

**Overview:**

The HDMI Audio Extractor with Dolby & DTS Downmixer (500439) extracts digital audio from a video source up to HDMI 2.0 and downmixes up to Dolby Atmos, DTS:X and LPCM 7.1 channels to 2CH analog audio via RCA L/R jacks. In addition, the unit allows the HDMI source up to 4K resolution at 60Hz (4:4:4) to be looped out and extended to a local display, and supports Dolby Vision.



**Applications:**

- Commercial and residential AV systems
- Classroom projector systems
- Digital signage
- Boardroom systems
- Collaborative PC systems
- Medical information systems

**Key Features:**

- Extract digital audio from a video source
- Downmixes digital audio up to Dolby Atmos, DTS:X and LPCM 7.1 channels to 2CH analog audio
- Extracted 2CH audio available via L/R RCA jacks
- HDMI In with HDMI Loop Out
- Supports resolutions up to 4K/60, and Dolby Vision
- HDCP 1.4 and 2.2 Compliant

Specifications	
<b>Environment</b>	Video: Up to HDMI 2.0a (4K/60), and Dolby Vision Audio: Up to Dolby Atmos, DTS:X and LPCM 7.1 channels
<b>Devices</b>	Cable/Satellite Set-Top Box, DVD, Blu-Ray, TV, PC, laptops.
<b>Video Bandwidth</b>	18 Gbps
<b>Frequency Range</b>	25 to 600 MHz
<b>Signals</b>	HDMI 2.0a protocol (4K/60) and Dolby Vision, Dolby Digital, Doby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS, DTS-HD Master Audio, DTS:X and LPCM up to 7.1 channels.
<b>HDCP</b>	Revision 1.4 & 2.2 compliant.
<b>Connectors</b>	Two (2) HDMI connectors Two (2) RCA Connectors One (1) Mini-USB (for firmware updates) <i>Note: Audio cables not included.</i>
<b>Distortion</b>	<0.001% @ 1KHz
<b>SNR</b>	> 90 dB (20Hz – 20 KHz)
<b>Sample Rate</b>	32, 44.1, 48, 96 and 192 KHz
<b>Power Supply</b>	One (1) 110-240V/5VDC power supply
<b>Power Consumption</b>	3.20 Watt
<b>Temperature</b>	Operating: 0° to 40°C <span style="float: right;">Storage: -20° to 85°C</span> Humidity: Up to 95% non-condensing
<b>Enclosure</b>	Metal with ABS fire retardant plastic panel
<b>Dimensions</b>	4.50" x 3.00" x 1.25" (114 x 76 x 32 mm)
<b>Weight</b>	1.0 lb (0.45 kg)
<b>Compliance</b>	Regulatory: FCC, CE, RoHS <span style="float: right;">Flammability: 94V0</span>
<b>Warranty</b>	2 years
<b>Order Information</b>	500439 HDMI Audio Extractor with Dolby & DTS Downmixer (UPC: 627699004395)

Typical Application

