
USER MANUAL

QVS HD-ADE

HDMI 2CH/5.1CH Audio Extractor

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HDMI 2CH/5.1CH Audio Extractor

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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

HDMI integrates audio and video signals together. This integration gives us the convenience of using only one cable for audio and video. However, that can be a drawback for those who need separate audio outputs. Fortunately, the QVS HD-ADE is able to offer HD quality video signal with the choice of audio output. The HD-ADE can extract the audio signal from the HDMI interface, and transmit the audio to the display and amplifier receiver by SPDIF or Stereo.

1.1 FEATURES

- Supports audio output: SPDIF (Toslink/Coaxial) and Stereo (3.5mm).
- Supports audio output through the HDMI to the display
- 2.0CH/5.1CH audio switch.
- Supports the highest video resolution to 1080p.
- Supports 225MHz/2.25Gbps per channel (6.75Gbps all channel) bandwidth.
- Supports 12bit per channel (36bit all channel) deep color.
- Supports HDCP.
- Supports uncompressed audio such as LPCM.
- Supports compressed audio such as DTS Digital, Dolby Digital.
- Support 3D all format, including 1080p@23.98/24Hz, 720p@59.94/60Hz/50Hz, bandwidth up to 225MHz.

2.0 SPECIFICATIONS

Inputs/Output Connector	
Input Connector	HDMI Female
Output Connector	HDMI Female, Toslink, Coaxial, 3.5mm Stereo
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	2.25Gbps/225MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Warranty	
Limited Warranty	1 Year Parts and Labor

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Environmental	
Operating Temperature	0°C to +70°C
Operating Humidity	10% to 80 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	5V DC @2A
Power Consumption (max)	2.5W
Regulatory Approvals	
Converter Unit	FCC,CE
Power Supply	UL,CE,FCC
Accessories Adapter	
AC Power Adapter	US standard, UK standard and so on
User Manual	1 x English

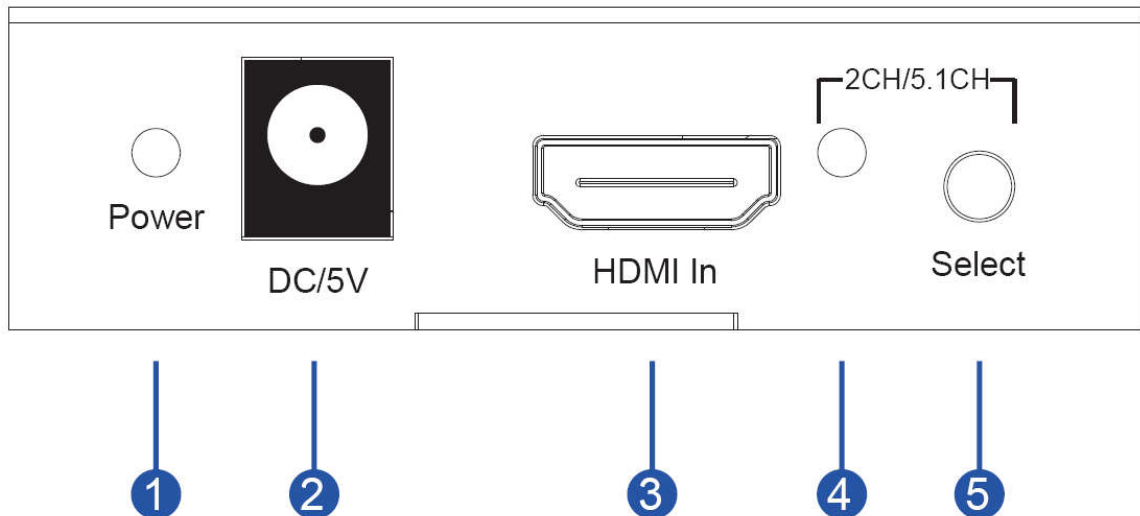
Note: Specifications are subject to change without notice. Weight and dimensions are approximate.

3.0 PACKAGE CONTENTS

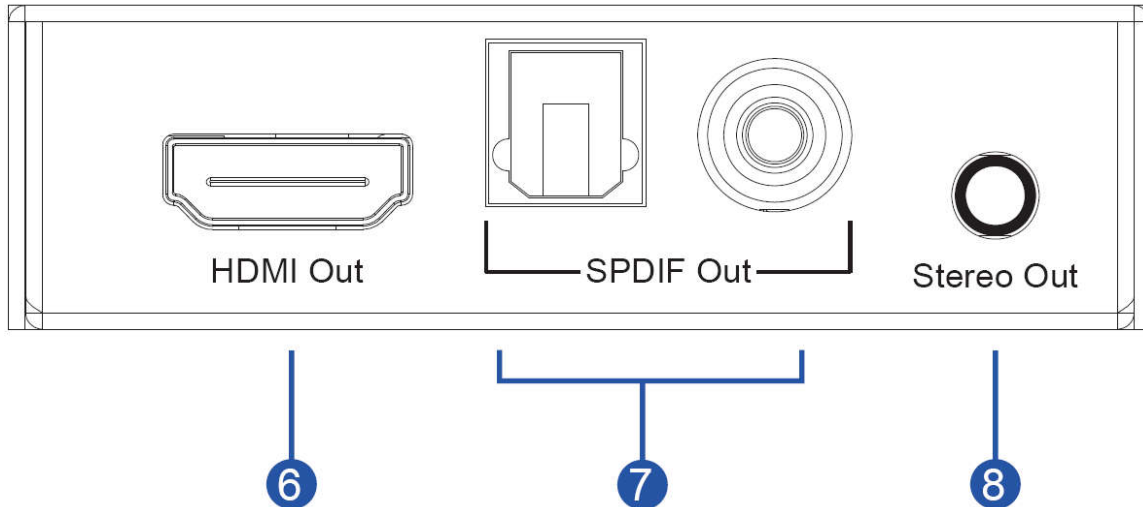
Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- 1) Main unit.
- 2) 5V DC Power Supply.
- 3) User's Manual.

