

avedio links HDMI Audio Extractor 8K60Hz/4K120Hz HDMI 2.1

avedio links 4K120Hz HDMI Audio Extractor 8K60Hz HDMI 2.1 User Manual

Model: HDMI Audio Extractor 8K60Hz/4K120Hz HDMI 2.1

1. INTRODUCTION

The avedio links 4K120Hz HDMI Audio Extractor 8K60Hz HDMI 2.1 is designed to separate audio signals from an HDMI source while passing the video signal to a display. This device allows you to output audio to various external audio systems such as soundbars, amplifiers, or headphones, enhancing your audio experience for movies, games, and other multimedia content. It supports high-resolution video up to 8K@60Hz and 4K@120Hz, along with advanced audio and video technologies.

2. KEY FEATURES

- **High-Resolution Video Support:** Supports 8K@60Hz and 4K@120Hz, providing powerful visual expression. Compatible with lower resolutions like 1080P and 2K.
- **Advanced Video Standards:** Supports HDR, HDR10, Dolby Vision, VRR (Variable Refresh Rate), and ALLM (Auto Low Latency Mode) for a smoother and more immersive visual experience.
- **Flexible Audio Connectivity:** Equipped with optical digital output, RCA, and 3.5mm headphone jack for compatibility with various audio devices such as amplifiers, speakers, and headphones.
- **Multiple Audio Output Modes:** Features three distinct audio output modes: PASS mode (audio from TV only), R/L mode (2CH LPCM output), and SPDIF mode (5.1ch Dolby/DTS optical digital output).
- **HDMI 2.1 and HDCP 2.3 Compliance:** Achieves high-speed data transmission of 48Gbps, ensuring stable compatibility with both the latest and older HDMI devices. Supports copyright protection standards HDCP 2.3/2.2/1.4 for secure use with Blu-ray and streaming services.
- **ARC/eARC & CEC Functionality:** Easily transmits TV audio to a soundbar or AV amplifier via the TV's HDMI (ARC compatible) terminal. CEC function allows volume adjustment with the TV remote, simplifying control and reducing remote clutter.
- **Wide Application:** Suitable for home theater setups, high-definition gaming, and office conference room

video/audio output. Compatible with gaming consoles like PlayStation and Switch, and ASTRO MixAmp.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing, please contact customer support.

- HDMI Audio Splitter x 1
- 5V1A Power Adapter x 1
- USB-C Power Cable x 1
- Optical Digital Cable x 1
- User Manual x 1

3つの音声モード搭載

ご注意: 雑音が出る場合は、TV音声を「PCM」に設定してください



SPDIFモード
光デジタル (最大5.1CH)
Dolby / DTS / PCM対応
ARCボタンでTV ↔ スピーカー切替



PASSモード
HDMI/パススルーのみ
音声はテレビから出力



R/Lモード
2.1CHアナログ (PCM対応)
RCA / 3.5mm 出力対応
ARCボタンでTV ↔ スピーカー切替

Image: All items included in the product package.

4. PRODUCT OVERVIEW

Familiarize yourself with the ports and controls of your avedio links HDMI Audio Extractor.



Image: Front and rear view of the device highlighting Power (DC 5V), PASS switch, R/L switch, SPDIF switch, eARC ON/OFF switch, eARC LED, HDMI IN, HDMI OUT, RCA Audio Out (R/L), and Optical Digital Audio Out (SPDIF).

Ports and Controls:

- **Power (DC 5V):** Connect the included 5V1A power adapter here.
- **HDMI IN:** Connect your HDMI source device (e.g., PS5, Switch, Blu-ray player).
- **HDMI OUT:** Connect to your display device (e.g., TV, monitor, projector).
- **RCA Audio Out (R/L):** Connect to analog audio input of an amplifier or speakers.
- **3.5mm Audio Out:** Connect to headphones or other 3.5mm audio input devices.
- **SPDIF (Optical Digital Audio Out):** Connect to an optical digital input on a soundbar or amplifier.
- **PASS/R/L/SPDIF Switch:** Selects the desired audio output mode.
- **eARC ON/OFF Switch:** Toggles the eARC function.

- **eARC LED:** Indicates the status of the eARC function.

5. SETUP AND CONNECTION

Follow these steps to connect your HDMI Audio Extractor:

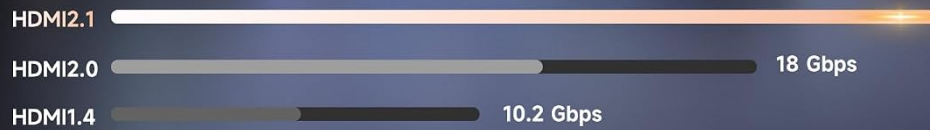
1. **Connect Power:** Connect the included 5V1A power adapter to the DC 5V port on the extractor and plug it into a power outlet.
2. **Connect HDMI Source:** Use an HDMI cable to connect your source device (e.g., gaming console, Blu-ray player) to the **HDMI IN** port on the extractor.
3. **Connect Display:** Use an HDMI cable to connect your display device (e.g., TV, monitor) to the **HDMI OUT** port on the extractor.
4. **Connect Audio Output:** Choose one or more audio output options based on your setup:
 - For optical digital audio, connect an optical cable from the **SPDIF** port to your soundbar or amplifier.
 - For analog RCA audio, connect RCA cables from the **RCA Audio Out (R/L)** ports to your amplifier or speakers.
 - For headphones, connect a 3.5mm audio cable from the **3.5mm Audio Out** port to your headphones.
5. **Select Audio Mode:** Use the PASS/R/L/SPDIF switch to select the appropriate audio output mode (refer to Section 6 for details).
6. **Enable ARC/eARC (if applicable):** If your TV and audio receiver support ARC/eARC, ensure the eARC ON/OFF switch is set to ON and your TV's HDMI port is ARC/eARC compatible.

