

4K HDMI ARC Audio Down-Mixer & Decoder






Compact ARC Audio Extractor with Dolby/DTS Decoding to Analog Stereo, TOSLINK & CEC Control

MPN: AUD-DCODEARC-4K



KanexPro AUD-DCODEARC-4K is a compact audio decoder designed to bridge modern HDMI ARC-equipped displays and traditional analog audio equipment. It extracts multi-channel digital audio from a TV's HDMI ARC port and down-mixes it into a 2-channel analog stereo signal, allowing users to enjoy audio from smart TV apps like Netflix, Hulu, or Disney+ through high-fidelity stereo speakers or older AV receivers.

With 4K video pass-through, analog RCA and 3.5mm stereo outputs, a TOSLINK digital pass-through, CEC volume control, and USB-powered operation, the AUD-DCODEARC-4K is ideal for legacy audio integration, soundbar support, headphone monitoring, and commercial background music systems.

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|  ARC Decoder Dolby Digital DTS 5.1 decode |  Analog Out RCA L/R + 3.5mm stereo |  4K Pass-thru HDMI 2.0 HDCP 2.2 |  TOSLINK Out Digital audio pass-through |  USB Powered 5V Micro USB compact metal |
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KEY FEATURES:

- ARC audio extraction — designed specifically to extract digital audio from a TV's HDMI ARC port
- Digital to analog decoding — converts Dolby Digital and DTS 5.1 into high-quality 2-channel analog stereo
- 4K UHD pass-through — supports 4K video signals with no loss in picture quality in the signal path
- Versatile outputs — analog RCA (L/R) and 3.5mm stereo for amplifiers, speakers, and headphones
- TOSLINK digital pass-through — optical output for passing original digital signal to other processors
- CEC support — TV remote volume control over compatible connected systems
- Compact metal enclosure — small, lightweight for discreet installation behind wall-mounted TVs
- USB powered — via TV USB port or standard 5V adapter for convenient installation

SPECIFICATIONS

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| Input Port | 1× HDMI Type A [19-pin female] (ARC) |
| Output Ports | 1× L/R Analog RCA, 1× 3.5mm Stereo, 1× TOSLINK (Optical) |
| HDMI Compliance | HDMI 1.4 / 2.0 |
| HDCP Compliance | HDCP 1.4 / 2.2 |
| Audio Input Formats | Dolby Digital, DTS 5.1, LPCM 2.0 |
| Audio Output Formats | Analog stereo 2CH, digital TOSLINK (pass-through) |
| Sampling Rate | 32kHz, 44.1kHz, 48kHz, 96kHz, 192kHz |
| Power Supply | 5V DC (Micro USB) |
| Chassis | Metal enclosure |
| Operating Temp | 0°C to 40°C (32°F to 104°F) |



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