

Overview:

The HDMI to HDMI with Audio Embedder, 4K/60 (Model 100527) allows embed audio signals from digital optical or analog stereo Line audio to HDMI output. Further, both input and output HDMI support video resolution up to 4K/60Hz (4:4:4). The device supports 10bits HDR (High Dynamic Range) pass through and HDMI high resolution digital audio formats bypass, LPCM 2CH, Dolby TrueHD, Dolby Digital Plus, Dolby Atmos and DTS-HD Master Audio. The unit is HDCP 2.2 compliant and supports CEC bypass.



Key Features:

- Embeds multi-channel optical (SPDIF) or Line analog audio to HDMI output
- Optical audio supports LPCM 2CH, Doby Digital 2/ 5.1CH, DTS 2/5.1CH
- Analog audio supports PCM2.0
- HDMI 2.0b (18Gbps), HDCP 2.2 and DVI 1.0 compliant
- Video resolutions up to 4K2K@50/60Hz (4:4:4)
- Supports HDMI High Bit Rate (HBR) audio pass through
- 10bits HDR (High Dynamic Range) pass through
- Supports CEC bypass

Applications:

Commercial and residential AV systems
Classroom training systems
Digital signage
Boardroom systems
Medical video systems

Specifications		
HDMI Compliance	HDMI 2.0b	
HDCP Compliance	HDCP 2.2 and HDCP 1.4	
Video Bandwidth	18Gbps	
Video Resolution	Up to 4K/60Hz (4:4:4)	
Color Depth	10-bit, 12-bit	
Color Space	RGB, YCbCr 4:4:4 / 4:2:0.	
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X	
Optical Audio Formats	LPCM 2CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH	
L/R Audio Formats	Analog Stereo 2CH	
Connection	Inputs	1 x HDMI Type A [19-pin female] 1 x Line In [3.5mm Stereo Mini-jack] 1 x Optical In [S/PDIF]
	Outputs	1 x HDMI Type A [19-pin female]
Enclosure	Metal Enclosure	
Color	Black	
Dimensions (WxDxH)	73.5mm x 60.7mm x 17mm	
Weight	122g	
Power Consumption	1.25W	
Power adapter	5V/1A DC	
Operation Temperature	32 - 104°F / 0 - 40°C	
Storage Temperature	-4 - 140°F / -20 - 60°C	
Relative Humidity	20 - 90% RH (no condensation)	
Warranty	1 year	
Order Information	100527 HDMI to HDMI with Audio Embedder 4K/6 (UPC:627699505274)	

Typical Application

