HDMI 2.1 eARC Audio Extractor with 3port HDMI switcher

Incorporates HDMI® technology

- HDMI eARC, Optical and 3.5mm audio output

HDMI 2.1(eARC) / HDCP 2.3

Model: HDA-935

INTRODUCTION

The OREI HDA-935 is a video and audio separated converter with two sets of HDMI outputs, one for TV 4K@60/HDR video and audio signals, another for eARC Soundbar, and S/PDIF and analog 3.5mm stereo interface outputs.

1. Build-in three HDMI port, can support 4K@60, HDR, quick switching.

2. Video and audio separation function, simultaneous output of a set of HDMI 4K@60/HDR video and audio to the TV, a set of HDMI (eARC) to the Soundbar or Amplifier, and support S/PDIF(Optical), Analog(stereo 3.5mm) interface.

3. The TV signal can be transmitted back to Soundbar (eARC) via eARC (ehanced Audio Return Channel) to play high-quality surround sound.

4. Non-eARC function TV can enjoy the high-quality of eARC audio return.

5. Built-in eARC automatically detect the source of the signal (TV or external signal)

CONTENTS OF PACKAGE

- 1 x Main Unit
- 1 x DC 5V/1A power adaptor
- 1 x 3.5mm to RL cable
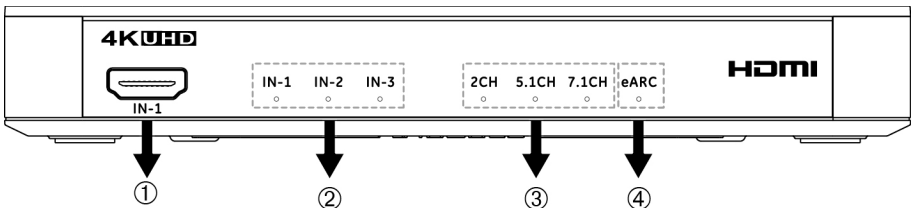- 1 x Remote control
- User Manual

FEATURES

- 3 inputs for multiple source switch
- Auto eARC detection when using the TV's app or external devices
- Supports HDMI audio interface (HDMI_eARC)
- Supports 4K@60 HDR
- Compatible Dolby Atmos (via HDMI)
- Supports Pixel clock rate up to 600 MHz
- Supports digital S/PDIF audio output (optical)
- Supports analog audio output (3.5mm)
- Supports DTS HD, Dolby TrueHD (via HDMI)
- HDMI 2.0 /2.1(eARC) / HDCP 2.3 compliant
- Three modes selection for audio format setting (2ch/ 5.1ch/ 7.1ch)
- Supports CEC (Use the TV RC to adjust the Soundbar sound and CEC connecting device power on/off)
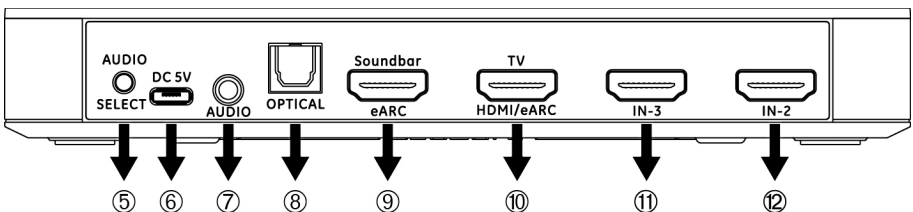

INSTALLATION CONSIDERATIONS

1. **Please connect the cables to all devices first. (refer to "CONNECTION" section)**
2. **After the connection is complete, connect the power of each device and turn on the power**
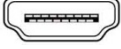

I/O INTERFACE

[Front]

[Back]

