

HDMI Audio Extractor

Model Code: LKV3061

The HDMI audio extractor enables the extraction of high-quality video and audio signals separately from an ultra-high-definition source. The extracted audio signal can be directed to an amplifier through SPDIF, COAXIAL, or a 3.5mm R/L audio port. It also supports the ARC (audio return channel) function, allowing it to extract audio from the HDMI ARC of a TV and transmit it to an amplifier via SPDIF or COAXIAL audio ports. This device is capable of converting HDCP1.4 to HDCP2.2 and vice versa, and it supports HDMI resolutions of up to 4Kx2K@60Hz. It is an ideal solution for various applications, including conference systems, multimedia education setups, home entertainment, and more.

Features:

- Convert a single HDMI input into a combination output of HDMI Video along with *SPDIF, COAXIAL audio and **R/L Stereo (*SPDIF optical audio and COAXIAL audio outputs cannot be utilized simultaneously. **Additionally, the R/L stereo output is not accessible while using the ARC function).
- Support HDMI 2.0, HDCP2.2, HDCP1.4
- Support to convert HDCP1.4 to HDCP2.2, HDCP2.2 to HDCP1.4
- Support 3D video format
- Support ARC function
- Support HDR
- Resolution supported is up to 4Kx2K@60Hz ultra HD
- Support YUV4:2:0 / 4:2:2 / 4:4:4 and RGB 4:4:4
- Lossless transmission
- Plug and play, easy installation



Specification

Technical	Detail
Voltage/Current	DC5V/1A
Power consumption	2W
HDMI compliance	HDMI 2.0
HDCP compliance	HDCP2.2, HDCP1.4
HDMI resolution	480i/480p/576i/576p/720p/1080i/1080p@60Hz/4Kx2K@24/25/30/60Hz
Audio support	Dolby,DTS,LPCM
Maximum transfer rate	18Gbps
Input and output TMDS signal	0.7~1.2Vp-p(TMDS)
Input and output DDC signal	5Vp-p(TTL)
Support Input cable length	≤5m(AWG24)
Input TMDS signal	0.7~1.2Vp-p
Support Output cable length	≤5m(AWG24)
Electrostatic protection	1a contact discharge level 3, 1b air discharge level 3, implementation of the standard: IEC61000-4-2

Working temperature	0~50°C
Storage temperature	-10~70°C
Humidity (no condensation)	0~90%
Dimension	80.0(L) x 80.0(W) x 19.5(H)mm
Material	Iron alloy material
Treatment process	Sandblasting
Color Weight	Black 175g