KAGO 5401

KAGO HDMI Audio Extractor Splitter Instruction Manual

Model: 5401

Brand: KAGO

1. INTRODUCTION & OVERVIEW

The KAGO HDMI Audio Extractor Splitter is designed to enhance your home theater audio-visual experience. This device functions as both an HDMI switch and an audio extractor, allowing you to manage multiple HDMI sources and output audio to various sound systems.

It supports high-resolution video up to 4K@60Hz, ensuring a clear and vibrant picture. With its advanced audio extraction capabilities, you can de-embed digital audio signals from your HDMI source or ARC/eARC capable display and convert them into analog stereo (RCA L/R), digital optical (SPDIF), or HDMI Audio formats.

The 4-in-1-out design allows you to connect up to four HDMI source devices and switch between them effortlessly using either the included IR remote control or the manual switch button on the unit. Its wide compatibility ensures seamless integration with various HDMI devices, from gaming consoles to media players.

2. PRODUCT FEATURES

- **HDMI Audio Extractor Splitter:** De-embeds digital audio signals from HDMI sources or ARC/eARC displays.

- **Versatile Audio Output:** Converts extracted HDMI audio to analog stereo (RCA L/R), digital optical (SPDIF for 5.1CH), or HDMI Audio (7.1CH for eARC/ARC).

- **High Resolution Support:** Supports up to 4K@60Hz, backward compatible with 4K@30Hz, 2560x1440@120Hz, and 1920x1080@240Hz.

- **Advanced Video Standards:** Compatible with 3D, UHD, HDCP2.2, and HDR10 (requires HDMI 2.0 certified cable for HDR10).

- **Fast & Stable Transmission:** Features an industry-leading IC chip for 18Gbps transmission, ensuring no frame or image loss.
- **4-in-1-out HDMI Switch:** Connects and switches between four HDMI input devices to a single HDMI output.
- **Convenient Control:** Easily switch devices via IR remote control (up to 30 feet) or manual button.
- **Wide Compatibility:** Works with Blu-ray players, DVD, HD players, cable/satellite boxes, Amazon Fire TV, Apple TV, PS3/PS4/PS4 Pro/PS5, Nintendo, Xbox, PC/laptops, HD cameras, Fire Stick, Roku, HD DVR, and various audio systems.

3. PACKAGE CONTENTS

Your KAGO HDMI Audio Extractor Splitter package includes the following items:

- 1x KAGO HDMI Audio Extractor Splitter (Model 5401)
- 1x IR Remote Control
- 1x DC 5V Power Supply
- 1x User Guide

Image: KAGO HDMI Audio Extractor Splitter, IR remote control, power supply, and user manual.

4. PRODUCT OVERVIEW (PORTS & INDICATORS)

Front Panel

Image: Front panel of the KAGO HDMI Audio Extractor Splitter showing power button, input indicators, output indicator, ARC/eARC indicator, switch button, and EDID switches.

- **IR Receiver:** Receives signals from the included IR remote control. Ensure clear line of sight.

- **Power Indicator:** Lights up when the device is powered on and passes self-test.

- **Input Indicators (IN 1-4):** LEDs indicate which HDMI input port is currently selected.

- **Output Indicator (OUT):** LED indicates a stable HDMI output connection.

- **ARC/eARC Indicator:** Lights up solid when ARC/eARC function is active and connected correctly. Flashing indicates a connection issue.

- **Switch Button:** Manually cycles through the HDMI input sources.

- **EDID Switches:** Used to adjust frame rate, resolution, and audio style for compatibility between input and output media. Refer to the user manual for detailed settings.

- **Service Port (USB-C):** Used for firmware updates if new versions become available.

Rear Panel

Two ways to Switch

1 Button

2 IR Remote

Image: Rear panel of the KAGO HDMI Audio Extractor Splitter showing HDMI inputs, HDMI output, Optical audio output, RCA L/R audio output, and DC 5V power input.

- **HDMI Inputs (HDMI 1-4):** Connect your HDMI source devices (e.g., PS5, Xbox, Apple TV). HDMI 1 is the eARC/ARC input.
- **HDMI Output (HDMI OUT):** Connects to your TV or monitor. This port also supports eARC/ARC.
- **Optical Audio Output (SPDIF):** Connects to your soundbar or home stereo for 5.1CH digital audio.
- **RCA L/R Audio Output:** Connects to your sound system for 2CH analog stereo audio.
- **DC 5V Input:** Connect the included 5V DC power adapter here.