2

OREI

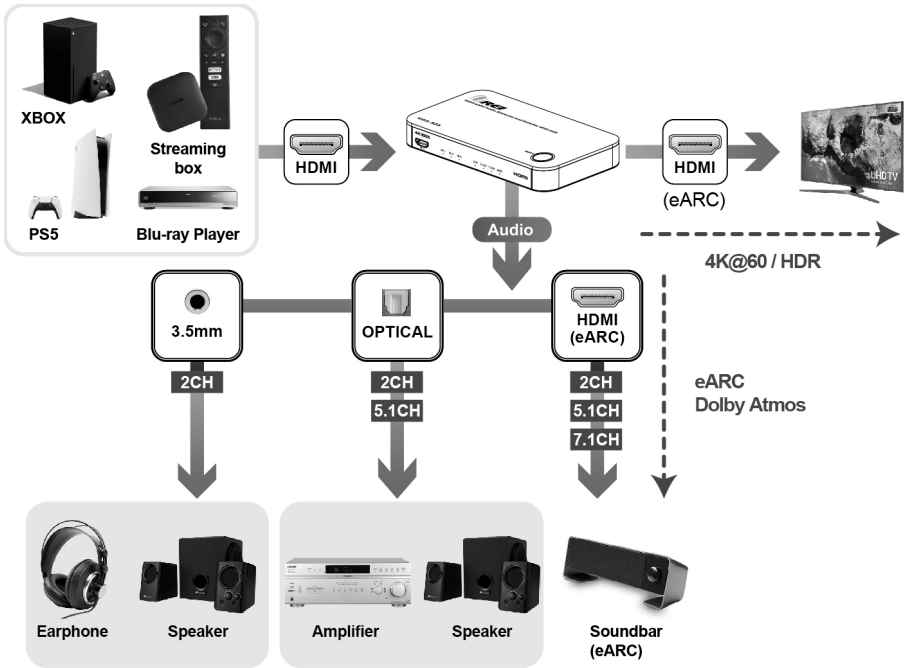HDMI eARC Audio Extractor and Switcher 4K60 HDR

SELECT

HDA-935

⑬

① Connect external source, IN-1

② HDMI input select Indication LED
   Default : IN-1

③ Audio select Indication LED
   The Audio select light position is
   displayed.
   *Audio Format select
   (2CH > 5.1CH > 7.1CH) with ⑤ key
   Default : 2CH

④ eARC Indication LED
   light on : eARC Audio signal from TV
   light off : eARC Audio signal from
   external source
   Default : eARC Audio signal from
   external source

⑤ Audio Format select key
   (2CH / 5.1CH / 7.1CH)

⑥ Connect power adaptor
   (microUSB)

⑦ Connect Analog 3.5mm stereo audio
   device

⑧ Connect Optical audio device

⑨ Connect Soundbar or Amplifier with
   eARC(or ARC) port

⑩ Connect TV (HDMI port) or
   (HDMI_eARC port)

⑪ Connect external source, IN-3

⑫ Connect external source, IN-2

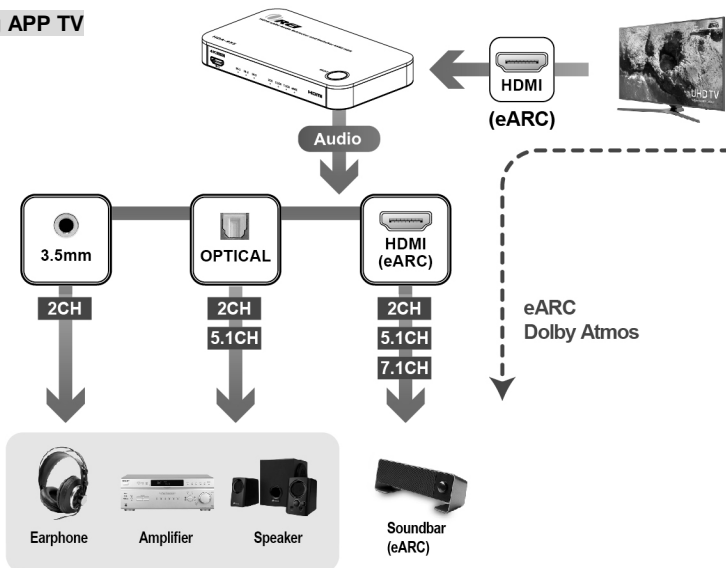⑬ Switch button

AUDIO INTERFACE TABLE

Audio Output	Icon	Support audio formats (channel)		
		2CH	5.1CH	7.1CH
HDMI_eARC		◎	◎	◎
S/PDIF(Optical)		◎	◎	
Stereo 3.5mm (Analog)		◎		

