

Speaka SP-10468584

SpeaKa Professional HDMI to RCA Audio Extractor

Model: SP-10468584

INTRODUCTION

This SpeaKa Professional HDMI to RCA Audio Extractor is designed to convert an HDMI input signal into a 5.1 channel analog audio output. It supports Dolby AC-3 and DTS decoding, including 5.1 RAW digital audio streaming. This device is suitable for various applications, such as home entertainment systems, schools, concert halls, and cinemas, allowing users to experience DTS or Dolby audio effects.

PRODUCT FEATURES

- Converts HDMI input to high-quality analog audio output, suitable for older AV receivers or active 5.1 audio systems.
- Supports 5.1 surround sound or stereo output via a switch, with integrated volume control.
- Supports HDMI resolutions up to 4K Ultra HD 2160p @ 30 Hz.
- Inputs: 1x HDMI. Outputs: 1x HDMI, 6x RCA (for 5.1 analog audio), 1x 3.5 mm headphone jack.

PACKAGE CONTENTS

- SpeaKa Professional HDMI to RCA Audio Extractor (SP-10468584)
- Power Adapter (DC 5V)
- Installation Material (if applicable)

PRODUCT OVERVIEW

Front Panel



Image: Front panel of the audio extractor. Features include the HDMI input port, a 3.5mm headphone output, a switch to select between 5.1 channel and 2 channel audio output, LED indicators for 5.1 input and power status, and a rotary knob for volume control.

- **HDMI IN:** Connect your HDMI source device (e.g., Blu-ray player, game console).
- **Headphone Jack:** 3.5mm output for headphones.
- **5.1CH / 2CH Switch:** Selects between 5.1 channel surround sound and 2 channel stereo output.
- **IN 5.1 Indicator:** Lights up when a 5.1 channel audio signal is detected.
- **Power Indicator:** Lights up when the device is powered on.
- **Volume Control:** Adjusts the output volume.

Rear Panel



Image: Rear panel of the audio extractor. It features six RCA output jacks labeled SW (Subwoofer), CEN (Center), SR (Surround Right), SL (Surround Left), FR (Front Right), and FL (Front Left). Also visible are the HDMI OUT port and the DC 5V power input port.

- **RCA Outputs (SW, CEN, SR, SL, FR, FL):** Connect these to your 5.1 channel analog audio system.
- **HDMI OUT:** Connect this to your display device (e.g., TV, monitor).
- **DC 5V:** Connect the provided power adapter here.

SETUP INSTRUCTIONS

1. **Connect HDMI Source:** Connect an HDMI cable from your source device (e.g., Blu-ray player, media streamer) to the **HDMI IN** port on the audio extractor.
2. **Connect HDMI Display:** Connect an HDMI cable from the **HDMI OUT** port on the audio extractor to your display device (e.g., TV, projector).
3. **Connect Audio System:**
 - For 5.1 channel audio: Connect six RCA cables from the corresponding **SW, CEN, SR, SL, FR, FL** RCA outputs on the extractor to your 5.1 channel analog audio system (e.g., AV receiver, active speakers).

- For 2 channel stereo audio: Connect two RCA cables from the **FR** and **FL** outputs to your stereo audio system. Alternatively, connect headphones to the 3.5mm headphone jack.
4. **Connect Power:** Plug the provided DC 5V power adapter into the **DC 5V** port on the extractor, then plug the adapter into a power outlet. The Power indicator LED will light up.
 5. **Select Audio Mode:** Use the **5.1CH / 2CH** switch on the front panel to select your desired audio output mode.

OPERATING INSTRUCTIONS

1. Ensure all connections are secure and the device is powered on.
2. Turn on your HDMI source device and your display device.
3. Play content from your HDMI source. The audio extractor will automatically detect the audio signal.
4. If the input audio is 5.1 channel, the **IN 5.1** indicator will light up.
5. Adjust the volume using the rotary knob on the front panel of the extractor or your connected audio system.
6. To switch between 5.1 channel and 2 channel stereo output, use the **5.1CH / 2CH** switch.

MAINTENANCE

- Keep the device in a cool, dry place, away from direct sunlight, high temperatures, and humidity.
- Do not expose the device to water or moisture.
- Clean the device with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- Ensure proper ventilation around the device to prevent overheating.
- Avoid dropping or subjecting the device to strong impacts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No audio output.	• Incorrect audio mode selected. • Loose audio cable connections. • No power to the extractor. • Source device audio settings.	• Ensure the 5.1CH / 2CH switch is set correctly. • Check all RCA and headphone connections. • Verify the power adapter is connected and the Power LED is on. • Check your source device's audio output settings (e.g., set to PCM, Bitstream).
No video output.	• Loose HDMI cable connections. • Incompatible resolution.	• Check HDMI cables between source, extractor, and display. • Ensure your display supports the resolution output by the source.

Problem	Possible Cause	Solution
5.1 audio not working, only stereo.	• 5.1CH / 2CH switch set to 2CH. • Source device not outputting 5.1 audio. • Audio system not configured for 5.1.	• Set the 5.1CH / 2CH switch to 5.1CH. • Verify your source device is outputting a 5.1 channel audio signal (e.g., Dolby Digital, DTS). • Ensure your analog audio system is correctly configured for 5.1 input.

SPECIFICATIONS

Manufacturer	SpeaKa Professional
Model Number	SP-10468584
Dimensions (L x W x H)	11 x 10 x 33 cm
Weight	182 grams
HDMI Input Resolution	Up to 3840 x 2160 @ 30 Hz (4K Ultra HD)
Input Interface	1x HDMI
Output Interfaces	1x HDMI, 6x RCA (5.1 analog audio), 1x 3.5mm Headphone Jack
Audio Channels	5.1 (with 2-channel stereo option)
Power Supply	DC 5V (via included adapter)
Included Components	Main unit, Power adapter, Installation material

SAFETY INFORMATION

- Read all instructions before operating the device.
- Use only the provided power adapter.
- Do not disassemble or modify the device.
- Keep out of reach of children.
- Disconnect power during lightning storms or when unused for long periods.

WARRANTY AND SUPPORT

This product comes with a 1-year availability of spare parts. For technical support or warranty inquiries, please contact your retailer or SpeaKa Professional customer service. Please refer to your purchase documentation for specific warranty terms and contact information.

