

4K HDMI eARC/ARC Audio Extractor

Extract High-Quality eARC/ARC Audio from Any TV — Full 4K60 HDR Video Pass-Through

MPN: AUD-DEBEDEARC-4K



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators and end users who need to extract high-quality eARC or ARC audio from any 4K HDMI TV and route it to a legacy AV receiver or amplifier — without replacing existing equipment or compromising 4K HDR video pass-through.

THE CHALLENGE

Modern TVs output Dolby Atmos and DTS:X via eARC but most amplifiers and receivers lack an eARC HDMI input. Without a dedicated extractor, users lose immersive audio or must replace functional equipment costing hundreds more.

THE KANEXPRO ADVANTAGE

Extracts full eARC/ARC audio — Dolby Atmos, TrueHD, DTS:X, DTS-HD MA, and LPCM 7.1 — via a dedicated HDMI Audio port compatible with any AVR. Video passes at full 4K60 4:4:4 with all HDR formats intact. USB-powered with CEC pass-through — installs in seconds.

2 PRODUCT POSITIONING

The AUD-DEBEDEARC-4K is the essential 4K eARC bridge for integrators and users who want full Dolby Atmos from any TV into any AV receiver — without upgrading their amplifier or soundbar.

3 APPLICATIONS



Home Theater

Extract Dolby Atmos eARC from any 4K TV to legacy AVR via HDMI Audio Out — no equipment replacement.



Soundbar + AVR

Feed eARC audio to soundbar via HDMI and older amplifier simultaneously — one compact device.



Gaming

PS5/Xbox 4K60 HDR to TV while eARC audio returns to gaming DAC or stereo amp.



Hospitality

ARC audio from in-room TV to bedside speakers — USB-powered, installs behind any display.



Conference Rooms

4K video to display while ARC audio feeds room amplifier or ceiling speakers.



Education / Signage

Bridge signage player audio to PA via HDMI Audio Out — full video to display, zero loss.

4 WHO THIS IS FOR

AV Integrators

Custom Installers

Home Theater Enthusiasts

Hospitality AV

Education AV

End Users

Ideal User

AV integrator, custom installer, or home theater enthusiast adding eARC audio extraction to an existing 4K install without replacing legacy audio equipment.

Project Types

Residential home theater, hospitality, corporate AV, education, digital signage, retail

Typical Buyer

AV system designer, homeowner, IT/AV manager, or facilities manager — via AV distribution, direct KanexPro.com, or consumer retail

5 KANEXPRO PRODUCT COMPARISON

The AUD-DEBEDEARC-4K is the 4K eARC/ARC extractor — positioned between entry HAECOAX series and the full 8K HDMI 2.1 models.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
AUD-DEBEDEARC-4K	4K eARC/ARC from TV to AVR	HDMI 2.0b, eARC, HDMI Audio Out, USB-powered	Extracts eARC from TV → HDMI Audio Out for any AVR
AUD-EARC-8K	8K eARC + 4 simultaneous outputs	HDMI 2.1, eARC, soundbar HDMI + Amp HDMI + Optical + L/R	Step up: 8K, 4 outputs, dedicated amp and soundbar ports
AUD-DEBED-8K	8K/4K@120Hz + ARC extraction	HDMI 2.1, ARC, Optical + L/R	Step up: 8K, DIP EDID, gaming features
HAECOAX3	4K source audio extraction	HDMI 2.0b, Optical + L/R, 3-mode switch	Extracts from source — not from TV eARC/ARC return

Recommend AUD-DEBEDEARC-4K when a TV has eARC or ARC and the customer needs to send that audio to an amplifier or AVR that lacks eARC input.

6 FREQUENTLY ASKED QUESTIONS

Q: Difference from AUD-EARC-8K?

AUD-DEBEDEARC-4K: 4K only, single HDMI Audio Out, USB-powered — simple eARC bridge. AUD-EARC-8K: 8K, 4 simultaneous outputs including dedicated soundbar HDMI and amp HDMI ports.

Q: What audio formats does HDMI Audio Out carry?

Full eARC: Dolby Atmos, TrueHD, DD+, DTS:X, DTS-HD MA, DTS ES 6.1, LPCM 7.1, PCM 2.0.

Q: Does HDMI Audio Out affect video?

No — video passes transparently at 4K60 4:4:4 with HDR, HDR10+, Dolby Vision on the HDMI eARC/ARC Out port.

Q: What powers the unit?

USB 5V / 500mA — can be powered from any TV USB port or standard USB adapter. No PSU required.

Q: Does it work with any AV receiver?

Yes — HDMI Audio Out sends 720p black screen with full audio. Compatible with any HDMI-input AVR, soundbar, or audio processor.

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