

Dolby Licensed UltraHD Audio Decoder

Extract multi-channel audio from HDMI

MPN: CON-AUDXTRACT



4K
ULTRAHD

The **KanexPro HDMI Audio Decoder** is our next generation of audio converter designed to extract the encoded multi-channel LPCM, Dolby Digital 5.1, DTS-HD 5.1 from HDMI sources to optical audio output and decode to 2-channel analog stereo audio via RCA (L/R) and COAX outputs without any other external AV equipment.

Licensed by Dolby Labs, this audio extractor is HDCP 2.2 compliant and also supports 4K pass-through resolutions when connected to a 4K sources and display.

Content from multi-channel sources such as Blu-ray players, set-top boxes and game consoles can be spread to multi-channel and two-channel-capable zones simultaneously, ensuring compatibility, reducing system complexity and eliminating the expense of separate dedicated sources for each zone and you can listen to digital audio sources such as DVD and CD players or digital computer audio on your legacy analog sound system, preserving your current investment in AV systems.

FEATURES

- De-embeds HDMI audio output simultaneously to Stereo and S/PDIF
- Converts 2CH from 24-bit up to 192 kHz audio
- HDCP 2.2 compliant
- Supports 3D & CEC pass-through
- Supports selectable audio through switching
- Audio: 2.0CH/5.1CH selection through
- HD resolution to full 1080p/60
- Supports data rates up to 6.75Gbps
- Automatic cable input equalization
- Supports Color Depth up to 12-bit per channel (36-bit all channels)
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital

SPECIFICATIONS

Input/Output Connectors

- **Input Connector:** HDMI type A
- **Output Connector:** HDMI type A, 1x Optical, 1x Coaxial (Black RCA connector), 1x L/R Stereo

Video specifications:

- Deep Color: 8/10/12/16 Bit at 1080p and 2160p/60
- HDMI resolution: up to 4Kx2K@60Hz
- HDMI Embedded Audio: PCM ,Dolby Digital, Dolby TrueHD, DTS,DTS-HD
- Decoded Audio: PCM2.0
- HDMI cable max length: ≤15m AWG24 HDMI standard cable

Signal Equalization:

- 15 meters via HDMI cable supports up to HD 1080p/60
- 8 meters via HDMI cable supports up to 4K/60

Supported Audio Formats & Specifications:

HDMI Out:

- LPCM 2.0CH: 24bit/20bit/16bit, 192kHz/176kHz/96kHz/88kHz/48kHz/44.1kHz/32kHz
- AC3 5.1ch, 48kHz/44.1kHz/32kHz
- DTS 5.1ch, 48kHz/44.1kHz
- One bit audio 5.1ch, 44.1kHz

Toslink(SPDIF)Out:

- Supports LPCM 2.0CH@ 24bit/20bit/16bit, 192kHz/176kHz/96kHz/88kHz/48kHz/44.1kHz/32kHz

- AC3 5.1ch, 48kHz/44.1kHz/32kHz
- DTS 5.1ch, 48kHz/44.1kHz
- One bit audio 5.1ch, 44.1kHz

Operating Frequency:

- **Vertical Frequency Range:** 50/60Hz
- **Video Amplifier Bandwidth:** 6.75 Gbps total bandwidth

Power Requirements

- **Power Supply:** Input: AC (50HZ, 60HZ) 100V-240V; Output: DC12V/1A
- **Power Consumption (Max):** 4.5W

Environmental

- **Operating Temperature:** -10°C to +55°C
- **Operating Humidity:** 10% to 90% RH (No Condensation)
- **Storage Temperature:** 10°C to 90°C
- **Storage Humidity:** 5% to 90% RH (No Condensation)

Regulatory Approvals:

- **Converter Unit:** FCC,CE, UL
- **Power Supply:** FCC,CE, UL

Dimensions:

- WxHxD: 5.1" x 0.86"x3.0"
- Weight: 0.37 lbs (172g)

Limited Warranty: 3-Year Parts & Labor