DATASHEET

HDMI/DVI Audio Inserter Converter







General data

The HDMI 4Kx2K Audio Inserter lets you insert an external audio signal into your HDMI or DVI (with DVI to HDMI adaptor) signal path. The unit allows you to insert stereo or multi-channel surround sound signals to give users the capability to select audio formats while extending the HDMI signal. Further, both input and output HDMI support HD resolution up to 3D and 4Kx2K allowing a full enjoyment over synchronize video and audio.

Features

- Compliant with HDMI, HDCP 1.2 and DVI 1.0
- Supports HDMI audio sampling rate up to 192 kHz
- Supports Optical S/PDIF audio sampling rate up to 192 kHz
- Supports external HDMI, digital or analog audio signal being embedded into HDMI
- HDMI supports high-bit-rate (HBR) audio
- Supports DVI conversion with DVI to HDMI adaptor
- Supports CEC bypass
- Supports 4Kx2K resolution and 3D signal

Specifications

- Video Bandwidth: 300 Mbps / 10.2 Gbps
- Input ports- 1x HDMI,

- 1x Optical Digital Audio,

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- 1x jack 3.5 mm (L/R)
- Output port: 1x HDMI
- HDMI Audio Sampling Rate: up to 192 kHz
- Optical S/PDIF Audio Sampling Rate: up to 192 kHz
- HDMI Audio format: LPCM 2/5.1/7.1CH, DTS 2-5.1CH, TrueHD and DTS-HD Master Audio
- Optical Audio Format: LPCM 2CH and DTS 2~5.1CH
- L/R Audio Format: Analog Stereo 2 CH
- Power supply: 5V / DC
- Dimensions (mm): 95 x 83 x 24 mm
- Operating temperature: 0 °C ~ 40 °C
- Storage temperature: -20 °C ~ 60 °C

Package Contents

- 1x HDMI 4K2K Audio Inserter
- 1x Power supply 5V / DC
- 1x User's manual

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

Available variants

ArtNr.	Bezeichnung	Unique
IDATA-HDMI-AI4K	HDMI/DVI Audio Inserter Converter	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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