KAGO YZ-A022

KAGO HDMI Audio Extractor Splitter (Model YZ-A022) User Manual

Enhance your home theater audio experience.

INTRODUCTION

The KAGO HDMI Audio Extractor Splitter (Model YZ-A022) is designed to enhance your home theater experience by allowing you to extract audio signals from an HDMI source device or an HDMI-ARC/eARC capable display. It converts the extracted HDMI audio signal into an analog stereo (3.5mm), digital optical (SPDIF), or HDMI Audio format for ultimate flexibility with various audio systems. Additionally, it functions as a 2-in-1 HDMI switch, enabling you to connect two HDMI source devices to a single display.

PACKAGE CONTENTS

- 1x KAGO HDMI Audio Extractor Splitter (Model YZ-A022)
- 1x IR Remote Control
- 1x HDMI 2.0 Cable
- 1x SPDIF Optical Cable
- 1x USB Power Supply Cable
- 1x User Guide

PRODUCT FEATURES

- **HDMI Audio Extractor Splitter:** De-embeds digital audio signals from your HDMI source device or HDMI-ARC/eARC capable display. Converts extracted audio to analog stereo (3.5mm), digital optical (SPDIF), or HDMI Audio.
- **HDMI 2.0 8K@60Hz Support:** Supports resolutions up to 8K@60Hz, with backward compatibility for 4K@120Hz, 2560x1440@120Hz, and 1920x1080@240Hz. Compatible with 3D, UHD, and HDCP2.2 signals.
- **Fast and Stable Transmission:** Features an industry-leading IC chip providing 18Gbps bandwidth. USB powered design ensures stable video transmission and optimal performance. Supports HDMI 2.0b, HDCP 2.2, and HDR10.
- **Versatile Audio Output Options:** HDMI audio extraction for 7.1CH, SPDIF for 5.1CH, and 3.5mm output for 2CH L/R stereo.
- **HDMI Switch 2 in 1 Out:** Allows switching between two HDMI source devices to a single display. Includes an IR

remote control for convenient switching and manual button control. LED indicators show the active port.

- **Wide Compatibility:** Compatible with various HDMI source devices such as Blu-ray players, DVD players, HD players, cable/satellite boxes, Amazon Fire TV, Apple TV, PS3/PS4/PS4 Pro/PS5, Nintendo Switch, Xbox consoles, PCs/laptops, HD cameras, Fire Stick, Roku, and HD DVRs. Audio output is compatible with speakers, amplifiers, soundbars, and other sound systems.

PRODUCT DIAGRAM

This diagram illustrates how the KAGO HDMI Audio Extractor Splitter integrates into a home cinema setup, allowing two HDMI source devices to share a single TV display and an external audio system. HDMI inputs 1 and 2 connect to source devices like a PlayStation 5 and Apple TV. The HDMI Out connects to the television, while Audio Out, Optical Out, or HDMI Audio Out connect to various audio systems such as headphones, soundbars, or a 7.1 channel home theater receiver.

The rear panel of the KAGO HDMI Audio Extractor Splitter features the following ports: Audio Out (3.5mm jack), Optical Out (SPDIF), HDMI Audio Out, HDMI Out, HDMI IN 2, HDMI IN 1, and DC/5V power input. These ports facilitate connections for various audio and video devices.

The front panel includes an IR receiver, Power LED, input indicator LEDs (IN 1, IN 2), eARC/ARC Pass LED, audio mode LEDs (2.0CH, 5.1CH), and control buttons: SW HDMI (Switch HDMI input), SW AUDIO (Switch audio mode), and eARC/ARC (Activate/Deactivate ARC/eARC).

SETUP INSTRUCTIONS

1. **Connect HDMI Source Devices:** Connect your HDMI source devices (e.g., Blu-ray player, gaming console, streaming box) to the HDMI IN 1 and/or HDMI IN 2 ports on the KAGO HDMI Audio Extractor Splitter using high-quality HDMI cables.

