

# HEXA Pro HDMI 2.0 Audio Extractor with Downmixing



The **HEXA Pro** extract audio signals from any HDMI compliant source to digital optical or analog stereo L/R audio outputs. For maximum flexibility, HEXA Pro audio extractor also supports bitstream audio down-mix to analog stereo output and keeps optical and HDMI out audio pass-through. Both input and output of HDMI supports video resolutions up to 4K2K@50/60Hz 4:4:4, 10bits HDR (High Dynamic Range) pass through, 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 2.2 and CEC bypass are supported.

## Key Features

- HDMI 2.0b (18Gbps), HDCP 2.2 and DVI compliant
- Video resolutions up to 4K2K@50/60Hz (YUV444)
- Extracts HDMI audio to multi-channel optical (SPDIF) or L/R analog audio
- HDMI Pass-through audio input to HDMI and optical audio output
- Supports bitstream audio down-mix to L/R analog output
- 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 96kHz
- 10bits HDR (High Dynamic Range) pass through
- Supports CEC pass-through

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## Technical Specifications

HDMI COMPLIANCE	HDMI 2.0b
HDCP COMPLIANCE	HDCP 2.2 and HDCP 1.4
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 AUDIOFORMATS	LPCM 2CH,LPCM 5.1,Dolby Digital 2/5.1CH, DTS2/5.1CH
L/R AUDIO FORMATS	Analog Stereo 2CH
ESD PROTECTION	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)

## Connections

INPUTS	1x HDMI Type A [19-pin female]
OUTPUTS	1x HDMI Type A [19-pin female] 1x L/R AudioOut [RCA] 1x Optical Out [S/PDIF]

## Mechanical

HOUSING	Metal Enclosure
COLOR	Black
PRODUCT DIMENSIONS	2.9 x 2.4 x 0.8 (73.5mm x 60.7mm x 20mm)
PRODUCT WEIGHT	0.3 lbs (135g)
POWER SUPPLY	Input: AC100 - 240V 50/60Hz Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
POWER CONSUMPTION	1.25W(Max)
OPERATION TEMPERATURE	32 - 104°F / 0 - 40°C
STORAGE TEMPERATURE	-4 - 140°F / -20 - 60°C
RELATIVE HUMIDITY	20 - 90% RH (no condensation)

## Warranty

WARRANTY	Limited Warranty (3-Years)
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