

HDMI-DEA-4K

18 Gbps HDMI Audio De-embedder /w ARC

FEATURE:

- HDMI 2.0b, HDCP 2.2 and DVI 1.0 compliant
- Support 18 Gbps video bandwidth
- Video resolution up to 4K2K@60Hz (YUV 4:4:4)
- Support extracting audio from HDMI source device to multi-channel 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
- Support HDR, HDR10, HDR10+, Dolby Vision and HLG
- When ARC is enabled, CEC pass through is supported
- Compact in size, easy to install



HDMI-RE-4K

This 18 Gbps HDMI Audio Extractor can extract audio signals from the HDMI source to output to A/V receivers via the Optical port and L/R analog audio port. The device also has a built-in HDMI output port which can connect to an ARC-compatible display and return the received audio to the amplifier or speaker via the optical port when the ARC is enabled. The input and output video resolution can reach up to 4K×2K@60Hz (YUV 4:4:4). The product supports smart EDID management, and both EDID and ARC functions can be controlled via DIP switches on the front panel.



Accessories

18 Gbps HDMI Audio De-embedder
/w ARC



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SPECIFICATIONS:

Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18 Gbps
Video Resolution	Up to 4K2K@60Hz 4:4:4
Color Space	RGB, YCbCr 4:4:4/4:2:2
	8/10/12 bit (1080P)
Color Depth	8/10/12 bit (4K@24/30Hz)
	8 bit (4K@60Hz)
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)

Connections

Input	1x HDMI IN [Type A, 19-pin female]
	1x HDMI OUT [Type A, 19-pin female]
Output	1x OPTICAL OUT [S/PDIF]
	1x L/R OUT [3.5mm, Stereo Mini-jack]

Mechanical

Housing	Plastic Enclosure
Color	Black
Dimensions	90mm[W] x 60mm[D] x 16mm[H]
Weight	48g
Power Supply	DC 5V / 1A
Power Consumption	2W (Max)
Operation Temperature	32°F - 104°F / 0°C - 40°C
Storage temperature	-4°F - 140°F / -20°C - 60°C
Relative Humidity	20 - 90% RH (no condensation)