

# Audio De-Embedder

## ALFATRON ALF-CHKA2



### DESCRIPTION

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The ALF-CHKA2 is a small-size HDMI 2.0 audio de-embedder with 1 HDMI input, 1 HDMI output, and three kinds of audio outputs. It is designed to extract audio from 4K HDMI signal via stereo balanced L/R audio, analogue RCA, and coaxial digital audio output ports.

It supports 4K@60Hz/4:4:4 HDR, EDID & CEC pass-through, and the transmission rate is up to 18Gbps. Moreover, there are three audio modes can be chosen in order to be compatible with the various audio processing device.

### FEATURES

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- Supports stereo balanced L/R audio, analogue RCA, and coaxial digital audio output ports.
- Supports three audio modes PASS, BITSTREAM, and PCM.
- HDMI input supports HDCP2.2, and the output supports HDCP1.4.
- Supports HDMI2.0 4K@60Hz/4:4:4 HDR, EDID & CEC pass-through.
- The transmission rate is up to 18Gbps.
- Metal design

## TECHNICAL SPECIFICATIONS

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### Video Specification

Video Input	: 1xHDMI
Input Connector	: 19-pin type-A female HDMI 2.0, HDCP 2.2
Video Output	: 1xHDMI
Output Connector	: 1xFemale type-A HDMI 2.0, HDCP 2.2

### Audio

Output	: 1xStereo balanced audio L/R 1xAnalog audio L+R 1x Coax
Output Connector	: 1x5 Pin phoenix connector 1xRCA 1xCoaxial audio connector
Audio Format	: Support Dolby D (True HD) DTS (HD-Master Audio) PCM

### General Specification

Max Data Rate	: 18 Gbit/s
Max Resolution	: 4Kx2K@60 Hz 4:4:4
Temperature	: - 10 ~ 55°C
Reference Humidity	: 10% ~ 90%
Power Consumption	: 3W (Max)
Power Supply	: Input: 100VAC~240VAC 50/60Hz Output – 12VDC 1A
Dimension (W*H*D)	: 129mm x 21.5mm x 77mm
Net Weight	: 244g

## SYSTEM DESIGN

