

Model : ATZ VC-HDMI-V2-HDMI+AUDIO

Description : HDMI v2.0 18Gbps Audio Extractor with HDCP 2.3



The HDMI 18Gbps Audio Extractor could extract audio signals from any HDMI compliant source to digital optical or analog stereo L/R audio outputs. Further, both input and output HDMI support video resolution up to 4K2K@50/60Hz (YUV444). It supports 10bits HDR (High Dynamic Range) pass through and HDMI high resolution digital audio formats bypass, LPCM 2CH, Dolby TrueHD, Dolby Digital Plus, Dolby Atmos and DTS-HD Master Audio, audio sampling rate up to 192 kHz. HDCP 2.3 and CEC bypass are supported.

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Features:

- HDMI 2.0b (18Gbps), HDCP 2.3 and DVI compliant
- Video resolutions up to 4K2K@50/60Hz (YUV444)
- Extracts HDMI audio to multi-channel optical (SPDIF) or L/R analog audio
- Optical audio supports LPCM 2CH, Dobby Digital 2/5.1CH, DTS 2/5.1CH
- Supports HDMI High Bit Rate(HBR) audio pass through
- Audio sample rates up to 192kHz
- 10bits HDR (High Dynamic Range) pass through
- Supports CEC bypass

Specifications:

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.3 and HDCP 2.2
Video Bandwidth	18 Gbps
Video Resolutions	up to 4K2K@50/60Hz(YUV4:4:4),4K2K@30Hz,1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Optical Audio Formats	LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1CH, DTS 2/5.1CH
L/R Audio Formats	Analog Stereo 2CH
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	

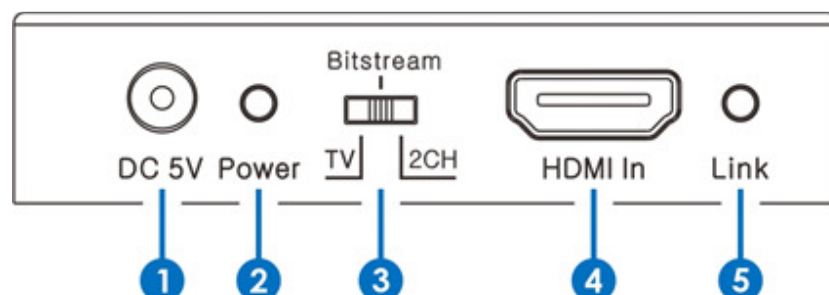
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Inputs	1x HDMI Type A [19-pin female]
Outputs	1x HDMI Type A [19-pin female] 1x L/R Audio Out [3.5mm Stereo Mini-jack] 1x Optical Out [S/PDIF]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	73.5mm [W] x 60.7mm [D] x 17mm [H]
Weight	130g
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	1W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

Operation Controls and Functions:

Front Panel

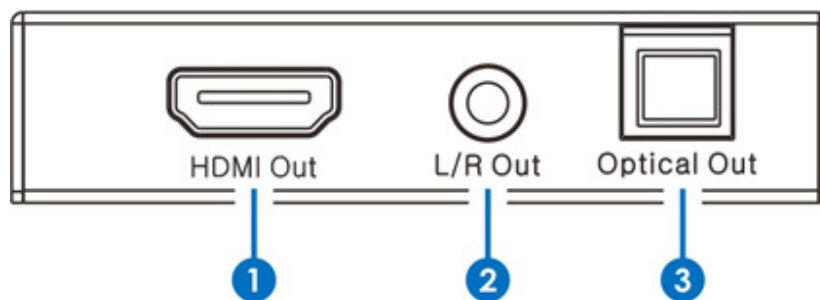


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- 1 **DC 5V:** Connect 5V/1A adaptor to AC wall outlet for power supply.
- 2 **Power LED:** System power indicator.
- 3 **TV / Bit Stream / 2CH:** This allows users to select audio format according to TV, Bit Stream or LPCM 2CH.
- 4 **HDMI In:** Connect this to HDMI source devices such as Blu-ray or PS4 player
- 5 **Link LED:** The LED will illuminate when detected HDMI input signal.

