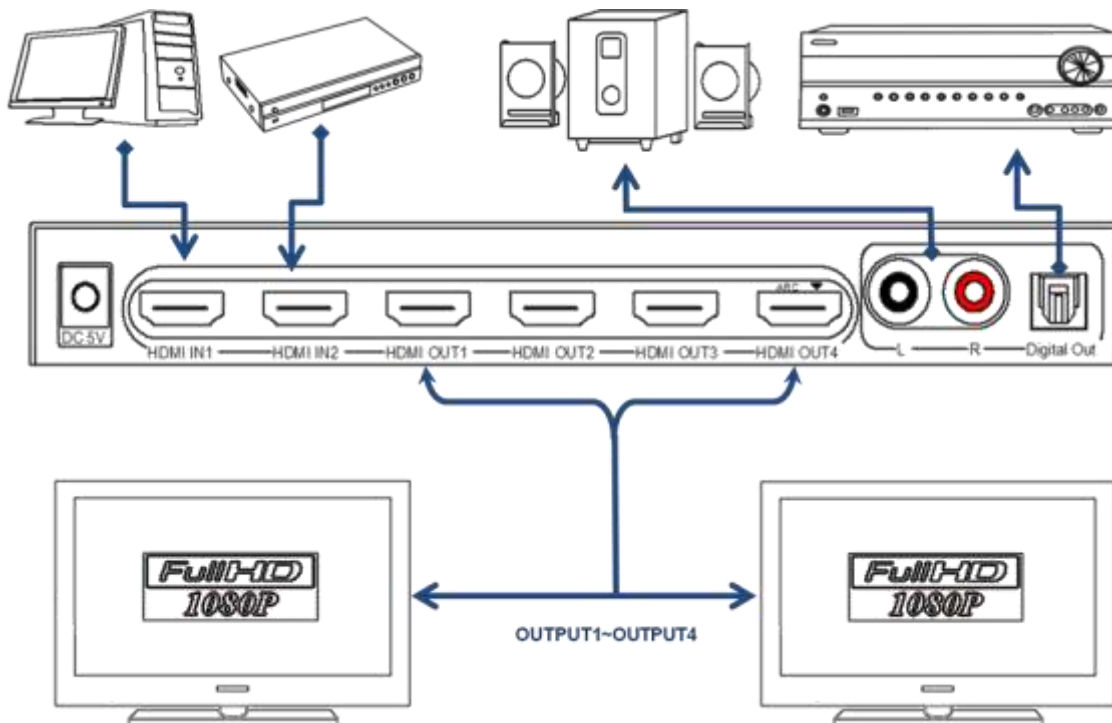
Video 4K EDID Mode Button. After press the button, the 4K Led Light will go bright and the device will set the supported video format to 3840x2160/30Hz and feedback it to the HD Sources, then the sources will output the best video format.

3D: Video 3D Mode Button. After press the button, the 3D Led Light will go bright and the device will set the supported video format to 1080P/3D and feedback it to the HD Sources, then the sources will output the best video format.

PASS: Video Passout Mode Button. After press the button, the Pass Led Light will go bright and the device will read the HD Display EDID and feedback it to the HD Source, then the HD Source will output the best audio that the HD Display can support.

* Pls take out the film at the rear of the remote before you use. Pls insert the film to remote rear if you do not use the remote for long time. Also some special source will effect only after restart; if you find no effect after you press the EDID button, pls restart the source and check again.

Connection and Operation:



1. To use one HDMI Cable to connect the HD Source with the HDMI Input port of device.
2. To use HDMI Cable to connect the HDMI Output port of device with the Display.
3. To use optical cable to connect the Toslink output port with the AV Receiver.
4. To use the analog av cable to connect the LR port of the device with the active speakers.
5. To connect the DC5V power adaptor with the DC5V port of the device.
6. To press button "ON/OFF" at device to turn on the device. Then according to your need to set up the equipment.

Spec:

HDMI Resolution.....24/50/60fs/1080P/1080i/720p/576p/576i/480P/480i,24/30/2160P
Deep Color24/30/36bit/1080P/1080i/720p/576p/576i/480P/480i,24bit//2160P
HDMI In/Out Supported Audio Format.....
DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Digital Audio Output Supported Audio Format.....LPCM2.0/Dolby
AC3/DTS
Digital Audio Output Sampling Rate.....32KHz, 44.1KHz, 48KHz, 88.2KHz,
96KHz, 176.4KHz, 192KHz
Digital Audio Output Max Bandwidth25MHz
Analog Audio Max Output Voltage..... 2V P_P
Analog Audio Max Output Frequency Range.....50Hz~18KHZ
HDMI Channel Max Bandwidth.....300MHz
Input / Output DDC signal..... 5Vp-p(TTL)
HDMI Input Cable Length.....≤8m AWG26 HDMI standard cable
HDMI Output Cable Length.....≤8m AWG26 HDMI standard cable
Max Working Current.....700mA
Power Adaptor Format:.....AC Input (50 /60HZ) :100V-240V;DC Output:5V/1A
Working Temperature Range.....(-0 to +40°C)
Working Humidity Range.....5 to 85%RH (No Condensation)
Size..... 205x74x26 (mm)
Weight.....370g

Notes:

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Pls hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machine is not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Pls use the original factory power adaptor.
8. .It does not support the conversion between DVI and HDMI signal Pls use your signal source and display following the correct process.

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

Serial NO	Trouble Description	Cause and Ways to deal with
1	Non-Power-Connected	1、Check if the power adaptor head is truly and correctly inserted the power socket. 2、 Check the power switch if it is in on status.
2	No Picture	1、 Pls to make sure that the TV is on and has been connected with the machine,. 2、 To check if the signal source is on and well connected.

		3、 Check the system connection quality. 4、 Check if the line is all good quality. 5、 Check the cable quality.
3	Obscure Picture	1、 To try again to connect the cable to be free from the unsuccessful connection. 2、 HDMI Cable Quality
4	No sound	1、 Please confirm the setting position of audio mode switch
5	Remote	1、 Pls check if the film that stops the current has been taken out. 2、 To check if the remote battery is working well.