

8K HDMI 2.1 eARC Audio to Amplifier Adapter

De-embed ARC/eARC Audio to Any AVR — HDMI 2.1 Video Passes Through at Full 48Gbps

MPN: AUD-AMP-8K



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators and system designers specifying retrofit and new-build residential, hospitality, and corporate AV installations requiring HDMI 2.1 eARC audio bridging to existing amplifiers.

THE CHALLENGE

Modern 8K and 4K/120Hz displays return audio only via eARC. Existing AVRs in installed systems frequently lack eARC support. Replacing the AVR to gain eARC is expensive and disruptive.

THE KANEXPRO ADVANTAGE

Single inline adapter bridges eARC TVs to any HDMI-input AVR at full 48Gbps bandwidth. CE/FCC/UL certified PSU, 8-mode EDID DIP, USB-C field firmware update, and the companion AUD-SBAR-8K for soundbar deployments on the same platform.

2 PRODUCT POSITIONING

AUD-AMP-8K is the 8K eARC audio de-embedder for AV integrators who need to route full Dolby Atmos and DTS:X from any eARC TV to a legacy AVR — without replacing the amplifier or sacrificing 8K video passthrough.

3 APPLICATIONS

Home Theater Retrofit

Bridges 8K eARC TVs with existing AVRs lacking eARC — no amplifier replacement required.

Hospitality AV

Reliable eARC audio bridging in hotel rooms with 8K displays and in-room amplification systems.

Corporate Suite

Routes audio from 8K boardroom displays to legacy DSP amplifiers with zero video latency.

Gaming / Simulation

Preserves VRR, ALLM, SBTM for 8K/4K120 gaming while routing Dolby Atmos to the surround AVR.

New-Build Residential

Single inline device handles HDMI 2.1 passthrough and eARC audio, simplifying equipment closets.

AV Showroom

Drives 8K display while feeding room speakers via AVR — no matrix switcher needed for demos.

4 WHO THIS IS FOR

Custom Integrator

AV Designer

CEDIA Dealer

Hospitality AV

Corporate AV

Ideal User

CEDIA-certified custom integrator or AV system designer specifying \$15K–\$200K+ installed systems.

Project Types

Luxury residential retrofit, new-build home theater, hospitality rooms, corporate executive suites, AV showrooms.

Typical Buyer

Integrator/designer specs at project proposal or during site survey. Procurement via KanexPro authorized distributor or dealer portal.

5 KANEXPRO PRODUCT COMPARISON

The AUD-AMP-8K is purpose-built for AVR/amplifier installations. For soundbar-specific deployments, use the companion AUD-SBAR-8K on the same project.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
AUD-AMP-8K	eARC → AVR / Amplifier	48Gbps, HDMI audio out, 8-mode EDID DIP	<i>This product</i>
AUD-SBAR-8K	eARC → Soundbar	Same signal path, SONOS-compatible eARC out	Use for soundbar installs instead of AVR
AUD-DCODEARC-4K	ARC decode to analog	Dolby 5.1 downmix to RCA/3.5mm	Legacy ARC only; outputs analog, not HDMI

→ Spec AUD-AMP-8K for AVR installs / AUD-SBAR-8K for soundbar installs — same platform, same commissioning workflow.

6 FREQUENTLY ASKED QUESTIONS

Q: How is this different from a standard HDMI audio extractor?

Standard extractors only de-embed from the source input. The AUD-AMP-8K also supports TV ARC/eARC audio return — one inline device handles both signal paths.

Q: Will this degrade 8K video or add latency?

No. Video passes at full 48Gbps FRL with zero video and audio latency. VRR, ALLM, and SBTM are preserved end-to-end for gaming sources.

Q: My client's AVR is HDMI 1.x — will audio still work?

Yes. The Amp AUDIO OUT sends an audio-only HDMI signal. The AVR only receives audio — it does not need to handle 8K or 4K/120Hz video.

Q: Can I update firmware in the field?

Yes. The USB Type-C SERVICE port supports field firmware updates — a key differentiator over consumer-grade alternatives.

Q: Why choose KanexPro over a \$79 generic unit?

CE/FCC/UL certified PSU, channel warranty support, firmware update port, and the paired AUD-SBAR-8K for mixed AVR/soundbar projects — all on one platform.

sales@kanexpro.com | www.kanexpro.com