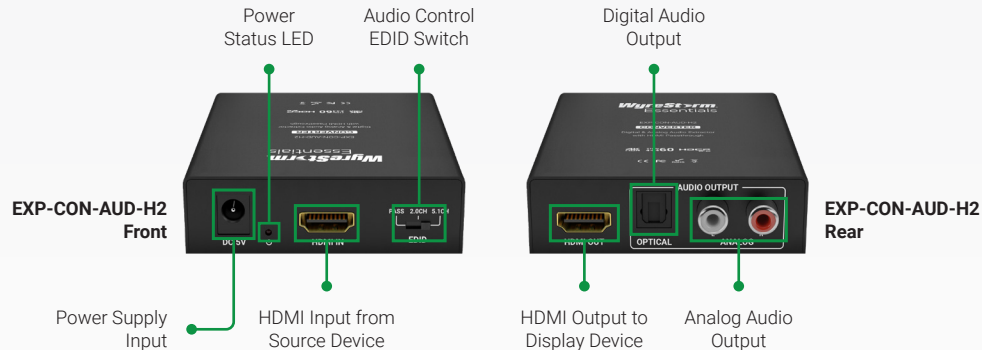


WyreStorm Essentials™ Analog & Digital Audio Extractor with HDMI Passthrough and Audio EDID Management

EXP-CON-AUD-H2

WyreStorm Essentials Specification Sheet



2160p
4:4:4 60
4K HDR HDMI HDCP 2.2

WyreStorm - Powerful. Reliable. Simple.

Introduction

The WyreStorm EXP-CON-AUD-H2 is a powerful plug and play 4K audio de-embed solution with full 18Gbps HDMI and HDCP 2.2 support. The EXP-CON-AUD-H2 allows digital or analog audio to be de-embedded from the source to be sent to an audio distribution system, such as an AVR or amplifier. Perfect for when the source de-embed isn't available, all while passing video up to 4k@60Hz 4:4:4 to a display projection screens or video matrix.

Additionally, the EXP-CON-AUD-H2 has a 3 audio EDID settings, which aids in video distribution, bypassing the need for the source to be connected directly to the AVR/AMP over HDMI.

Key Features

- Supports resolutions of up to 2160p 4:4:4/60
- Fully HDCP 2.2 compliant pass-through
- HDMI audio de-embed featuring digital S/PDIF and left/right analog audio
- Compact, low profile design; easy to install
- Integrate multiple to create custom audio ecosystem
- 3 gear sliding switch for easy audio EDID setting; Pass-through, 2ch and 5.1
- Automatic cable equalization and signal regeneration/compensation for optimal audio/video compatibility

In the Box

1x EXP-CON-AUD-H2 Converter
1x 5V DC 1A Power Supply with Wall Adapters
2x Mounting Brackets

Specifications

Audio and Video		
Inputs	4x HDMI In: 19-pin type A	
Outputs	1x HDMI Out: 19-pin type A 1x RCA Female Stereo (L/R) 1x S/PDIF TOSLINK	
Audio Formats	HDMI: 2ch PCM Multichannel: LPCM and up to DTS-X and Dolby Atmos Analog: 2ch LPCM Toslink: 5.1ch surround sound	
Video Resolutions (Max)	Resolution	HDMI
	1920x1080p @60Hz 12bit	15m/49ft
	1920x1080p @60Hz 16bit	7m/23ft
	3840x2160p @24Hz 10bit 4:2:0 HDR	7m/23ft
	3840x2160p @30Hz 8bit 4:4:4	5m/16ft
	3840x2160p @60Hz 10bit 4:2:0 HDR	5m/16ft
	4096x2160p @60Hz 8bit 4:2:0	5m/16ft
	4096x2160p @60Hz 8bit 4:4:4	3m/10ft
Supported Standards	DCI RGB HDR HDR10 Dolby Vision (Pass-Through EDID only) HLG BT.2020 BT.2100	
Maximum Pixel Clock	600MHz	
Communication and Control		
HDMI	HDCP 2.2 DVI-D supported with adaptor (not included)	
Power		
Power Supply	5V DC 1A	
Max Power Consumption	2.88W	
Environmental		
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing	
Storage Temperature	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing	
Maximum BTU	9.83 BTU/hr	
Dimensions and Weight		
Rack Units/Wall Box	<1U	
Height	22mm/0.86in	
Width	80mm/3.15in	
Depth	90mm/3.54in	
Weight	0.23kg/0.51lbs	
Regulatory		
Safety and Emission	CE FCC RoHS	

Right Product for the Right Application.

