



## 40Gbps HDMI Audio Downmix Decoder

Introducing our 48Gbps HDMI eARC Audio to Amplifier Adapter, meticulously crafted to extract audio signals from HDMI sources or ARC/eARC-enabled TVs for seamless HDMI audio transmission to your AV Receiver. With support for data rates up to 48Gbps, compliant with HDMI 2.1 and HDCP 2.3 standards, it effortlessly handles UHDTV 8K@60Hz resolutions.

Packed with convenient features like EDID management and cable equalization, this adapter ensures effortless integration into your HDMI setup. It offers a straightforward solution for routing audio signals to your old audio amplifier, simplifying HDMI installations. Plus, enjoy seamless CEC control from your TV to both the source and amplifier, enhancing your overall audiovisual experience.

### Feature Highlights

- HDCP 2.3 compliant
- Support 48Gbps FRL and 18Gbps TMDS video bandwidth, as specified in HDMI 2.1
- Support video resolution up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit
- Support VRR, ALLM, QMS, QFT, SBTM, as specified in HDMI 2.1
- HDR, HDR 10, HDR 10+, Dolby Vision, HLG pass-through
- LPCM 7.1CH, Dolby TrueHD, Atmos and DTS-HD Master, DTS:X Audio pass-through
- HDMI input audio or TV ARC/eARC audio de-embedded to HDMI audio output
- Support CEC control from TV to the source and amplifier
- Support CEC volume control from TV to the amplifier sound system
- Advanced EDID management
- Compact design for easy and flexible installation

## TECHNICAL

HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.3
Video Bandwidth	48Gbps FRL and 18Gbps TMDS
Audio Latency	No Latency
Video Latency	No Latency
Video Resolution	Up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12bit
Audio Formats	<b>HDMI IN/OUT:</b> LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DSD, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DTS:X <b>eARC AUDIO OUT:</b> LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DSD, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DTS:X
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

## CONNECTIONS

Input:	1 × Source IN [HDMI Type A, 19-pin female]
Output:	1 × TV(eARC) OUT [HDMI Type A, 19-pin female] 1 × Amp AUDIO OUT [HDMI Type A, 19-pin female]
Control:	1 × SERVICE [USB Type C, Update port]

## MECHANICAL

Housing	Metal Enclosure
Color	Black
Dimension	95mm [W] × 68mm [D] × 18mm [H]
Weight	178g
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	4.5W (Max)
Operation Temperature	032 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20-90% RH (non-condensing)

## RECOMMENDED HDMI CABLES

VIDEO RESOLUTION	8K60	4K60	4K30	1080P
HDMI CABLE LENGTH (HDMI IN/ OUT)	2m/6.6ft ~ 3m/10ft (Ultra HDMI 2.1)	5m/16ft	10m/33ft	15m/49ft

The use of "Premium High Speed HDMI" cable is highly recommended.

## Classic Application Example

