

8K HDMI Audio De-Embedder with ARC

Extract Audio from Any 8K HDMI Source or ARC TV to Optical and Analog Outputs

AUD-DEBED-8K

The KanexPro AUD-DEBED-8K is a professional-grade HDMI 2.1 audio de-embedder engineered for integrators who need to extract high-fidelity audio from next-generation 8K sources or ARC-enabled displays without sacrificing video performance. Supporting 48Gbps FRL bandwidth and full HDMI 2.1 compliance including VRR, ALLM,...

48Gbps FRL
HDMI 2.1 full bandwidth

8K@60Hz
4K@120Hz support

Dolby Atmos
DTS:X pass-through

ARC Mode
CEC control support

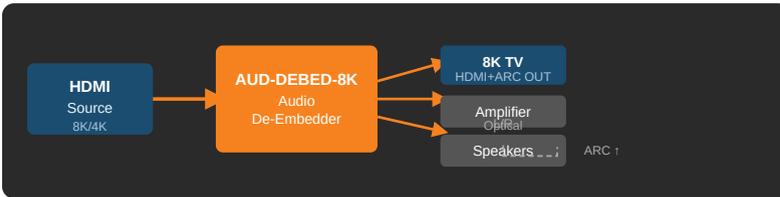
8-Mode EDID
DIP switch management

Compact
95×68×18mm metal

KEY FEATURES

- ▶ HDMI 2.1 and HDCP 2.3 compliant — supports 48Gbps FRL and 18Gbps TMDS video bandwidth
- ▶ Video resolution up to 8K@60Hz 4:2:0 12-bit and 4K@120Hz 4:4:4 12-bit
- ▶ HDMI 2.1 advanced features: VRR, ALLM, QMS, QFT, and SBTM supported
- ▶ HDR pass-through: HDR, HDR10, HDR10+, Dolby Vision, and HLG
- ▶ Audio pass-through: LPCM 7.1CH, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, DTS:X

SIGNAL FLOW



APPLICATIONS

- Home Theater Integration
- ARC Audio Return
- Commercial Display with Audio
- Gaming Console Audio

SPECIFICATIONS

Video	
HDMI	HDMI 2.1, HDCP 2.3
Bandwidth	48Gbps FRL / 18Gbps TMDS
Resolution	8K@60Hz 4:2:0; 4K@120Hz 4:4:4
HDR	HDR10, HDR10+, Dolby Vision, HLG
HDMI 2.1	VRR, ALLM, QMS, QFT, SBTM
Audio	
HDMI Audio	LPCM 7.1, Dolby Atmos, DTS:X, TrueHD, DTS-HD MA
Optical Out	PCM 2.0, Dolby/DTS 5.1CH
L/R Out	PCM 2.0CH Analog Stereo
Connections	
Input	1× HDMI Type A (Source)
Output	1× HDMI Type A (ARC OUT) 1× S/PDIF Optical 1× 3.5mm L/R
Control	USB-C Service Port
Mechanical	
Dimensions	95 × 68 × 18mm
Weight	178g
Housing	Metal Enclosure — Black
Power	DC 5V/1A (CE/FCC/UL)
Consumption	4W Max
Environment	
Operating Temp	0°C – 40°C
Warranty	3 Years Limited