

# ANI-5.1CH4K

4K UHD HDMI 2CH/5.1CH Audio Extractor  
HDMI 2.0 4K@60Hz



4K@60Hz  
UHD



## SAFETY INFORMATION



1. To ensure the best results from this product, please read this manual and all other documentation before operating your equipment. Retain all documentation for future reference.
2. Follow all instructions printed on unit chassis for proper operation.
3. To reduce the risk of fire, do not spill water or other liquids into or on the unit, or operate the unit while standing in liquid.
4. Make sure power outlets conform to the power requirements listed on the back of the unit. Keep unit protected from rain, water and excessive moisture.
5. Do not attempt to clean the unit with chemical solvents or aerosol cleaners, as this may damage the unit. Dust with a clean dry cloth.
6. Do not use the unit if the electrical power cord is frayed or broken. The power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
7. Do not force switched or external connections in any way. They should all connect easily, without needing to be forced.
8. Always operate the unit with the AC ground wire connected to the electrical system ground. Precautions should be taken so that the means of grounding of a piece of equipment is not defeated.
9. AC voltage must be correct and the same as that printed on the rear of the unit. Damage caused by connection to improper AC voltage is not covered by any warranty.
10. Turn power off and disconnect unit from AC current before making connections.
11. Never hold a power switch in the "ON" position.
12. This unit should be installed in a cool dry place, away from sources of excessive heat, vibration, dust, moisture and cold. Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.
13. Do not block fan intake or exhaust ports. Do not operate equipment on a surface or in an environment which may impede the normal flow of air around the unit, such as a bed, rug, carpet, or completely enclosed rack. If the unit is used in an extremely dusty or smoky environment, the unit should be periodically "blown free" of foreign dust and matter.
14. To reduce the risk of electric shock, do not remove the cover. There are no user serviceable parts inside. Refer all servicing to qualified service personnel. There are no user serviceable parts inside.
15. When moving the unit, disconnect input ports first, then remove the power cable; finally, disconnect the interconnecting cables to other devices.
16. Do not drive the inputs with a signal level greater than that required to drive equipment to full output.
17. The equipment power cord should be unplugged from the outlet when left unused for a long period of time.
18. Save the carton and packing material even if the equipment has arrived in good condition. Should you ever need to ship the unit, use only the original factory packing.
19. Service Information Equipment should be serviced by qualified service personnel when:
  - A. The power supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the equipment.
  - C. The equipment has been exposed to rain.
  - D. The equipment does not appear to operate normally, or exhibits a marked change in performance.
  - E. The equipment has been dropped, or the enclosure damaged.

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**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.

**INTRODUCTION**

This product is an HDMI audio extractor with resolution support up to 4K2K@60Hz. It not only supports to connect DVD to HDTV, but also supports to connect amplifier receiver via its Toslink or Coaxial or stereo audio port, letting you enjoy high definition video and meanwhile enjoy high-quality audio. This audio extractor extracts 5.1 audio from the source and transmit it to the amplifier with Toslink cable and restore Multi-Channel audio through multi-channel sound system (audio will remain embeded with the HDMI video). When connecting the headphone output, the audio output will automatically switch to 2 channel stereo audio. This product has a 3 year warranty.

**PACKAGE CONTENTS**

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

- ANI-5.1CH4K Audio Extractor
- 5V/1A Power Adapter
- Users Guide

**SAFETY PRECAUTIONS**

Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply. Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.
- Do not attach the power supply cabling to building surfaces.
- Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.
- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.
- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

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## FEATURES

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- Follows HDMI resolution up to 4K2K@60Hz
- Supports 600MHz/6Gbps per channel bandwidth (18Gbps all channels)
- Supports video resolutions up to 12bit 4K (60Hz), 1-bit 1080p (60Hz) or 12bit 720p/1080i (60Hz)
- 3D formats up to 600MHz
- HDCP 2.2 and 1.4
- Supports uncompressed audio such as LPCM
- Supports Multi Audio Formats 5.1 / 7.1, MAT(MLP), Dolby Digital, Dolby TrueHD, Dolby Digital Plus, DTS, DTS-ES 6CH, DTS-HD, DTS-HD-HRA, DTS-HD Master, (PCM-2CH)
- Powered from Micro USB

## SPECIFICATIONS

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- **Input Connector:** HDMI
- **Output Connector:** HDMI
- **Other Connector:** Toslink/Stereo
- **Input Resolutions:** Up to 4K2K@60Hz
- **Output Resolutions:** Up to 4K2K@60Hz
- **Limited Warranty:** 1 Year
- **Operating Temperature:** 0°C to 70°C
- **Operating Humidity:** 10% to 85% RH (no condensation)
- **Storage Temperature:** -10°C to +80°C
- **Storage Humidity:** 5% to 90% RH (no condensation)
- **External Power Supply:** Powered from DC port
- **Power Consumption (Max):** 2W
- **Converter Unit:** FCC, CE
- **Power Supply:** FCC, CE
- **Accessories Adapter:** 5V/1A Power Adapter

As product improvements are continuous, specifications are subject to change without notice.

## FRONT PANEL



**① POWER AND ACTIVE LED:** With a bi-color LED, the light turns red when power adapter is connected and turns purple when starting to work.

