

OZV8E

1-Port 1X1 HDMI Converter 7.1CH ATMOS & ARC / eARC

USER MANUAL

Fighting for The Dream

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.



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1. Introduction

The 18Gbps HDMI eARC audio extractor supports dedicated HDMI output for extracting audio only. It allows user to use the existing AV Receiver to receive 4Kx2K@60Hz, HDCP 2.3 content audio. The product also supports HDMI loop out, as well as 10bits HDR (High Dynamic Range) pass-through and eARC / ARC.

2. Specifications

Technical:	
HDMI Compliance:	HDMI 2.0b.
HDCP Compliance:	HDCP 2.3.
Video Bandwidth:	18Gbps.
Video Resolution:	Up to 4K@60Hz RGB 8:8:8.
Color Depth:	8-bit, 10 bit, 12 bit (1080p@60Hz). 8-bit (4Kx2k@60Hz RGB 8:8:8 / YUV 4:4:4). 8-bit, 10-bit, 12-bit (4Kx2K@60Hz YCbCr 4:2:2 / 4:2:0).
Color Space:	RGB 8:8:8, YCbCr 4:4:4 / 4:2:2 / 4:2:0.
HDMI Audio Formats:	PCM 2.0, LPCM 5.1/ 7.1, Dolby Digital, Dolby Digital plus, Dolby True HD, Dolby Atmos, DTS 5.1, DTS ES 6.1, DTS HRA, DTS HD Master, DTS:X
SPDIF Output:	LPCM2.0/ 5.1, Dolby Digital 2.0/ 5.1, DTS2.0/ 5.1.
Coaxial Output:	LPCM 2.0/ 5.1, Dolby Digital 2.0/ 5.1, DTS 2.0/ 5.1.
3.5mm Jack Output:	Analog stereo 2.0ch.

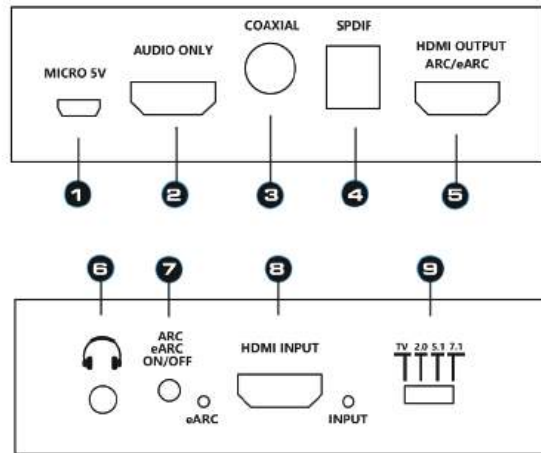
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3. Application Example



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4. Operation Controls and Functions Panel



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NO.	Name	Function Description
1.	DC 5V.	1) DC 5V power supply port. 2) Firmware update port.
2.	AUDIO ONLY.	1) HDMI Audio output port. 2) Connect to amplifier or speaker.
3.	COAXIAL.	LPCM2.0 / 5.1, Dolby Digital 2.0 / 5.1, DTS2.0 / 5.1.
4.	SPDIF.	LPCM2.0 / 5.1, Dolby Digital 2.0 / 5.1, DTS2.0 / 5.1.
5.	HDMI OUTPUT- eARC / ARC .	1) TV eARC / ARC audio output port. 2) Connect to TV with ARC function.
6.	3.5MM JACK.	Analog stereo 2.0ch.
7.	eARC SWITCH.	The switch is used to turn on/off the eARC function: - Switch to "ON" position, the AUDIO OUT2 port will output the eARC / ARC audio; - Switch to "OFF" position, the AUDIO OUT2 port will output the audio from HDMI IN port.
8.	INPUT PORT.	1) HDMI signal input port. - 2) Connect to HDMI source device.
9.	TV/2.0/5.1/7.1 SWITCH.	4 speed toggle switch to switch TV/2.0/5.1/7.1 audio format. (Please see the next page for details).

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5. Detailed Description

TV: In TV Mode, the HDMI output signal is in TV Copy Mode, so the output resolution will be based on the EDID displayed on the TV, HDMI Audio Extract output will also extract audio, 2.0ch audio signal in 3.5mm port and SPDIF 5.1ch audio output in SPDIF port.

2.0CH: In 2.0ch Mode, HDMI Audio Extract output signal will be output on 3.5mm port, the audio format of HDMI Audio Output and SPDIF port output are both 2.0ch PCM format.

5.1CH: In 5.1ch Mode, the HDMI Audio Extract output signal will be output on the HDMI Audio Output and SPDIF port. (NOTE: 3.5mm Audio port does not support 5.1ch; In 5.1ch Audio format, please disconnect the 3.5mm port)

7.1CH: In 7.1ch Mode, the Audio format is LPCM. The HDMI Audio Extract output signal will be output on the HDMI Audio Output. (Note: If the TV or monitor does not support 7.1ch, there will be no Audio signal.)

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6. Product Parameters

Connection	
Input.	1 x HDMI Type A [19-pin female].
Output.	2 x HDMI Type A [19-pin female].
Mechanical	
Housing.	Aluminium Enclosure.
Color.	Black.
Dimensions.	98mm[W] x 60mm[D] x 29mm[H].
Weight.	125g.
Power Supply.	DC 5v/1000mA
Power Consumption.	1.75W (Max).
Operation Temperature.	32 - 104°F / 0 - 40°C.
Storage Temperature.	-4 - 140°F / -20 - 60°C.
Relative Humidity.	20 - 90% RH (no condensation).

7. Package Contents

- 1 x 18Gbps HDMI eARC Extractor
- 1 x Power Adapter
- 1 x USB Cable (USB-A to Micro USB)
- 1 x User Manual

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