

8K HDMI eARC Audio Adapter

De-embed & Distribute Audio from Any HDMI 2.1 or eARC/ARC Source

MPN: AUD-EARC-8K



PRODUCT OVERVIEW

Route audio simultaneously to a soundbar, amplifier, optical, and analog output from a single eARC TV port — one device replaces two. The KanexPro AUD-EARC-8K is a 48Gbps HDMI 2.1 eARC Audio Adapter with a dedicated Soundbar eARC HDMI output, Amp AUDIO HDMI output, S/PDIF optical, and analog L/R — all delivered simultaneously from one commercial-grade unit.

Fully compliant with HDMI 2.1 and HDCP 2.3, it passes video at up to 8K@60Hz and 4K@120Hz with HDR10, Dolby Vision, and HLG intact. Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, and DTS:X are supported on all HDMI outputs. An 8-mode DIP switch provides tool-free EDID management; CEC enables TV remotes to control sources and volume across any connected eARC sound system.

1 PRODUCT OVERVIEW

DESIGNED FOR

Commercial and residential AV integrators deploying 8K-ready home theaters, hospitality, corporate, and higher-education AV installations.

THE CHALLENGE

Modern 8K TVs have a single eARC port. Integrators who need to route audio to both a soundbar and a separate amplifier have had to install two individual extractor devices — doubling rack space, power supplies, and cable runs.

THE KANEXPRO ADVANTAGE

The AUD-EARC-8K delivers a dedicated Soundbar eARC HDMI output and an Amp AUDIO HDMI output simultaneously — alongside S/PDIF optical and analog L/R — from one compact, commercial-grade metal unit. One device replaces two.

2 PRODUCT POSITIONING

The AUD-EARC-8K is the universal 8K eARC audio adapter for AV integrators who need to route audio to both a soundbar and an amplifier simultaneously — without buying two separate devices.

3 APPLICATIONS



Luxury Home Theater

Routes audio from an 8K eARC TV to a Dolby Atmos soundbar and legacy AVR simultaneously — one unit, no compromise.



Boutique Hotel Suite

Single AV rack unit feeds both in-room soundbar and background music amplifier from one 8K TV eARC connection.



Corporate Boardroom

8K display drives executive soundbar and ceiling speaker amplifier simultaneously; CEC volume control via room controller.



University Lecture Theater

L/R analog feeds lectern monitor audio while optical routes to DSP processor — all from one 8K source connection.



Gaming / Esports Lounge

4K@120Hz with VRR and ALLM pass-through while Dolby Atmos routes to soundbar and optical feeds broadcast mixer.



Digital Signage / Retail

Background music routes via L/R to store amplifier while the 8K display runs silent — no interruption to the signage loop.

4 WHO THIS IS FOR

CEDIA Integrators

Hospitality AV

Corporate AV

Higher Education

AV Distributors

Ideal User

CEDIA-certified residential integrators, hospitality AV designers, commercial AV integrators

Project Types

Luxury residential home theater, boutique hotel in-room AV, corporate boardrooms, higher-education lecture theaters, gaming / esports, digital signage

Typical Buyer

Lead AV designer or senior integrator on project; AV distributor pre-configuring racks

5 KANEXPRO PRODUCT COMPARISON

The AUD-EARC-8K is KanexPro's 8K step-up audio extractor — purpose-built for dual-destination routing that the 4K model cannot cover.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
AUD-EARC-8K	8K eARC — Soundbar + Amp + Optical + L/R	Soundbar eARC HDMI + Amp AUDIO HDMI + S/PDIF + L/R simultaneously; 48Gbps HDMI 2.1	Complete single-unit audio distribution — replaces two separate extractors
AUD-DEBEDEARC-4K	4K eARC — Optical + L/R	4K/HDMI 2.0 eARC de-embedding to optical and L/R	Step up to AUD-EARC-8K for 8K projects or dual-destination audio routing

★ Specify AUD-EARC-8K for any 8K project requiring simultaneous soundbar + amplifier audio routing.

Q: Can this feed both a soundbar and an amplifier at the same time?

Yes — the AUD-EARC-8K has a dedicated Soundbar eARC HDMI output and a separate Amp AUDIO HDMI output, both active simultaneously. Optical and L/R also output concurrently.

Q: Does it support Sonos Arc, Beam, and other eARC soundbars?

Yes — the Soundbar eARC OUT delivers full Dolby Atmos and DTS:X to SONOS ARC, Beam, and any eARC-compatible soundbar.

Q: Will VRR and ALLM pass through for gaming?

Yes — VRR, ALLM, QMS, QFT, and SBTM all pass through as specified in HDMI 2.1, with no impact on 4K@120Hz or 8K@60Hz video.

Q: How do I configure EDID without a PC or software?

Use the 8-position DIP switch on the front panel — 8 preconfigured EDID profiles covering FRL12G and FRL10G in 2.0/5.1/7.1CH. No software required.

Q: What is the difference between eARC mode on and off?

When eARC is enabled, soundbar and amplifier receive audio returned from the TV. When disabled, audio comes from the HDMI source device directly.

Q: How does this compare to the AUD-DEBEDEARC-4K?

The AUD-DEBEDEARC-4K is a 4K/HDMI 2.0 extractor with optical and L/R only. The AUD-EARC-8K adds 8K/HDMI 2.1 bandwidth, a dedicated soundbar eARC HDMI out, and an amp HDMI audio out.

Q: What power supply is included and what regions does it support?

A 5V/2A multinational power supply (CE/FCC/UL certified) is included, supporting AC 100–240V 50/60Hz for North American, European, and international installations.