



HDMI 2.0 eARC Audio Extractor

The 18Gbps HDMI eARC audio extractor supports the eARC function, which can extract eARC audio from a TV terminal and output it to the audio amplifier through the HDMI port so that the existing audio amplifier can play high-quality audio. It can effectively solve the problem that the supporting audio amplifier needs to be upgraded due to the upgrading of the TV.

Featured Highlights

- HDMI 2.0b and HDCP 2.3 / 1.x compliant
- Supports 18Gbps video bandwidth
- Supports video resolution up to 4K2K@60Hz with
- 24bit RGB/YCBCR 4:4:4
- Supports VESA format up to QSXGA@60Hz
- HDR, HDR10, HDR10+, Dolby Vision pass-through
- Supports PCM 2.0, LPCM 5.1 / 7.1, Dolby Digital,
- Dolby digital plus, Dolby True-HD, Dolby Atmos,
- DTS 5.1, DTS ES 6.1, DTS HRA, DTS HD Master, DTS:X
- Built-in Equalizer, Retiming, and Driver
- Dedicated HDMI output for audio only with 720p
- black screen
- Supports eARC/ARC audio (from TV) extract to HDMI audio output
- Supports CEC function and advanced EDID management

SPECIFICATIONS

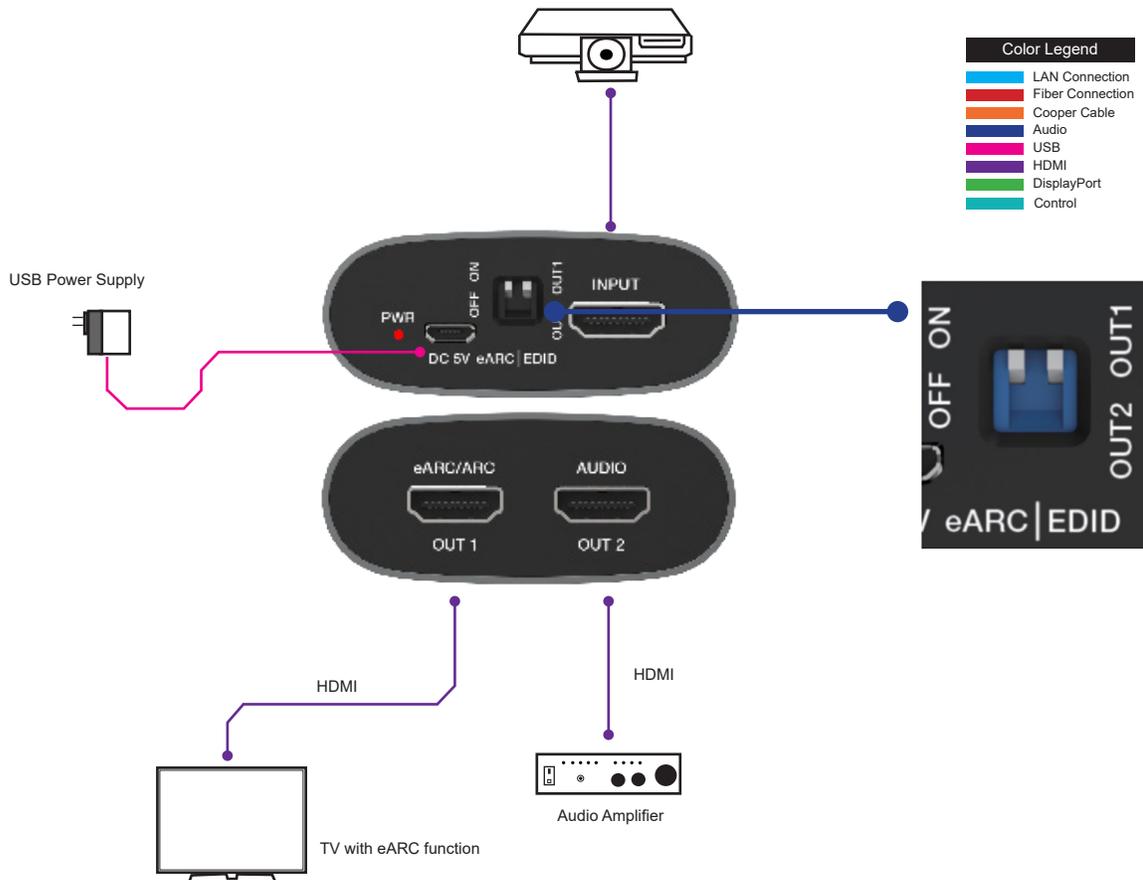
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|--------------------|---|
| HDMI Compliance | HDMI 2.0b |
| HDCP Compliance | HDCP 2.3 / 1.x |
| Video Bandwidth | 18 Gbps |
| Video Resolution | Up to 4k2k@60Hz 4:4:4 |
| Color Depth | 8-bit, 10-bit, 12-bit (1080p@60Hz) 8-bit (4K2K@60Hz YUV4:4:4) 8-bit, 10-bit, 12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0) |
| Color Space | RGB 4:4:4, YCbCr 4:4:4/4:2:2/4:2:0 |
| HDMI Audio Formats | PCM 2.0, LPCM 5.1 / 7.1, Dolby Digital, Dolby Digital plus, Dolby TrueHD, Dolby Atmos, DTS 5.1, DTS ES 6.1, DTS HRA, DTS HD Master, DTS:X |
| ESD Protection | Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge) |

CONNECTIONS

| | |
|---------|--------------------------------|
| Inputs | 1x HDMI Type A [19-pin female] |
| Outputs | 2x HDMI Type A [19-pin female] |

MECHANICAL

| | |
|-----------------------|--------------------------------|
| Housing | Aluminum Enclosure |
| Color | Silver |
| Dimension | 65mm[W] x 70mm[D] x 27mm[H] |
| Weight | 83g |
| Power Supply | USB 5V / 500mA |
| Power Consumption | 1.75W (Max) |
| Operating Temperature | 32 - 104°F / 0 - 40°C |
| Storage temperature | -4 - 140°F / -20 - 60°C |
| Relative Humidity | 20 - 90% RH (Non-Condensation) |

APPLICATION EXAMPLE

Applications

Digital Signage, Conference Rooms, Operating Rooms and Audio-Video Rooms