



Introduction

The Atлона AT-HD570 is an HDMI Audio De-Embedder with 3D Support. Input an HDMI signal to the HD570 and it de-embeds the audio signal to either Optical or Multi-Channel analog audio outputs. This audio de-embedder supports uncompressed analog LPCM 7.1, 5.1, 2ch through the multi-channel analog outputs. On the optical output it supports Dolby Digital, LPCM 2CH and DTS signals. Dolby TrueHD and DTS-HD Master Audio pass through HDMI connection without being de-embedded.

Key Features

- Audio de-embedding through multichannel analog audio and digital optical audio output ports.
- Signal amplification and equalization to extend HDMI input and output ports up to 15 meters (50 feet).
- De-embedded audio up to LPCM 7.1 through the analog audio outputs.
- De-embedded audio up to Dolby Digital / DTS 5.1 through the optical audio output.
- Pass through audio up to Dolby TrueHD or DTS-HD Master Audio on HDMI.
- Audio sample rate supported up to 192kHz.
- Video up to 1080p@60Hz on HDMI.
- 3D pass through.
- CEC pass through.
- HDCP 1.4 Compliant.

Specifications

Video		
Signal	HDMI	
Copy Protection	HDCP 1.1	
UHD/HD/SD	1080p@60/59.9/50/30/29.97/25/ 24/23.98Hz 1080i@30/29.97/25Hz 720p@60/59.94/50Hz	576p@50Hz 576i@25Hz 480p@60/59.96Hz 480i@30Hz
VESA	1920x1200 1680x1050 1600x1200 1440x900 1400x1050 1360x768	1366x768 1280x1024 1280x800 1024x768 800x600 640x480
All resolutions are 60Hz		
Color Space	YCbCr, xvYCC	
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0	
Color Depth	8-bit, 10-bit, 12-bit	

Audio			
HDMI Pass-Through Formats	PCM 2.0 LPCM 5.1 LPCM 7.1	Dolby® Digital Dolby Digital Plus™ Dolby TrueHD	DTS® Digital Surround™ DTS-HD Master Audio™
Optical Out	PCM 2.0 LPCM 5.1	Compressed: Dolby® Digital Dolby Digital Plus™	Compressed: DTS® Digital Surround™
Multichannel Out	PCM 2.0 LPCM 5.1 LPCM 7.1		
Bit Depth	up to 24-bit		
Sample Rate	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz		

Resolution / Distance	1080p - Feet	1080p - Meters
HDMI IN/OUT	30	10

Connectors	
HDMI IN	1 - Type A, 19-pin female
HDMI OUT	1 - Type A, 19-pin female
HDMI OUT	1 - Type A, 19-pin female
Multichannel Out	4 - 3.5mm jacks
Optical Out	1 - TOSLINK port, female
DC 5V	1 - DC 5V

Environmental	Fahrenheit	Celsius
Operating	32 to 122	0 to 50
Storage	-4 to 140	-20 to 60
Humidity (RH)	20% to 60%, non-condensing	

Power	
Consumption	Full: 6 W Idle: 1 W
Supply	Input: AC100~240V 50/60Hz Output: DC 5V / 2.6A

Dimensions	Inches	Millimeters
H x W x D	0.93 x 4.2 x 2.95	23.7 x 106.8 x 75

Weight	Pounds	Kilograms
Unit	0.66	0.3

Certification	
Device	CE, FCC
Supply	CE, FCC, cULus, RoHS

Accessories

SKU	Description
AT-LC-H2H-1M	LinkConnect HDMI to HDMI 1 Meter Cable
AT-LC-H2H-2M	LinkConnect HDMI to HDMI 2 Meter Cable
AT-LC-H2H-3M	LinkConnect HDMI to HDMI 3 Meter Cable