

Overview:

The HDMI Audio Extraction allows one (1) HDMI source to be distributed to one (1) HDMI display. The device supports up to 4K (3840 x 2160) video resolution at 60Hz, 8-bit color and HD audio.

The unit extracts LPCM, Dolby Digital, DTS, Dolby Digital Plus* and Atmos** digital audio from the S/PDIF TosLink port and 2CH analog audio from the 3.5mm 2CH audio port. The product is HDCP 2.2 compliant and features LED diagnostics.

Applications:

- Audio Distribution Systems
- K6 and K12 classroom AV systems
- Digital signage
- Boardroom systems
- Hospitality industry
- Collaborative PC systems
- Commercial and residential AV systems



Key Features:

- Allows one HDMI 2.0 source to be repeated and distributed to one HDMI display
- HDMI supports 4K video at 60Hz, 8-bit color depth
- HDMI supports LPCM 7.1CH, Dolby Digital, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS, DTS-HD-Master Audio, and DTS:X
- Extracts LPCM, Dolby Digital, Dolby Digital Plus*, DTS, and Dolby Atmos** digital audio via S/PDIF TosLink
- Extracts 2CH analog audio via 3.5mm jack

* For compressed Dolby Digital Plus signals only (in TV mode).

** For Atmos over compressed Dolby Digital Plus only (in TV mode).

Specifications	
Environment	HDMI 2.0
Devices	DVD/Blu-Ray, plasma, projectors, monitors, TV, PC, laptops
Transmission	Transparent to the user
Video Bandwidth	18Gbps
Signals	HDMI 2.0 protocol
Connectors	HDMI Type A 19-pin female, Toslink & 3.5mm Stereo Jack
LEDs	One (1) Power: Green One (1) Sync: Green
Resolution	480i to 1080p @ 50/60 Hz 1080p @ 24/50/60 Hz 3840 X 2160 @ 24/25/30/50/60 HZ VGA up to UXGA
Color	8, 10 & 12 bit
Audio Format	HDMI Output: LPCM 7.1CH, Dolby Digital, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS, DTS-HD-Master Audio, and DTS:X Optical Output: LPCM, Dolby Digital, Dolby Digital Plus*, DTS, and Dolby Atmos** digital audio via S/PDIF TosLink Stereo Output: 2CH analogue audio * For compressed Dolby Digital Plus signals only (in TV mode). ** For Atmos over compressed Dolby Digital Plus only (in TV mode).
Sampling Rate	HDMI Output: 192 KHz Optical Output: 192 KHz Stereo Output: 48 KHz
HDCP	Revision 2.2
Cables	HDMI Cable Audio cables: Optical with TosLink and 2CH analog with 3.5mm connectors.
Temperature	Operating: 0° to 40°C Storage: -20° to 60°C Humidity: up to 90% non-condensing
Enclosure	Metal enclosure
Dimensions	2.83" x 2.36" x 1.00" (72 mm x 60 mm x 25 mm)
Weight	0.73lbs (0.33Kg)
Power Supply	5VDC, 1A with interchangeable blade for US, UK and Euro
Compliance	Regulatory: FCC, CE, RoHS
Warranty	2 years
Order Information	AV-AUDHDMI-EXT HDMI Audio Extraction (UPC: 612825427773)

Typical Application

