

AVC-EXHD11/H

HDMI 2.0 Audio extractor



AVC-EXHD11/H audio extractor can extract audio signals from any HDMI compliant source to digital or analog stereo L/R audio outputs.

The audio extractor supports input and output video resolution of up to 4K2K@50/60Hz (YUV444). It also supports 10bits HDR (High Dynamic Range) pass through and HDMI high resolution digital audio formats bypass, LPCM 2CH, Dolby TrueHD, Dolby Digital Plus, Dolby Atmos and DTS-HD Master audio of audio sampling rate up to 192kHz. HDCP2.2 and CEC bypass are supported.

Features

- HDMI 2.0b (18Gbps), HDCP 2.2 and DVI compliant
- Video resolutions up to 4K2K@50/60Hz (YUV444)
- Extracts HDMI audio to multi-channel optical (SPDIF) or L/R analog audio
- Optical audio supports LPCM 2CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH
- Supports HDMI High Bit Rate (HBR) audio pass through
- Audio sample rates up to 192kHz
- 10bits HDR (High Dynamic Range pass through)
- Supports CEC bypass

Technical specification

Video

Input: 1× HDMI
Input connector: 1× 19-pin Type A (female HDMI 2.0b, HDCP2.2)

Output: 1× HDMI
Output connector: 1× 19-pin Type A (female HDMI 2.0b, HDCP2.2)

Audio

Output: 1 x Stereo unbalanced audio L/R
1 x Optical Out
Output connector: 1 x 3.5mm stereo mini-jack
1 x S/PDIF

Stereo analog audio format: Analog Stereo 2CH
Optical audio format: LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1CH, DRS 2/5.1CH

General

Max data rate: 18Gbit/s
Max resolution: 4Kx2K@60Hz YUV 4:4:4
Work Temperature: 0 to 40°C
Relative humidity: 10% to 90%
Power consumption: 2W
Power supply input: DC 5V 1A
Dimension (W*H*D): 73.5mm x 60.7mm x 17mm
Net weight: 130g

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Typical applications

- Corporate Applications (Meeting Room) • Control rooms • Classrooms • Conference rooms • or any installations that requires a simple control system

Diagram

