

AUDEX1

HDMI 2.0b (18Gbps) Audio Extractor

SIMPLIFIED
MFG

Specifications:



The AUDEX1 is a HDMI 2.0b (18Gbps) Audio Extractor that will extract audio from any HDMI compliant source to an optical SPDIF or 3.5mm stereo mini jack. Input/Output connections support the entire HDMI 2.0b format including all HDR formats. Audio formats include LPCM, Dolby True HD™, Dolby Digital Plus™, Dolby Atmos™, & DTS-HD Master Audio™.

Features:

- HDMI 2.0b (18Gbps) Compliant
- Supports HDR 8/10/10+ & Dolby Vision™
- Audio is extracted though optical SPDIF or 3.5mm mini jack
- Optical output supports LPCM 2ch., Dolby Digital™ 2/5.1
- Supports HBR (High Bit Rate) Audio
- Compact size
- 3-Year Warranty

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18 Gbps
Video Resolutions	up to 4K2K@50/60Hz (YUV4:4:4), 4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	8-bit, 10-bit, 12-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Optical Audio Formats	LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1CH, DTS 2/5.1CH
L/R Audio Formats	Analog Stereo 2CH
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	1x HDMI Type A [19-pin female]
Outputs	1x HDMI Type A [19-pin female] 1x L/R Audio Out [3.5mm Stereo Mini-jack] 1x Optical Out [S/PDIF]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	73.5mm [W] x 60.7mm [D] x 17mm [H]
Weight	130g
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	1W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)