4.0 PANEL DESCRIPTIONS



HDMI 2CH/5.1CH Audio Extractor



1) Power and Active LED

With a double color LED when supplying power to this unit the light is red and when it starts to work normally the light is purple (red and blue mixed).

2) DC/5V

Connect this port to power adapter.

3) HDMI In

Connect this port to HDMI source device.

4) 2.0CH/5.1CH LED

When 2.0CH is being selected it is off and when 5.1CH is being selected it is on.

5) 2.0CH/5.1CH button

Pressing "button" to switch 2.0/5.1CH manually.

6) HDMI Out

Connect this port to HDMI Display.

7) SPDIF Out

Connect Toslink or Coaxial port to Amplifier Receiver.

8) Stereo Out

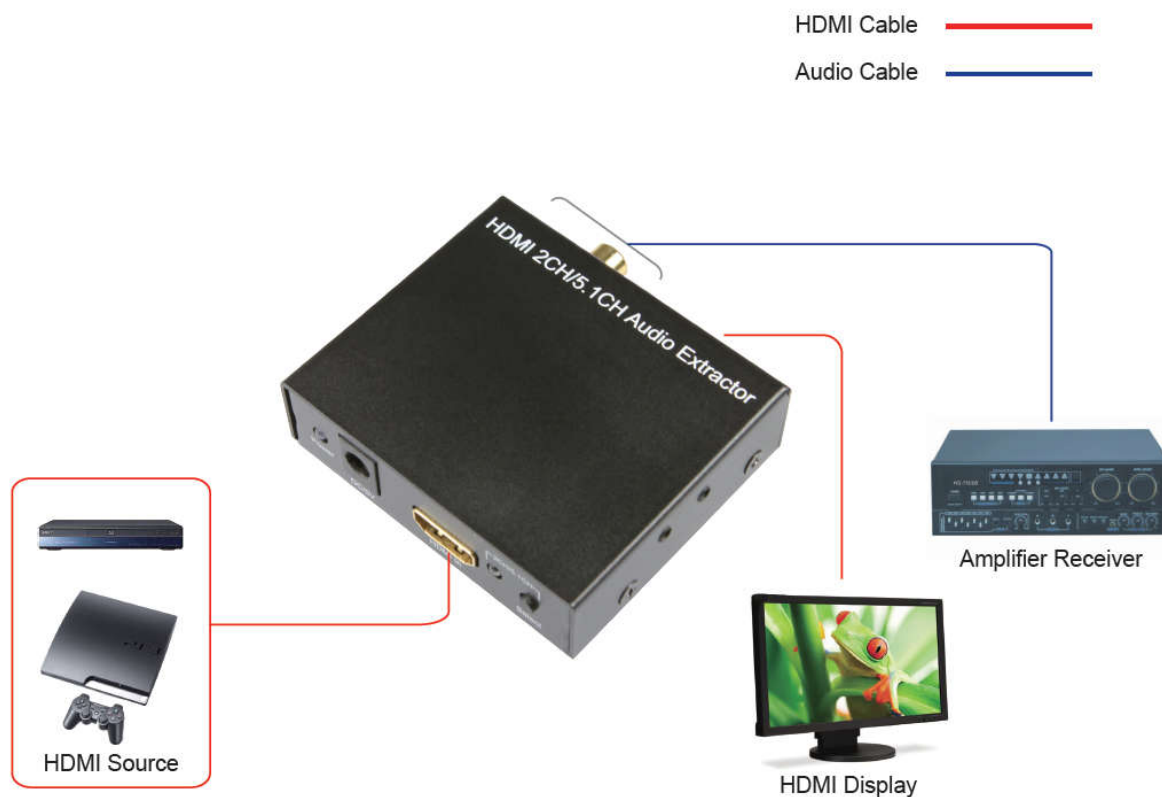
Connect this port to Amplifier Receiver.

Note: Only when the source supports 5.1CH output (including CD), this function is effective and it realizes through the 2.1CH/5.1CH buttons. The product default output is 5.1CH, and LED turns on at the time. Press the button a time again, the product outputs 2CH audio and the LED turns off. If the source can only supports 2CH audio output, the "2CH/5.1CH" button will become invalid, that is, although you press "2CH/5.1CH" button, the product still outputs 2CH audio and the LED is still on.

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5.0 CONNECTION AND OPERATION

- 1) Connect the input of this product to HDMI Source.
- 2) Connect the output of this product to HDMI Display.
- 3) Connect SPDIF or Stereo port to Amplifier Receiver
- 4) Insert the DC side of 5V power supply into the unit and then connect the AC side of the power supply into the wall outlet.
- 5) Select the Audio output you want through pressing "2CH/5.1CH" button.



5.2 CONNECTION DIAGRAM