

4K HDMI ARC Audio Decoder with Dolby & DTS Downmix

Extract ARC Audio from Any HDMI-Enabled TV — Dolby 5.1 & DTS 5.1 Downmix to Analog Stereo

MPN: AUD-DCODEARC-4K



1 PRODUCT OVERVIEW

DESIGNED FOR

Home theater owners, hospitality operators, small AV integrators, and IT managers who need to route audio from a modern ARC-enabled TV to legacy analog speakers, amplifiers, or headphones.

THE CHALLENGE

Modern smart TVs increasingly lack analog audio outputs, forcing users to buy expensive soundbars or AV receivers just to connect existing powered speakers or amplifiers. ARC audio is digital and inaccessible to analog-only equipment.

THE KANEXPRO ADVANTAGE

Licensed Dolby 5.1 and DTS 5.1 decoding in a USB-powered, sub-\$100 aluminum enclosure with both RCA and 3.5mm outputs — plus CEC volume control from the TV remote. Most competitors at this price point support PCM only.

2 PRODUCT POSITIONING

For home theater enthusiasts, small AV integrators, and IT managers who need analog audio from modern ARC-enabled displays, the AUD-DCODEARC-4K is a plug-and-play HDMI ARC decoder that downmixes Dolby 5.1 and DTS 5.1 to 2-channel stereo via RCA and 3.5mm outputs — with CEC volume control from the TV remote — at a sub-\$100 price point that undercuts multi-format extractors by 40–60%.

3 APPLICATIONS

Home Theater

Connect a modern smart TV to legacy powered speakers or a stereo amplifier via RCA. Dolby/DTS downmix ensures surround content plays cleanly in stereo.

Hospitality & Multi-Room

Route hotel or restaurant TV audio to ceiling speakers or zone amplifiers. USB power eliminates the need for a dedicated outlet near the display.

Conference Room

Extract audio from a meeting room display and feed it into an existing analog PA or ceiling speaker system. CEC keeps volume on the TV remote.

Assistive Listening

3.5mm output enables a personal headphone station fed from the TV's ARC audio — ideal for hearing-impaired users or quiet-zone viewing.

4 WHO THIS IS FOR

Residential AV

Hospitality

Corporate AV

Healthcare

Retail / Bar

Ideal User

Consumer: 35–65 yo homeowner upgrading TV but keeping existing stereo system. Pro: AV integrator doing residential retrofits or hospitality audio installs.

Project Types

Residential AV retrofits, hospitality TV audio, corporate huddle rooms, assisted living / healthcare, bar & retail background audio

Typical Buyer

Consumer: self-purchase. Integrator: project lead / system designer. Hospitality: facilities manager or AV consultant.

5 KANEXPRO PRODUCT COMPARISON

KanexPro offers several audio extraction products. This table helps identify the right fit based on the customer's requirements.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
AUD-DCODEARC-4K (This Product)	ARC-only installs where analog stereo output is sufficient	Dolby 5.1 & DTS 5.1 downmix to stereo, CEC, USB-powered	Entry-level, ARC only, no HDMI passthrough, no optical output
AUD-DEBEDEARC-4K	eARC installs needing Dolby Atmos/DTS:X and optical output	eARC + ARC, HDMI 2.0b passthrough, optical + RCA, 4K60 4:4:4	Premium tier with full eARC, HDR passthrough, HDCP 2.3
AUD-DCODEHDMI-4K	Source-side audio extraction (Blu-ray, PC, game console)	HDMI in → HDMI out + optical + RCA, 4K passthrough, 18Gbps	Source extraction (not TV return audio), supports higher-bandwidth formats

Recommend AUD-DCODEARC-4K for simple, cost-effective ARC-to-analog conversion. Upsell to AUD-DEBEDEARC-4K when eARC, Atmos, or optical output is required.

6 FREQUENTLY ASKED QUESTIONS

Q: Does this support eARC or just ARC?

ARC only. For eARC with Dolby Atmos and DTS:X, recommend the AUD-DEBEDEARC-4K.

Q: Can I use this with a soundbar?

This device outputs analog stereo only (RCA / 3.5mm). Soundbars typically require HDMI or optical input. Use the AUD-DEBEDEARC-4K for optical output.

Q: Does it pass video through?

No. The AUD-DCODEARC-4K is audio-only — it connects to the TV's ARC port to receive return audio. There is no HDMI output for video.

Q: What power source does it need?

USB 5V/500mA via Micro USB. Can be powered from the TV's USB port, a wall adapter, or any standard USB source.

Q: Why choose this over a \$25 generic?

Licensed Dolby and DTS decoding, aluminum build quality, >90dB SNR, dual analog outputs, and KanexPro warranty. Generics at \$20–30 typically support PCM only.