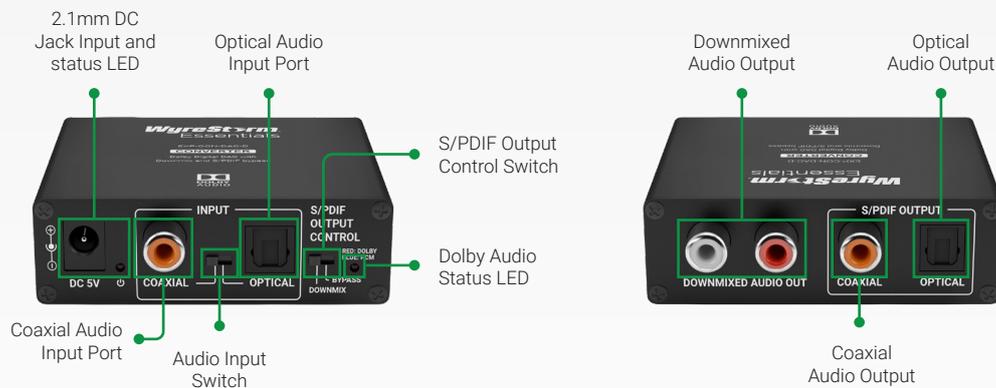


Digital Audio DAC with Downmix and S/PDIF Bypass

EXP-CON-DAC-D v2



WyreStorm - Powerful. Reliable. Simple.

Introduction

The WyreStorm EXP-CON-DAC-D is a Digital to analogue audio converter capable of taking up S/PDIF audio encoded as Dolby Digital 5.1 from a compatible coaxial or TOSLINK audio source and downmixing to analogue stereo. Additionally the switchable digital output allows the signal to be output in its original form or downmixed like the stereo RCA output.

Key Features

- Converts S/PDIF digital audio signals to analogue stereo
- Supports up to 6 channels of audio encoded as Dolby Digital 5.1
- Supports I/O conversion of Toslink-Coaxial or Coaxial-Toslink
- Auto selection of 32, 44.1 or 48 KHz sampling rates
- Includes digital interpolation filter
- Low-latency digital filtering
- Accepts uncompressed PCM digital audio input signals
- Optical (Toslink) and digital coaxial inputs with input select switch
- Simultaneous analogue & S/PDIF output
- Optical (Toslink) and digital coaxial outputs
- Digital output control switch for S/PDIF bypass or downmix
- LED Power indication
- Powered by 5v (Mains PSU and USB power cable included)
- Can be powered by 3rd party USB device ports (min. 500mA supply)
- Compact aluminium chassis

Manufactured under license from Dolby Laboratories

In the Box

- 1x EXP-CON-DAC-D Converter
- 1x 5V DC 1A Power Supply with Wall Adapters
- 1x USB-DC Power Cable

Specifications

Audio and Video	
Inputs	1x Coaxial: S/PDIF Digital Coaxial 1x Optical: TOSLINK Digital Optical
Outputs	1x L/R Audio: RCA Stereo 1x Coaxial: S/PDIF Digital Coaxial 1x Optical: TOSLINK Digital Optical
Audio Formats	2ch PCM (24bit/96kHz max) Dolby Digital 5.1
Output Impedance	552Ω
Output Voltage	2.0V RMS @ Max Input (0dBFS)
Frequency Response	20Hz~20kHz <+/-0.5dB
Signal to Noise Ratio	> 90dB (20Hz~ 20kHz)
THD + Noise (floor)	0.006%~0.042% (1kHz at 2V RMS)
Power	
Power Supply	5V DC 1A
Max Power Consumption	0.48W
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	1.6 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	<1U
Height	24mm/0.94in
Width	80mm/3.15in
Depth	76mm/2.99in
Weight	0.11kg/0.24lbs
Regulatory	
Safety and Emission	CE FCC RoHS
Accessories	
What's included?	1 x WyreStorm EXP-CON-DAC-D Analog audio converter 1 x Universal 5V DC/1A power supply

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.

Right Product for the Right Application.

