

4K HDMI Audio Decoder & Down Mixer with Dolby/DTS

Decode & Down-Mix Dolby/DTS Bitstream to Analog Stereo — 18Gbps 4K60 4:4:4 HDR Pass-Through with Optical & RCA Output

MPN: AUD-DCODEHDMI-4K



The KanexPro AUD-DCODEHDMI-4K extracts audio from any HDMI source and decodes Dolby Digital, Dolby TrueHD, DTS, and DTS-HD Master Audio bitstreams down to 2-channel analog stereo via RCA L/R output. Optical S/PDIF delivers up to 5.1-channel Dolby Digital or DTS. Full 4K60 4:4:4 HDR video passes through to the display untouched.

Front-panel TV/Bitstream/2CH switch with LED decode status. HDMI 2.0b, HDCP 2.2, CEC bypass. Compact metal enclosure, 5V/1A powered.

Dolby/DTS Decode Bitstream down-mix to 2CH stereo	4K60 4:4:4 HDR 18Gbps video pass-through	Triple Output HDMI + Optical + RCA L/R	3-Mode Switch TV / Bitstream / 2CH	HDCP 2.2 Protected content support
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KEY FEATURES

- HDMI 2.0b (18Gbps), HDCP 2.2, and DVI compliant
- Video resolutions up to 4K2K@50/60Hz (YUV 4:4:4)
- Extract HDMI audio to optical (S/PDIF) or analog stereo L/R
- Dolby/DTS bitstream decode and down-mix to 2CH analog
- Optical supports LPCM 2CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH
- HDMI High Bit Rate (HBR) audio pass-through up to 192kHz
- 10-bit HDR pass-through with CEC bypass

SPECIFICATIONS

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.4
Video Bandwidth	18Gbps
Video Resolutions	4K2K@50/60Hz (YUV 4:4:4), 4K2K@30Hz, 1080P@120Hz, 1080P 3D@60Hz
HDMI Audio Pass-through	LPCM 2/5.1/7.1, Dolby Digital/DD+/TrueHD/Atmos, DTS 5.1/DTS-HD MA/DTS:X
Optical Audio	LPCM 2CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH
L/R Audio	Analog Stereo 2CH (decoded down-mix)
Inputs	1× HDMI Type A [19-pin]
Outputs	1× HDMI Type A, 1× Optical [S/PDIF], 1× L/R [RCA]
Dimensions	73.5mm (W) × 60.7mm (D) × 20mm (H)
Power	DC 5V/1A (AC 100–240V adapter, CE/FCC/UL)

PACKAGE CONTENTS

1× HDMI 18Gbps Audio Extractor • 1× 5V/1A Power Adapter • 1× User Manual



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