



40Gbps HDMI Audio Embedder

Introducing our HDMI eARC Audio to Soundbar Adapter, meticulously crafted to seamlessly extract audio signals from HDMI sources or ARC/eARC-enabled TVs to transmit HDMI audio to your Soundbar. It supports data rates up to 48Gbps and is compliant with HDMI 2.1 and HDCP 2.3 standards. It effortlessly manages UHDTV 8K@60Hz resolutions.

This adapter is packed with convenient features like EDID management and cable equalization, ensuring effortless integration into your HDMI setup. It offers a hassle-free solution for routing audio signals to your Soundbar, simplifying HDMI installations. Plus, enjoy seamless CEC control from your TV to the source and Soundbar, enhancing your audiovisual experience.

Feature Highlights

- HDMI 2.1 and HDCP 2.3 compliant
- Support 48Gbps FRL and 18Gbps TMDS video bandwidth
- Support video resolution up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit
- HDMI 2.1 protocols: VRR, ALLM, QMS, QFT, SBTM are supported
- 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 eARC audio de-embedded to any Soundbar
- Full audio up to Dolby Atmos/DTS:x from eARC TV to SONOS ARC & Beam or any eARC Soundbar
- Support CEC control from TV to the source and Soundbar
- Support CEC volume control from TV to any sound system
- Advanced EDID management

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 | HDMI IN/OUT: 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 eARC AUDIO OUT: 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 |
| ESD Protection | IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge) |

CONNECTIONS

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|-----------------|---|
| Input: | 1 × Source IN [HDMI Type A, 19-pin female] |
| Output: | 1 × TV(eARC) OUT [HDMI Type A, 19-pin female] 1 × Soundbar eARC 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 | 4.13W (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
