

USER MANUAL

HDMI Audio Extractor
Support 5.1CH, 4K 3D



Introduction

This audio decoder can auto convert HDMI input to 5.1 channel analog audio output, and support decoding Dolby AC-3/DTS(include 5.1 RAW digital audio streaming). So it is widely used in families, schools, squares, concert halls, cinemas and other public places to enjoy the shock effect of DTS or Dolby.

Features:

- Build-in high performance RTOS operating system and audio decoder chip; support DTS/AC-3.
- Super fast start time about 3 seconds.
- Input: HDMI
- Output: HDMI;SW,CEN,SR,SL,FR,FL; 3.5mm Headphone Port
- HDMI Input Resolution: Up to 3840x2160@30Hz;4096x2160@30Hz.
- HDMI to achieve the synchronization of audio signal decode. There are PASS/2.0CH/5.1CH three kinds of audio mode options.
- Auto decode AC-3/DTS (LPCM/PCM/RAW) input signal without any action.
- High compatibility: Support network player, HDTV, Blu-rayDVD, DVD, PS3, Xbox 360, DM500S, DM800HD, etc.
- Small Size and Metal case, Anti-interference.
- Adopt 6ch RCA/3.5mm Headphone port output,convenient and efficient in use.
- Supports 6CH volume synchronous adjustment.

Specification :

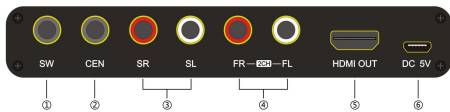
HDCP Version.....HDCP1.4
HDMI Version.....HDMI1.4b
HDMI Resolution.....2160p@30Hz/
1080p@50/60Hz/1080i/720p/1576i/480p/480i
Support Video Color Format.....24bits/deep color 30bit,36bit
Audio Output.....2CH/5.1CH Analog Audio
Max Bandwidth.....340MHz
Max Baud Rate.....10.2Gbps
Input/ Output TMDS signal.....0.5-1.5Volts p-p(TTL)
Input/ Output DDC signal.....5Volts p-p(TTL)
Input Cable Distance.....<=7m AWG26 standard cable HDMI
Output Cable Distance.....<=8m AWG26 standard cable HDMI
Support Audio Format...MP3,AC3,DTS,WAV,WMA,
AAC,ALAC,FLAC,APE,OGG,M4A
Signal Noise Ratio.....120db
Stereo Isolation.....80db (1KHZ)
Channel Unbalance.....0db
Sampling Rate.....32~192 KHz
Bit Rate.....16~24 Bit

Response Frequency.....20Hz~20KHz+/-0.7db
 THD.....20Hz~20KHz 0.25-0.065%
 THD+N.....1KHz 0.15%
 Shell Dimension.....138.2 x 97.5 x 21.2mm
 Weight.....238g
 Max Power Current.....420mA
 Power adapter format.....input:AC(50/60Hz)100V-240V;Output:DC5V/2A
 Working Temperature.....0-70℃
 Working Humidity.....10%-80%RH(non-condensing)
 Storage Temperature.....-10-80℃
 Storage Humidity.....5% -90% RH(non-condensing)

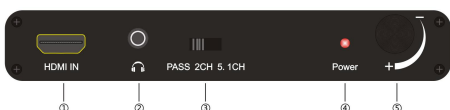
Package Contents:

Decoder.....1PCS
 User Manual.....1PCS
 5V/1A Power Adapter.....1PCS

Diagram of Interfaces:



- ① SW: Heavy bass output port
- ② CEN: Middle output port
- ③ SR/SL: Post position left/right output port
- ④ FR/FL: Front left/right output port
- ⑤ HDMI OUT: HDMI output port
- ⑥ DC/5V: Power port

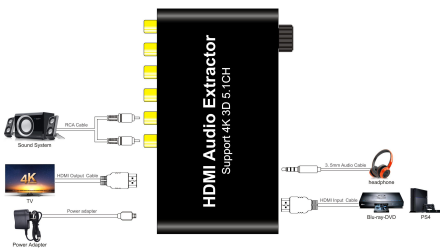


- ① HDMI IN: HDMI input port
- ② HEADPHONE: 3.5mm Analog Audio Output port

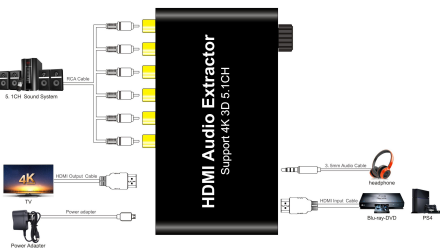
- ③ PASS/2CH/5.1CH: Audio output PASS/2.0/5.1 channel switch button
- ④ Power:Power indicator light
- ⑤ Knob: Volume Adjustment

Connection Diagram:

In the 2CH Mode



In the 5.1CH Mode



Connection and Operation :

- Use the HDMI cable to connect the HDMI input interface to the HD source device.(such as DVD,games console,computer etc.)
- Use the HDMI cable to connect the HDMI output interface to the HD display.(such as HD TV, monitor etc.)
- Use the audio cable to connect the SW/ CEN/ SR/ SL/ FR/ FL port to the Audio amplifier.
- Connect the Headphone port to the headphone.
- Connect the Power Adapter to the Power Interface of the decoder,the power indicator will light when power on.
- Switch Pass/2CH/5.1CH key when you need to output Pass/2.0/5.1 sound. when you select 2ch sound output mode,ONLY FR/FL port make a sound. Other interface

have no sound.

Note:

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

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 power adapter plug 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.