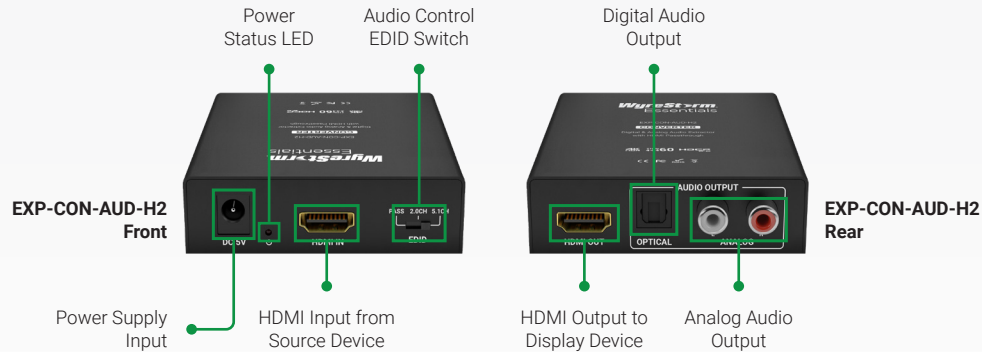


# WyreStorm Essentials™ Analog & Digital Audio Extractor with HDMI Passthrough and Audio EDID Management

EXP-CON-AUD-H2

**WyreStorm**  
Essentials  
Specification Sheet



2160p  
4:4:4 60 HDR 4K 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

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

*Right Product for the Right Application.*

