

HDMI 4x1 Switch with Audio Extractor

Support 4K/60Hz YUV 4:4:4 HDR

User Manual

Introduction :

This HDMI 4 input and 1 output audio splitter can help you connect the source device to a display device. At the same time, you can also separate the digital audio from the HDMI signal to the SPDIF output, or convert it through the internal audio DAC. 2-channel stereo analog audio to power system, support Dolby Digital AC-3, DTS, LPCM and other digital audio format output, with DVD player, Blu-ray player, network player, set-top box, PS2, PS3, Xbox360 The HDMI high-definition output of many entertainment devices such as PCs is docked. This product can be used in places where noise, transmission distance and safety are limited, data center control, information distribution, conference room presentations, and digital environments and corporate training venues.

Features :

- 4 HDMI signal input, one HDMI output, and synchronously separate the audio signal, support 1 SPDIF optical digital audio output and 1 L/R stereo analog audio output
- HDMI resolution supports up to 4K/60fs and supports 3D
- SPDIF optical output supports Dolby Digital AC3, DTS, LPCM and other digital audio formats, supporting 5.1CH output
- Supports switching between 4 audio EDID read modes (2CH /5.1CH/7.1CH/PASS)
- Supports ARC
- Support infrared remote control
- Support automatic switch
- Panel design LED indicator to clearly indicate the working status of the product
- 24-bit/192KHz DAC chip ensures high quality sound quality
- No signal loss
- Simple installation
- Powered by DC5V/1A

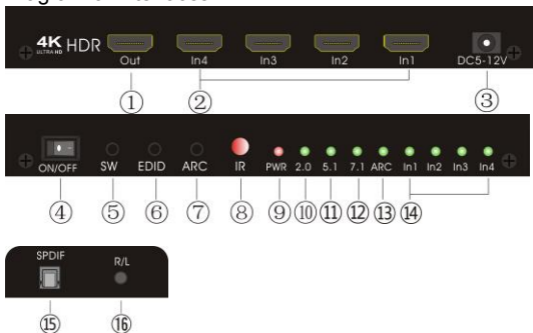
Specifications:

Support HDMI HDCP Version	HDCP 2.2
HDMI Input/Output Resolution.....	Up to4K/60fs
Support HDMI Video Color Format.....	2160P,10/12bit
10/12 bits, 24/25/30Hz, 2160p, 10/12 bits, 50/60Hz	
HDMI Audio Format.....	DTS-HD/Dolby-TrueHD/LPCM7.1
/DTS/olby-AC3/DSD	
SPDIF Digital Audio Formate.....	Dolby Digital(AC3)/DTS/LPCM
HDMI MaxBandwidth.....	600MHz
HDMI Max Baud Rate.....	18Gbps
Input Output TMDS Signal.....	0.5~1.5Vp-p(TTL)
Input Output DDC Signal.....	.5Vp-p(TTL)
DAC sampling frequency	32~192 KHz
DAC bit rate.....	16~24 Bit
RCA analog output (1KHz@0dB).....	1V RMS
Signal to noise ratio @0dB(CC1R/ARM).....	≥90dB
Distortion degree.....	≤0.1%
Frequency response.....	20HZ~20KHz
HDMI Input Cable Distance.....	≤3m AWG26 HDMI Standard Cable
HDMI Output Cable Distance.....	≤3m AWG26 HDMI Standard Cable
Max Working Current.....	270mA
Power Adapter Format.....	AC 100V-240V 50/60HZ,DC 5V/1A
Operating Temperature Range.....	-10~+55°C
Storage Temperature Range.....	-20~+60°C
Operating Humidity Range.....	10~90%RH (No Condensation)
Storage Humidity Range.....	5~95%RH (No Condensation)
Case Dimension.....	180×72×21 (mm)
Weight.....	324g

Package Contents :

HDMI Audio Extractor.....	1pcs
DC5V/1A Power Adapter/USB Power Cable	1pcs
IR remote control.....	1pcs

Diagram of Interfaces :



- ① Out.....HDMI Output Port
- ② In1-In4.....HDMI Power Input
- ③ DC5-12V.....Power Input Port
- ④ ON/OFF.....Power switch
- ⑤ SW.....HDMI Input Switch
- ⑥ EDID.....Audio Mode Switch
- ⑦ ARC.....ARC Switch
- ⑧ IR..... IR Receive Port
- ⑨ PWR.....Power Indicator Light
- ⑩ 2.0.....2.0 Indictor Light
- ⑪ 5.1.....5.1 Indictor Light

- ⑫ 7.1.....7.1 Indicator Light
- ⑬ ARC.....ARC Indicator Light
- ⑭ IN1~IN4.....Input Indicator Light
- ⑮ SPDIF.....SPDIF Output
- ⑯ R/L.....R/L Output

Connection and Operation :



1. Connect the DVD/BD HDMI HD output to the HDMI input of the splitter via the HDMI cable.
2. Connect the HDMI output of the splitter to the TV/display HDMI input via the HDMI cable.
3. When digital audio is required, the output of the optical digital audio output interface of the splitter is connected to the optical input of the power amplifier through the optical fiber cable.
4. When analog audio is required, connect 2-channel analog audio to the amplifier's analog audio input via a 3.5mm audio cable.
Note that the channels correspond one-to-one and the audio EDID mode is selected in 2CH mode.
5. Finally connect the DC head of the power adapter to the DC input of the decoder, and then plug the adapter into the power outlet.

Note :

Please correctly use and keep the splitter to guarantee the product performance and work as expected.

1. Please do not expose this unit to the damp, high-temperature, dusty, erosive, or oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Please do not touch the item with wet hands.
4. Please hold the plug when unplugging. Do not pull the power cable directly.
5. Please turn the unit off when it is not in use for a long period of time.
6. Please do not open the cover and do not touch the inside parts.
7. Please use the original factory power adapter.

FAQ :

Before switching on the extractor, please check all the cables carefully and make sure all the interfaces are connected correctly. The common problems and the relevant solutions are showed as follows.

No	Problem Description	Solutions
1	Non-Power-Connected	<ol style="list-style-type: none">1.1. Check if the power plug is safely inserted.2.2. Press the power button to check if it has entered the power standby state.

2	No Sound/ Abnormal Sound	<ol style="list-style-type: none"> 1. Confirm that each channel and interface are correct and connected reliably 2. Confirm that the input audio signal format is the format supported by the product. 3. Confirm that the setting of the audio EDID mode switch is appropriate 4. Confirm the volume setting of the amplifier/TV and whether it has been muted
3	No image/pict ure error	<ol style="list-style-type: none"> 1. Confirm that the signal source and TV are turned on and connected to the unit. 2. Check if the signal source output resolution is set too high 3. The device EDID information is read incorrectly. It is recommended to power off and restart. 4. Wire quality is not good (HDMI cable requirements comply with HDMI2.0 standard)
4	ARC has no sound output	<ol style="list-style-type: none"> 1. Please confirm whether the HDMI output interface of the splitter is correctly connected to the HDMI input interface of the TV with "ARC" interface. 2. Please confirm whether the TV is turned on "External Audio Mode"