5. SETUP INSTRUCTIONS

Follow these steps to set up your KAGO HDMI Audio Extractor Splitter:

1. **Connect HDMI Sources:** Plug your HDMI source devices (e.g., gaming console, media player) into the HDMI Input ports (HDMI 1-4) on the rear panel of the splitter. Ensure that your ARC/eARC compatible device is connected to HDMI 1.
2. **Connect to Display:** Connect an HDMI cable from the HDMI Output port on the splitter to the HDMI input on your TV or monitor.
3. **Connect Audio System (Optional):**
    - For digital audio, connect an optical cable from the Optical Audio Output to your soundbar or home

stereo.

- For analog stereo audio, connect RCA L/R cables from the RCA L/R Audio Output to your sound system.

4. **Connect Power:** Plug the included DC 5V power adapter into the DC 5V Input port on the splitter, then plug the adapter into a wall outlet. The Power Indicator LED on the front panel will light up.

5. **Power On Devices:** Power on all connected HDMI source devices and your TV/monitor.

Image: Diagram illustrating the connection of four HDMI devices to the splitter, and the splitter's output to a TV and audio system.

ARC/eARC Connect Diagram

Back of TV
(HDMI OUT with eARC/ARC)

You Can use button or IR remote to Operate ARC Function

Image: Diagram showing how to connect a TV's HDMI-ARC output to HDMI input 1 of the audio switch for ARC/eARC functionality.

6. OPERATING INSTRUCTIONS

Once your KAGO HDMI Audio Extractor Splitter is set up, operating it is straightforward:

- **Switching Inputs:**
  - **Manual Switching:** Press the 'Switch' button on the front panel to cycle through the HDMI input sources (IN 1 to IN 4). The corresponding Input Indicator LED will light up.
  - **Remote Control:** Use the included IR remote control to directly select an input (buttons 1-4) or cycle through inputs. Ensure the remote has a clear line of sight to the IR Receiver on the front panel.

- **Audio Extraction:** The splitter automatically extracts audio from the selected HDMI input.

- **ARC/eARC Function:** If using ARC/eARC, ensure your TV's HDMI-ARC output is connected to HDMI Input 1 on the splitter. The ARC/eARC indicator will be solid when active.

5.1CH 2.0CH audio output

your can choice any of 2 audio system

1 Audio Out: for 2.0L/R audio

2 Optical Out: 5.1 Ch Home Audio System

Image: The KAGO HDMI Audio Extractor Splitter with its remote control, illustrating two methods of switching inputs.

7. MEDIA INTEGRATION

The KAGO HDMI Audio Extractor Splitter is designed to seamlessly integrate with your existing audio-visual setup. Below is a video demonstrating the product's features and functionality.

Your browser does not support the video tag.

Video: Product description and overview of the KAGO HDMI Audio Extractor Splitter (4 in 1 out).

8. SPECIFICATIONS

- **Product Dimensions:** 8.6 x 4.2 x 1.1 inches
- **Item Weight:** 1.15 pounds
- **Item Model Number:** 5401
- **Color:** Black

- **Connector Type:** HDMI, RCA
- **Brand:** KAGO
- **Compatible Devices:** Blu-Ray Player, Camcorder, Camera, Laptop, Television
- **Cable Type:** HDMI

9. TROUBLESHOOTING

If you encounter any issues while using your KAGO HDMI Audio Extractor Splitter, please refer to the following common troubleshooting steps:

- **No Video/Audio Output:**
  - Ensure all HDMI cables are securely connected and are of high quality (HDMI 2.0 certified for 4K/HDR).
  - Verify the power adapter is correctly connected and the Power Indicator LED is on.
  - Check that the correct input source is selected on the splitter (via manual button or remote).
  - Confirm your TV/monitor is set to the correct HDMI input.

- **ARC/eARC Not Working:**
  - Ensure your TV's HDMI-ARC output is connected to HDMI Input 1 on the splitter.
  - Check your TV's audio settings to ensure ARC/eARC is enabled.
  - If the ARC/eARC indicator is flashing, there might be a connection or compatibility issue. Try a different HDMI cable.

- **Remote Control Not Responding:**
  - Ensure there are fresh batteries in the remote control.
  - Verify there is a clear line of sight between the remote and the IR Receiver on the splitter's front panel.

- **Picture Quality Issues (Flickering, Distortion):**
  - Try using shorter, higher-quality HDMI cables.
  - Adjust the EDID settings on the splitter using the DIP switches on the front panel (refer to the user guide for specific configurations).

10. WARRANTY & SUPPORT

KAGO is committed to providing high-quality products and excellent customer service. Your HDMI Audio Extractor Splitter comes with:

- **Lifetime Technical Support:** We offer lifetime technical support to assist you with any questions or issues you may encounter.
- **Friendly Customer Service:** Our dedicated customer service team is available to help you. We aim to resolve your problems within 24 hours.

If you have any questions or require assistance, please do not hesitate to contact us.