

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



The KanexPro AUD-DCODE-ANA is a compact, licensed Dolby Digital and DTS audio decoder featuring an integrated 24-bit audio DSP for superior digital-to-analog conversion. It accepts optical (Toslink) or coaxial digital audio input and decodes Dolby Digital (AC-3) 5.1, DTS/DTS-ES 6.1, and PCM formats to 2-channel stereo analog output.

Decoded audio is output simultaneously through stereo RCA (L/R) and a 3.5mm headphone jack, making it ideal for connecting TVs, Blu-ray players, game consoles, and set-top boxes to legacy analog amplifiers, powered speakers, or headphones. PCM support up to 192kHz, driver-free operation, and 40g form factor deliver high-fidelity conversion without a full AV receiver.

<p>Dolby Digital 5.1 AC-3 Decode</p>	<p>DTS DTS-ES 6.1 Decode</p>	<p>192kHz PCM Sample Rate Support</p>	<p>Dual Out RCA + 3.5mm Simultaneous</p>	<p>Plug&Play No Drivers 40g Compact</p>
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KEY FEATURES

- Decodes Dolby Digital (AC-3), DTS, and PCM digital audio to 2-channel stereo analog output
- Supports PCM sample rates: 32K, 44.1K, 48K, 88.2K, 96K, 176.4K, 192KHz
- Dolby Digital 5.1 and DTS-ES 6.1 channel surround decoding and downmix to stereo
- Dual simultaneous outputs: stereo RCA (L/R) and 3.5mm headphone jack
- Dual digital inputs: optical (Toslink) and coaxial with manual selector switch
- LED status indicator: Red solid (PCM/No signal), Red blink (Dolby), Green blink (DTS)
- Integrated 24-bit audio DSP — driver-free, plug-and-play, ultra-compact (72 × 55 × 20 mm, 40g)

SPECIFICATIONS

Audio Decoding	Dolby Digital (AC-3) • DTS • DTS-ES 6.1 • PCM
PCM Sample Rates	32K • 44.1K • 48K • 88.2K • 96K • 176.4K • 192KHz
DAC Resolution	24-bit
S/N Ratio	103 dB
Channel Separation	95 dB
Frequency Response	20 Hz – 20 KHz ±0.5 dB
Input Ports	1× Optical (Toslink) • 1× Digital Coaxial (RCA)
Output Ports	1× Stereo RCA (L/R) • 1× 3.5mm Headphone
Input Selector	Manual slide switch (Optical / Coaxial)
Size / Power	72 × 55 × 20 mm • 40 g • DC 5V/1A (adapter included)

PACKAGE CONTENTS

1× Audio Decoder • 1× 5V/1A DC Power Adapter • 1× Product Manual



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