

Digital to Analog Audio Decoder with Dolby Digital & DTS

Decode S/PDIF Optical & Coaxial 5.1 Surround to Stereo RCA + Headphone — 192kHz PCM, Plug-and-Play

MPN: AUD-DCODE-ANA



1 PRODUCT OVERVIEW

DESIGNED FOR

Home theater owners, gamers, and small AV integrators who need to convert digital surround audio (Dolby/DTS) from a source's optical or coaxial output into analog stereo for legacy speakers or headphones.

THE CHALLENGE

Modern sources (TVs, consoles, Blu-ray players) output Dolby Digital or DTS over optical/coaxial, but many amplifiers, powered speakers, and headphones only accept analog RCA or 3.5mm. Basic DACs cannot decode surround bitstreams and produce silence or noise.

THE KANEXPRO ADVANTAGE

Licensed Dolby Digital & DTS decoder with 24-bit DSP, PCM up to 192kHz (broader than most competitors at 96kHz), simultaneous RCA + 3.5mm output, LED decode-status indicator, and ultra-compact 40g form factor.

2 PRODUCT POSITIONING

For anyone bridging digital surround sources to analog stereo systems, the KanexPro AUD-DCODE-ANA provides a licensed Dolby/DTS decoder in a pocket-sized, plug-and-play package — eliminating the need for a full AV receiver.

3 APPLICATIONS

Home Theater Audio Bridge

TV/Blu-ray optical out → legacy stereo amplifier or powered speakers via RCA.

Gaming Console Audio

PS5/Xbox/Switch optical out → headphones or desktop speakers via 3.5mm.

Conference Room Legacy Audio

Display/codec optical out → analog ceiling speakers or zone amplifier.

Bar & Retail Background Music

Media player digital out → existing analog speaker wiring.

4 WHO THIS IS FOR

Home Theater Enthusiasts

Gamers

AV Integrators

IT Managers

Small Commercial

Ideal User

Home theater enthusiast (35–55), IT/AV tech managing conference rooms, CEDIA integrator sourcing accessory components

Project Types

Residential home theater, small commercial (bars, retail), corporate huddle rooms, education AV carts

Typical Buyer

End consumer (self-purchase), AV integrator/installer (project spec), IT manager (conference room refresh)

5 KANEXPRO PRODUCT COMPARISON

KanexPro offers multiple audio decoder and extractor products. Here is how the AUD-DCODE-ANA fits relative to its siblings:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
AUD-DCODE-ANA	Basic S/PDIF decode	Dolby/DTS decode, optical+coax → RCA+3.5mm	Entry-level, audio-only, no video pass-through
AUD2ACV	PCM-only conversion	Optical/coax → RCA (PCM stereo only)	No Dolby/DTS decoding; no headphone output
AUD-DCODEARC-4K	HDMI ARC audio decode	HDMI ARC → analog stereo, CEC volume	Takes HDMI ARC input (not optical/coax); higher price
AUD-DEBEDEARC-4K	Premium eARC extraction	eARC/ARC → optical+analog, 4K60 pass-through	Full eARC/Atmos/DTS:X support; HDMI video path

Choose AUD-DCODE-ANA when you need simple, affordable Dolby/DTS decode from optical or coaxial — no video path required.

6 FREQUENTLY ASKED QUESTIONS

Q: Does this decode Dolby Digital Plus or Dolby Atmos?

No. Standard Dolby Digital (AC-3) and DTS only. For streaming services using DD+, set source audio to PCM.

Q: Can I use RCA and headphone outputs simultaneously?

Yes. Both outputs are always active at the same time.

Q: Why no sound from my TV's optical output?

Set TV audio output to PCM or Auto. Some TVs mute optical when internal speakers are active — switch to External Speakers.

Q: How does this differ from the AUD2ACV?

AUD2ACV is PCM pass-through only. The AUD-DCODE-ANA has a licensed Dolby/DTS decoder DSP and adds a 3.5mm headphone output.

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