External Source

XBOX

Streaming box

PS5

Blu-ray Player

HDMI

HDMI (eARC)

Audio

4K@60 / HDR

3.5mm

OPTICAL

HDMI (eARC)

2CH

2CH
5.1CH

2CH
5.1CH
7.1CH

eARC
Dolby Atmos

Earphone **Speaker** **Amplifier** **Speaker** **Soundbar (eARC)**

Streaming APP TV

HDMI (eARC)

Audio

3.5mm

OPTICAL

HDMI (eARC)

2CH

2CH
5.1CH

2CH
5.1CH
7.1CH

eARC
Dolby Atmos

Earphone **Amplifier** **Speaker** **Soundbar (eARC)**

CONNECTION

Connection external source

Step 1. Connect the HDMI cables from the external HDMI source devices to the input port IN1 ~ IN3 of the HDA-935.

Step 2. Connect the HDMI cable from your TV to the output port TV(HDMI/eARC) of the HDA-935.

Step 3. Connect HDMI cable(with eARC function) or Optical cable or 3.5mm audio cable from Audio System (Soundbar, Amplifier, Speaker...) to the output port Soundbar(eARC) or OPTICAL or AUDIO of the HDA-935.

Step 4. Set the audio format select AUDIO SELECT to 2CH or 5.1CH or 7.1CH (by audio system).

Step 5. Connect the DC 5V/1A power adaptor to the microUSB DC 5V of HDA-935.

Step 6. After you finish the connection, one of the audio format indication LED (green) and HDMI input select Indication LED will turn on

Connection streaming APP TV

Step 1. Connect the HDMI cables from the TV(with ARC function) to the output port TV(HDMI/eARC) of the HDA-935.

Step 2. Connect HDMI cable(with eARC function) or Optical cable or 3.5mm audio cable from Audio System (Soundbar, Amplifier, Speaker...) to the output port Soundbar(eARC) or OPTICAL or AUDIO of the HDA-935.

Step 3. Connect the DC 5V/1A power adaptor to the microUSB DC 5V of HDA-935.

Step 4. After you finish the connection, one of the audio format indication LED (green) and HDMI input select Indication LED will turn on.
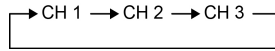
Notes.

● eARC auto detect function default value is external source.

● When the streaming APP TV is successfully connected, the eARC indication LED (green) will turn on.

OPERATION OPTION

● Manual Operation mode

Press "SELECT" button to cycle through each of the inputs. When you select the channel, there will be a LED on to present the channel. If you select channel 1, the "1" LED will light on.
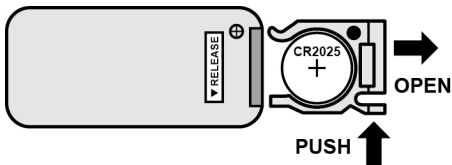
CH 1 ⟶ CH 2 ⟶ CH 3

● Remote control

Push number button 1~3 on the Remote Control
to switch between 3 source devices.

REPLACE REMOTE CONTROL BATTERY

1. Remove the screw from the back of the remote control.

2. Push in the tab on the battery tray, then pull out the tray.

3. Remove the old battery. Insert a new CR2025 battery with the + facing up, then replace the back cover along with the screw.

TROUBLE SHOOTING

1. When there is no picture presented, please:

- Make sure the direct connection from the source device to the display device without the main unit is working.
- Check if all connectors are connected properly; and check if all cables can support the transmission speed. High Speed HDMI cables are recommended.
- Check the power of main unit.

2. When resolution could not show in 4K.

- Make sure your sources and displays are fully supporting 4K.
- Make sure your HDMI cables are capable of transmitting 4K video signal.(Use Premium HDMI cable)

3. When there is no audio by audio system

- Make sure your audio system power is turned on and select correct source position.
- Make sure your audio cable is connected and non-destructive.
- Make sure the HDA-935 audio select position matches the sound device.

NOTICE

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8