2. **Connect to Display:** Connect the HDMI OUT port of the KAGO HDMI Audio Extractor Splitter to the HDMI input port of your TV or display using an HDMI cable.

3. **Connect Audio System:** Choose one of the following audio output options to connect to your audio system:

   - For 2.0CH stereo audio, connect a 3.5mm audio cable from the AUDIO OUT port to your headphones or stereo speakers.
   - For 5.1CH digital audio, connect an optical (SPDIF) cable from the OPTICAL OUT port to your soundbar or AV receiver.
   - For 7.1CH audio, connect an HDMI cable from the HDMI AUDIO OUT port to your AV receiver or home theater system.

4. **Connect Power:** Connect the included USB power supply cable to the DC/5V port on the KAGO HDMI Audio Extractor Splitter and plug the other end into a USB power adapter (not included) or a USB port on your TV/device. Ensure the device receives stable power for optimal performance.

5. **Power On:** Power on all connected devices (source, display, audio system, and the KAGO HDMI Audio Extractor Splitter).

OPERATING INSTRUCTIONS
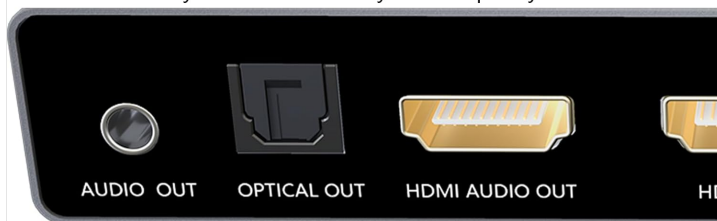
Two ways to Switch

1 Button

2 IR Remote

Inputs can be switched using the 'SW HDMI' button on the device's front panel or via the included IR remote control. The remote allows direct selection of inputs and audio modes.

Switching HDMI Inputs

- **Using the Device Button:** Press the **SW HDMI** button on the front panel to cycle between HDMI IN 1 and HDMI IN 2. The corresponding LED indicator (IN 1 or IN 2) will illuminate.

- **Using the IR Remote Control:** Point the IR remote control at the device and press the **1** or **2** button to directly select HDMI IN 1 or HDMI IN 2, respectively.

Selecting Audio Output Modes

7.1CH 5.1CH 2.0CH audio output
your can choice any of 3 output systema

AUDIO OUT   OPTICAL OUT   HDMI AUDIO OUT   HD

1 Audio Out: for 2.0L/R audio

3 HDMI Audio Out:
7.1 Ch Home Audio System

2 Optical Out: 5.1 Ch Home Audio System

The KAGO HDMI Audio Extractor Splitter offers flexible audio output options: 1. 3.5mm Audio Out for 2.0L/R stereo audio (e.g., headphones or small speakers). 2. Optical Out for 5.1CH home audio systems (e.g., soundbars with surround speakers). 3. HDMI Audio Out for 7.1CH home audio systems (e.g., AV receivers with full surround sound setups).

- **Using the Device Button:** Press the **SW AUDIO** button on the front panel to cycle through the audio output

modes: 2.0CH, 5.1CH, and Pass. The corresponding LED will illuminate.

- **Using the IR Remote Control:** Press the **2.0**, **5.1**, or **Pass** button on the remote to select the desired audio mode.
- **Audio Mode Descriptions:**

  - **2.0CH:** Outputs stereo audio via the 3.5mm Audio Out.
  - **5.1CH:** Outputs 5.1 channel audio via the Optical Out (SPDIF).
  - **Pass:** Passes through the original HDMI audio format to the HDMI Audio Out, supporting up to 7.1CH.

ARC/eARC Functionality

For ARC/eARC functionality, connect the HDMI-ARC/eARC output port of your television to the HDMI IN 1 port of the KAGO HDMI Audio Extractor Splitter. Audio can then be extracted to headphones, a soundbar, or a home theater system via the Audio Out, Optical Out, or HDMI Audio Out ports.