Rear Panel



- 1 **HDMI Out:** Connect to HDMI display devices such as TV/Projector.
- 2 **L/R Out:** Connect to audio amplifier or TV L/R audio input port.
- 3 **Optical Out:** Connect to audio amplifier optical audio input port.

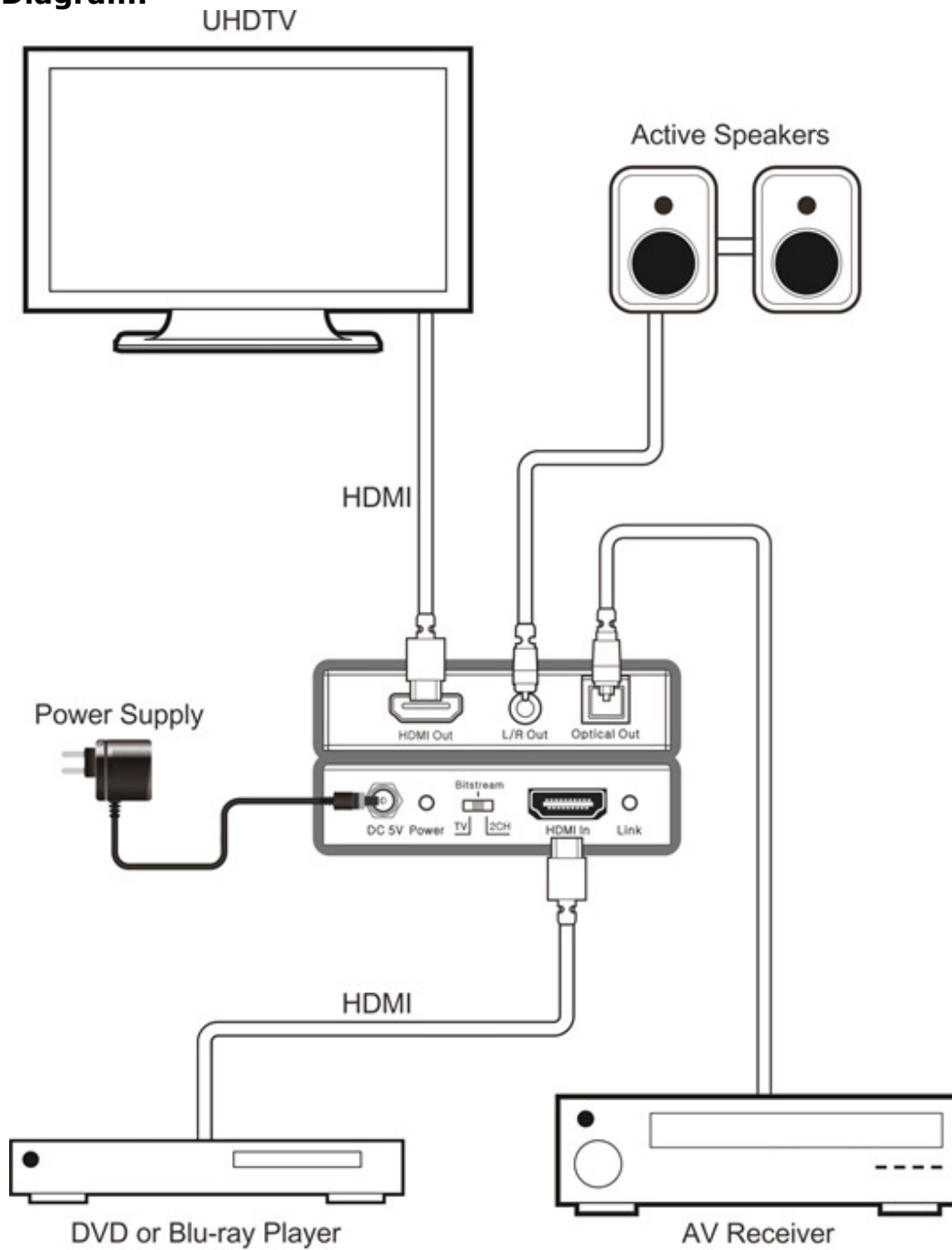
Package Includes:

- 1 x HDMI 18Gbps Audio Extractor
- 1 x 5V/1A Power Adaptor
- 1 x User Manual

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Product Diagram:



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Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.