



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

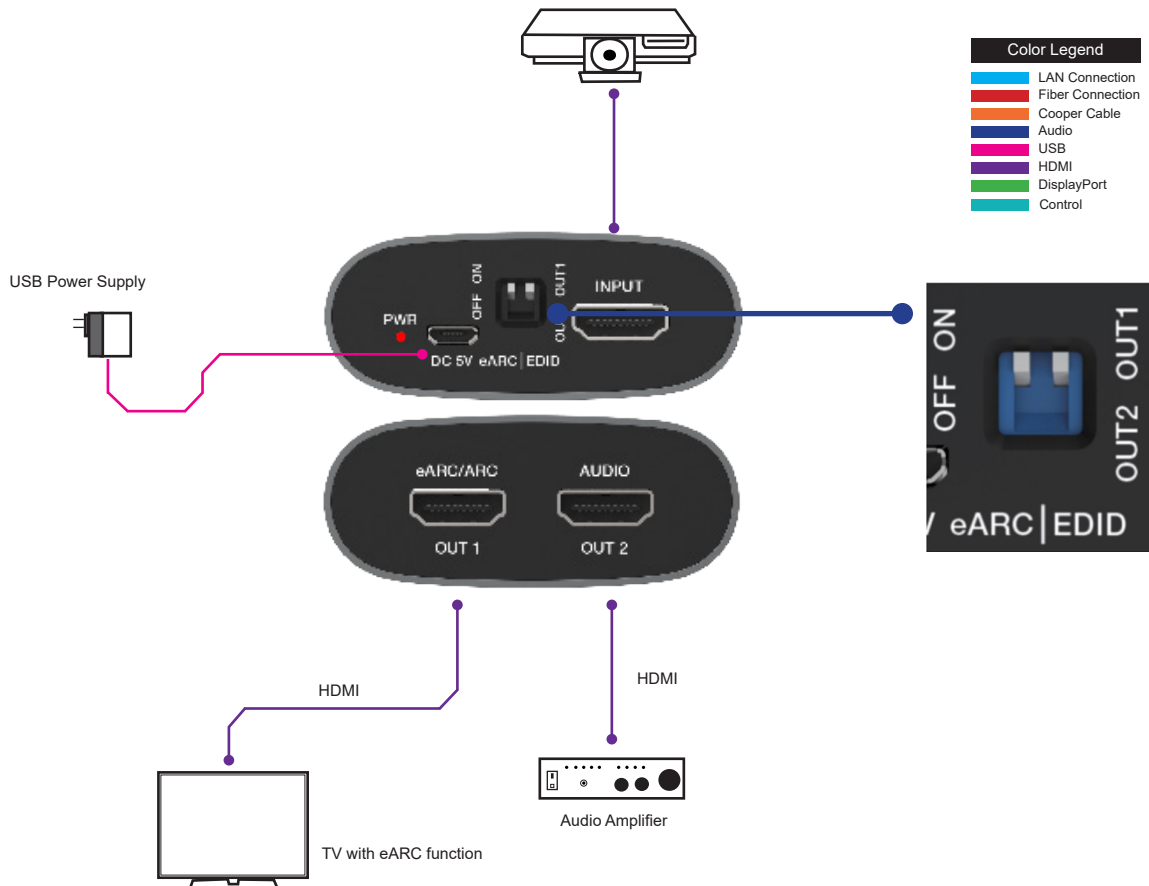
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.3 / 1.x
Video Bandwidth	18 Gbps
Video Resolution	Up to 4k2k@60Hz 4:4:4
Color Depth	8-bit, 10-bit, 12-bit (1080p@60Hz) 8-bit (4K2K@60Hz YUV4:4:4) 8-bit, 10-bit, 12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0)
Color Space	RGB 4:4:4, YCbCr 4:4:4/4:2:2/4:2:0
HDMI Audio 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