The new TV supports HDMI 2.0 or HDMI 2.1(4K@60Hz or 8K@60Hz), if the HDMI output has eARC/ARC mark,You can use and enjoy eARC/ARC(Enhanced Audio Return Channel),high-quality audio

You Can use button or IR remote to Operate ARC Function

The eARC/ARC function can be activated or deactivated using the dedicated 'eARC/ARC' button on the device's front panel or the 'ARC' button on the IR remote control. This allows for audio return channel functionality with compatible televisions.

- To use ARC/eARC, connect your TV's HDMI-ARC/eARC output port to the **HDMI IN 1** port on the KAGO HDMI Audio Extractor Splitter.
- Ensure your TV's audio settings are configured to enable ARC/eARC.
- Press the **eARC**/**ARC** button on the front panel or the **ARC** button on the IR remote control to activate or deactivate the ARC/eARC function. The eARC/ARC Pass LED will indicate its status.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No video or audio output.	Loose connections, no power, incorrect input selected.	Check all HDMI and power cable connections. Ensure the USB power supply is connected and providing power. Verify that the correct HDMI input (IN 1 or IN 2) is selected on the splitter.
Audio is not working or incorrect format.	Incorrect audio mode selected, incompatible audio system.	Press the **SW AUDIO** button or use the remote to select the appropriate audio mode (2.0CH, 5.1CH, Pass) for your audio system. Ensure your audio system supports the selected format.
ARC/eARC function is not working.	Incorrect connection, TV ARC/eARC not enabled.	Ensure your TV's HDMI-ARC/eARC output is connected to the **HDMI IN 1** port of the splitter. Check your TV's audio settings to confirm ARC/eARC is enabled. Activate ARC/eARC on the splitter using the dedicated button or remote.
Video quality issues (e.g., no HDR10, 8K@60Hz).	Non-certified HDMI cables, source/display incompatibility.	Use certified HDMI 2.0 or higher cables for 4K@60Hz, 8K@60Hz, and HDR10 compatibility. Ensure all connected devices (source, splitter, display) support the desired resolution and features.
IR remote control not responding.	Battery depleted, obstructed signal path.	Replace the remote control battery. Ensure there are no obstructions between the remote and the IR receiver on the splitter's front panel.

SPECIFICATIONS

- **Model Number:** YZ-A022
- **Product Dimensions:** 5.4 x 2.55 x 0.86 inches (13.7 x 6.5 x 2.2 cm)
- **Item Weight:** 14.4 ounces (408 grams)
- **HDMI Version:** HDMI 2.0b
- **HDCP Version:** HDCP 2.2
- **Max Resolution Support:** 8K@60Hz, 4K@120Hz, 2560x1440@120Hz, 1920x1080@240Hz
- **Bandwidth:** 18Gbps
- **Audio Output:** 3.5mm (2.0CH), Optical (5.1CH), HDMI Audio Out (7.1CH)
- **Power Supply:** DC 5V (via USB)
- **Compatible Devices:** Blu-Ray Player, Camera, DVD Player, Gaming Console, Personal Computer, Projector,

Television

- **Number of HDMI Input Ports:** 2

Maintenance

To ensure the longevity and optimal performance of your KAGO HDMI Audio Extractor Splitter, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or abrasive materials, which can damage the surface or internal components.
- **Environment:** Keep the device in a dry, well-ventilated area, away from direct sunlight, high temperatures, humidity, and dust.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Power:** Always disconnect the power supply before cleaning or if the device will not be used for an extended period.

Warranty and Support

KAGO provides lifetime technical support and friendly customer service for this product. If you encounter any issues or have questions, please contact our customer support team. We are committed to resolving your problem within 24 hours.

For support, please refer to the contact information provided in your product packaging or visit the official KAGO website.