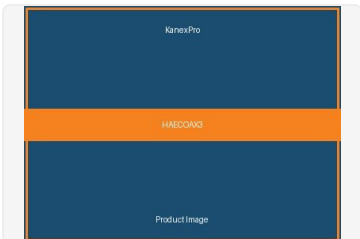


18Gbps 4K HDMI Audio Extractor with Dolby Atmos

De-embed 4K HDMI Audio to Optical and Analog with Selectable Audio Modes

HAECOAX3

The KanexPro HAECOAX3 is a 3rd-generation 4K HDMI audio extractor built for integrators who need reliable, format-flexible audio de-embedding from any HDMI 2.0 source. With 18Gbps bandwidth and full HDMI 2.0b compliance, it passes 4K@60Hz 4:4:4 video with 10-bit HDR transparently while simultaneousl...



18Gbps
HDMI 2.0b full BW

4K@60Hz
YUV 4:4:4 pass-thru

Dolby Atmos
DTS:X supported

3-Mode Switch
TV/Bitstream/2CH

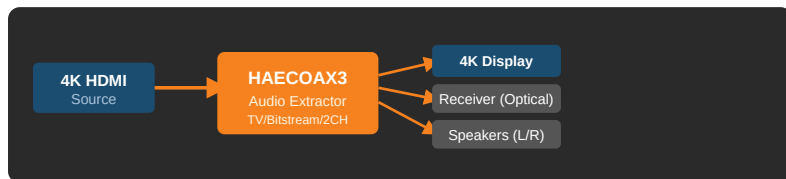
192kHz
LPCM uncompressed

Compact
73×60×17mm metal

KEY FEATURES

- ▶ 4K/60 HDMI audio extractor with Dolby Atmos and DTS:X support
- ▶ 18Gbps bandwidth — full HDMI 2.0b specification compliance
- ▶ Video resolutions up to 4K@50/60Hz (YUV 4:4:4), 4K@30Hz, 1080P@120Hz, 1080P 3D@60Hz
- ▶ 10-bit HDR (High Dynamic Range) pass-through for wide color gamut
- ▶ Supports HDMI High Bit Rate (HBR) audio pass-through
- ▶ De-embeds audio to multi-channel digital via Toslink S/PDIF or analog L/R
- ▶ Front-panel 3-position switch: TV / Bitstream / LPCM 2CH audio mode selection
- ▶ HDMI audio output: PCM 2/5.1/7.1CH, Dolby 5.1, DTS 5.1, Dolby TrueHD, DTS-HD MA
- ▶ Optical audio output: LPCM 2CH, LPCM 5.1CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH
- ▶ Supports uncompressed LPCM audio — converts 2CH from 24-bit up to 192kHz
- ▶ HDCP 2.2 compliant with automatic input cable equalization
- ▶ CEC pass-through for transparent device control
- ▶ Compact metal enclosure: 73.5×60.7×17mm — identical footprint to HAECOAX4

SIGNAL FLOW



SPECIFICATIONS

Video	
HDMI	HDMI 2.0b, HDCP 2.2/1.4
Bandwidth	18Gbps
Resolution	4K@60Hz 4:4:4; 1080P@120Hz
HDR	10-bit HDR pass-through
Audio	
HDMI Audio	LPCM 7.1, Dolby Atmos, DTS:X, TrueHD, DTS-HD MA
Optical Out	LPCM 2/5.1, Dolby/DTS 5.1CH
L/R Out	Analog Stereo 2CH
Sample Rate	Up to 192kHz (24-bit)
Connections	
Input	1× HDMI Type A
Output	1× HDMI Type A 1× Optical Toslink 1× 3.5mm L/R
Mechanical	
Dimensions	73.5 × 60.7 × 17mm
Power	DC 5V/1A (CE/FCC/UL)
Consumption	1W Max
CEC	Pass-through
Equalization	Auto cable equalization
Warranty	3 Years Limited