

WyreStorm Express™ Digital to Analog Audio Converter

EXP-CON-DAC

WyreStorm[®] Express

Specification Sheet



WyreStorm - Because the Technology Matters.

Introduction

The WyreStorm Express EXP-CON-DAC is a digital to analogue audio converter capable of decoding connected S/PDIF coaxial or TOSLINK digital audio sources to standard analogue stereo with inputs selectable via onboard input select switch.

Key Features

- Converts S/PDIF digital audio (PCM) signals from compatible device to analog stereo audio
- Includes digital interpolation filter
- Accepts uncompressed digital audio input signals
- 2ch LPCM (Linear Pulse Code Modulation) at 32, 44.1, 48, 96 & 192 KHz
- 24-bit S/PDIF incoming bitstream on left and right channels
- Optical & Digital Coaxial inputs
- Input Select switch
- LED Power indication
- Compact design
- Supports audio signals up to 24-bit with sampling rates up to 192 kHz
- Low-latency Digital Filtering
- Dynamic Range: 106 dB A-wt
- THD+N (Total harmonic distortion plus noise) rating: -93dB

In the Box

- 1x EXP-CON-DAC Analogue audio converter
- 1x 5v DC power supply

Specifications

Audio and Video	
Inputs	1x Coaxial In: S/PDIF Coaxial Digital 1x Optical In: TOSLINK (Digital Optical)
Outputs	1x Audio Out: RCA Male Stereo (L/R)
Audio Formats	2ch PCM (24bit/192kHz max)
Output Impedance	500Ω
Output Voltage	1.8V RMS @ Max Input (0dBFS)
Frequency Response	20Hz~20kHz <+/-0.5dB
Signal to Noise Ratio	> 90dB (20Hz~ 20kHz)
Distortion	<0.001% @ 1kHz at 2V RMS
Power	
Power Supply	5V DC 1A
Max Power Consumption	1W
Environmental	
Operating Temperature	0~+ 45°C (32~+ 113 °F), 10%~90%, non-condensing
Storage Temperature	-20~+70°C (-4~+ 158 °F), 10%~90%, non-condensing
Maximum BTU	3.4 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	<1U
Height	24mm/0.95in
Width	64mm/2.52in
Depth	64mm/2.52in
Weight	0.86kg/1.89lbs
Regulatory	
Safety and Emission	CE FCC RoHS

Right Product for the Right Application.