**② DC/5V:** Connect this port to power adapter to supply power.

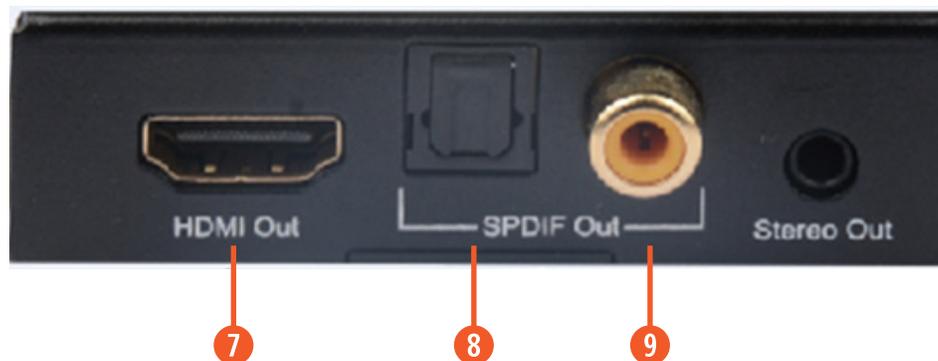
**③ HDMI IN:** Connect this port to HDMI source device.

**④ TOGGLE SWITCH (2.0 CH):** If the source device supports 2.0CH, this products outputs 2.0CH.

**⑤ TOGGLE SWITCH (5.1 CH):** If the source device supports 5.1CH, this product outputs 5.1CH the audio only outputs from SPDIF port (under this condition , if the sink amplifier doesn't support 5.1CH, the amplifier may have no audio output or have audio output with bad quality). **NOTE:** If the source device supports 2.0CH, though toggling switch to 5.1CH, this products still outputs 2.0CH.

**⑥ TOGGLE SWITCH (AUTO):** This product bypasses any audio format that the source device supports (if this product bypasses 5.1CH while the sink amplifier doesn't support 5.1CH, the amplifier may have no audio output or have audio output with bad quality) **NOTE:** If this product outputs 2.0CH, the audio can output from either stereo or SPDIF port; if it outputs 5.1CH, the audio only outputs from SPDIF port.

## BACK PANEL



**⑦ HDMI OUT:** Connect this port to HDMI Display.

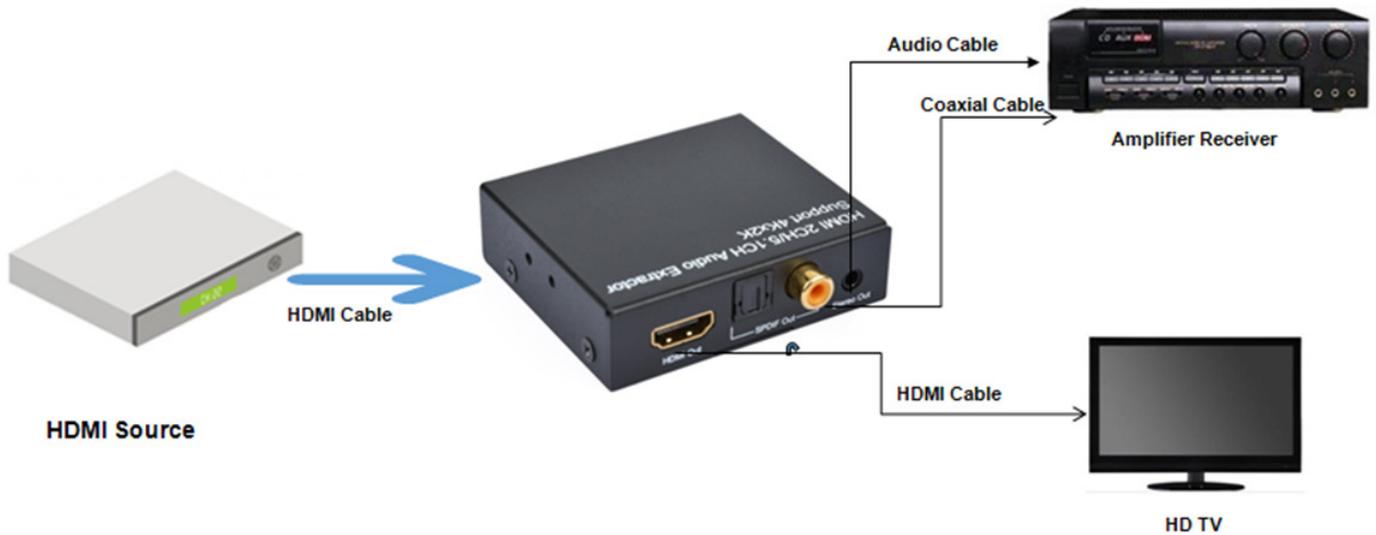
**⑧ SPDIF OUT:** Connect Toslink or Coaxial port to Amplifier Receiver.

**⑨ STEREO OUT:** Connect this port to Headphones.

## CONNECTION

1. Connects the input of this product to the HDMI source.
2. Connects the output of this product to the HDMI display.
3. Connects the SPDIF or Stereo port to the 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. Selects the audio output you want by pressing the “**2CH/5.1CH/4K**” button.

## CONNECTION DIAGRAM



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