8K@60Hz

超高解像度出力



HDR / Dolby Vision / VRR 対応。映画やゲームを色鮮やかに再現しAACオーディオで臨場感アップ。



48 Gbps

Image: Example connection setup with an HDMI source, TV, and external speakers.



ARC/eARC & HDMI-CEC対応

Image: Connection diagram for ARC/eARC functionality, showing TV audio returning to the extractor and then to an audio system.

6. OPERATING MODES

The device offers three audio output modes, selectable via the switch on the unit:

- **PASS Mode:** In this mode, audio is output only from the TV itself. The extractor passes the audio signal directly to the HDMI OUT port without processing or splitting it to the dedicated audio outputs.
- **R/L Mode:** This mode provides 2-channel (stereo) audio output via the RCA and 3.5mm jacks. It is compatible with LPCM audio formats. Use this mode for stereo sound systems or headphones.
- **SPDIF Mode:** This mode enables 5.1-channel optical digital audio output via the SPDIF port. It supports Dolby and DTS audio formats. Use this mode for surround sound systems that accept optical digital input.

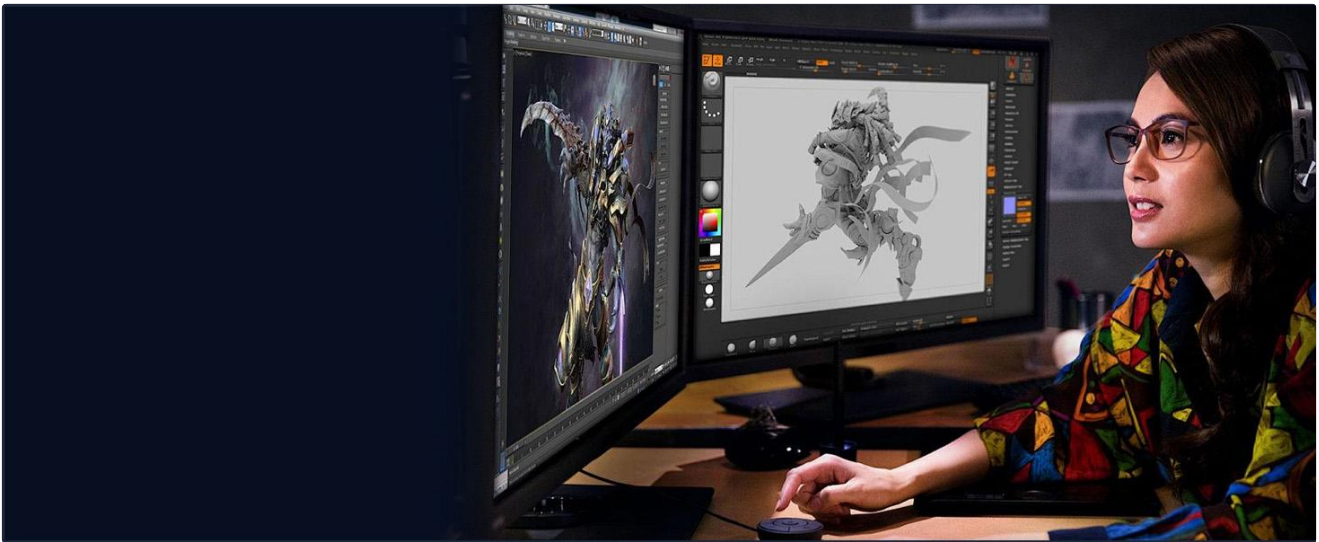


Image: Visual representation of the three audio modes and their corresponding output types (Optical Digital, RCA, 3.5mm).

7. TROUBLESHOOTING

If you encounter issues, please refer to the following points:

- **Power Adapter:** Always use the included 5V1A power adapter. This product does not support fast charging.
- **Volume Control:** This product does not have a built-in audio amplification chip. If the volume is low, manually adjust the volume on your connected speakers or headphones. This is not a product defect.
- **Video/Audio Issues (Black Screen, Flickering, No Sound):** We recommend using a high-quality 32AWG HDMI 2.1 compliant cable. Using low-quality cables may result in a black screen, screen flickering, or loss of audio.
- **ARC/eARC and CEC:** Ensure your TV's HDMI port is ARC/eARC compatible and that CEC functionality is enabled in your TV's settings. Some devices may not fully support CEC functionality.
- **No Sound/Noise with Non-Compatible Devices:** If connecting to a non-compatible device results in no sound or noise, please set your TV's audio output to "PCM".

8. SPECIFICATIONS

Feature	Description
Model	HDMI Audio Extractor 8K60Hz/4K120Hz HDMI 2.1

Color	4K120Hz GRAY
Connector Type	Plug-in
Compatible Devices	Soundbar, Speaker, TV, Projector, Monitor
Cable Type	RCA, 3.5mm, Optical Digital
Number of Ports	5
Item Dimensions (D x W x H)	12.8D x 10.3W x 5H cm
Country of Origin	China

9. WARRANTY AND SUPPORT

This product comes with a one-year manufacturer's warranty.

We are committed to providing continuous support to our customers. If you find that any accessories are missing from your package, please contact us immediately through the seller message system. We will arrange for a reshipment within 24 hours.

For any other inquiries or technical assistance, please reach out to our customer support team.