DATASHEET

Audio Extractor 2CH LPCM HDMI 4K UHD 3D











General data

IDATA HDMI-EA4K extracts the audio signal from the HDMI source and convert it to optical or analog multi-channel digital audio.
It allows you to easily send the HDMI video signal to a TV, projector or monitor and send the HDMI audio signals to external speakers.

Features
- It extracts the audio signal from an HDMI source
- Supports HDMI audio sampling rates up to 192kHz
- Supports optical audio sampling rate S / PDIF audio up to 192kHz
- Supports audio sampling frequency L / R up to 48 kHz
- Supports audio HDMI high-bit-rate (HBR)
- No HDMI connections for receiving audio on analog and optical outputs
- Supports analog stereo audio output L / R and S / PDIF optical
- Incoming and outgoing can use HDMI cables up to 15 meters in length 1080p 8bit resolution, or 10m to 1080p 12bit
- Supports audio feature EDID between LPCM 2CH, TV EDID (external) and Audio Bitstream
- Allows 4Kx2K resolutions and 3D reproductions
- Meets HDMI, HDCP 1.2 and DVI 1.0
- Colour: Black

Technical Specifications
- Video bandwidth: 300Mbps / 10.2Gbps

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- Input ports: 1 x HDMI
- Output Ports: 1 x HDMI, 1 x Optical, 1 x L / R (3.5 "female)
- HDMI Audio sampling frequency up to 192kHz
- SPDIF Optical Audio sampling frequency up to 192 kHz
- HDMI Audio format: 2CH LPCM, Dolby Digital 2 ~ 5.1CH, DTS 5.1 CH 2 ~
- Audio Format L / R: Stereo Analog 2CH
- Cable distance HDMI 4K I / O: 10m / 10m
- Power supply included 5V 2A

Environmental Features

- Operating Temperature: 0 ° C ~ 40 ° C
- Storage Temperature: -20˚C ~ 60˚C

Dimensions

- Width: 95 mm
- Depth: 82 mm
- Height: 23 mm

Certifications

- EC
- FCC
- WEEE

Package Contents

- Audio Extractor IDATA HDMI-EA4K
- Power supply 5V 2A
- Information Sheet

Technical properties	
Connection type primary side	HDMI Type A
Connection type secondary side	1xHDMI, 1xoptical, 1x3.5mm
Service primary side	HDMI
Service secondary side	HDMI
Transmission rate	10.2 GBit/s

Available variants

ArtNr.	Bezeichnung	Unique
IDATA-HDMI-EA4K	Audio Extractor 2CH LPCM HDMI 4K UHD 3D	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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