MS-DHEX

4K60 FPS 4:4:4 HDMI Audio Extractor



Description:

The MS-DHEX Is an HDMI Audio extractor that can extract audio signals from the input HDMI and output them via digital or analog outputs. The input and output video resolution can reach up to 4K60 FPS (YUV 4:4:4). The MS-DHEX supports smart EDID management, and both EDID and ARC functions can be controlled via DIP switches on the front panel.

Key Features:

- HDMI 2.0b, HDCP 2.2 and DVI 1.0 compliant
- Support 18Gbps video bandwidth
- Video resolution up to 4K60 FPS (YUV 4:4:4)
- Support extracting audio from HDMI source device to multichannel optical fiber (SPDIF) and L/R analog audio output
- Support ARC function. when ARC is enabled, the audio will be returned to the A/V receiver via the optical port
- Supported optical audio formats: LPCM 2CH, Dolby Digital 2/ 5.1CH, and DTS 2/5.1CH
- Support HDMI high bit rate (HBR) audio pass through
- Audio sampling rate up to 192KHz

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Specifications:

Technical	
HDCP Compliance:	HDCP 2.2
Video Bandwidth:	18Gbps
Video Resolution:	Up to 4K60 FPS 4:4:4
Color Space:	RGB, YCbCr 4:4:4/4:2:2
Color Depth:	8-bit, 10-bit, 12-bit (1080P, 4K30 FPS, 4K60FPS)
HDR:	HDR, HDR10, HDR10+, Dolby Vision, HLG
HDMI Audio Formats	LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master
ESD Protection:	Human-body Model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)
Connection:	
Input Port:	1×HDMI
Output Ports:	1×HDMI 1×L/R audio out (3.5mm Stereo Mini-jack) 1×OPTICAL audio out (S/PDIF)
Mechanical	
Housing:	Plastic Enclosure
Color:	Black
Dimensions:	90mm (W)×60mm (D)×16mm (H)
Weight:	48g
Power Supply:	DC 2V/1A
Power Consumption:	2W (max)
Operating Temperature:	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature:	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity:	20~90% RH (non-condensing)

USA (Toll Free): **+1 888 3458995,** Israel: **+972 3 7207710**
Email: **sales@m4sol.com,** Web: **m4sol.com**