



Introduction

This HDTV Supply **WolfPack 4x4 Digital Audio Processor with 4x150W 8ohms** is an all-in-one audio-video processor with a built-in USB sound card supporting playback, recording, and conferencing (e.g., ZOOM, Tencent, DingTalk).

It features 8-band parametric EQ with 5 filter options, a customizable user interface for managing up to 30 devices, and centralized control via RS232, RS485, and UDP for seamless system integration.

Features

- Processor: ADI SHARC 21489
- Sampling rate/quantization bits: 48K/24bit
- 40bit DSP floating point operation engine
- Number of analog input channels: 4
- Input gain: 0/6/12/18/24/30/36/42/48 dB
- Phantom power: +48V/10mA max
- Frequency response (20~20kHz): ± 0.5 dB
- Maximum level: +18dBu
- THD+N: <-95dB @17dBu
- Input dynamic range: 113dB
- Output dynamic range: 113dB
- Channel isolation @1kHz: 108dB
- Input impedance (balanced connection): 5.4K Ω
- Output impedance (balanced connection): 600 Ω
- System delay: <3ms
- Amplifier parameters:
- Output power (EIAJ test standard): Stereo 4*150W/8 Ω , bridged 300W/8 Ω
- Input sensitivity: 2V
- Frequency response: 20Hz-20kHz (± 0.5 dB)@1W, 8 Ω
- Signal-to-noise ratio: >80dB (20Hz-20kHz, A weighted)

- Crosstalk isolation: 80dB@1kHz
- THD + N: < 0.08% from 0.1W to 1/2 power (typically <0.05%)
- DIM100: < 0.2% from 0.1W to 1/2 power (typically <0.05%)
- Input impedance: 4.5kΩ balanced
- Conversion rate: 50V/μs@8Ω, input filter bypassed
- Damping coefficient: >500@1KHz

Specification

Name	WolfPack 4x4 Digital Audio Processor
Processor	ADI SHARC 21489
Sampling Rate/Bit Depth	48K/24bit with a 40bit DSP floating-point engine
Analog Input/Output Channels	4 x 4
Input Gain	0/6/12/18/24/30/36/42/48 dB
Phantom Power	+48V/10mA max
Frequency Response (20~20kHz)	±0.5dB
Maximum Level	+18dBu
THD+N	< -100dB @4dBu
Dynamic Range (Analog Channels)	110dB
Input Dynamic Range	110dB
Output Dynamic Range	112dB
Channel Crosstalk @1kHz	108dB
Input Impedance (Balanced)	5.4KΩ
Output Impedance (Balanced)	600Ω
System Delay	< 3ms
Output Power (EIAJ Standard)	Stereo 4 x 150W/8Ω, Bridged 300W/8Ω
Input Sensitivity	2V
Frequency Response	20Hz-20kHz (±0.5dB) @1W, 8Ω
Signal-to-Noise Ratio	>80dB (20Hz-20kHz, A-weighted)
Crosstalk Isolation	80dB @1kHz
THD+N	< 0.08% from 0.1W to 1/2 power (typically <0.05%)

DIM100	< 0.2% from 0.1W to 1/2 power (typically <0.05%)
Input Impedance	4.5kΩ balanced
Slew Rate	50V/μs @8Ω, input filter bypassed
Damping Factor	>500 @1kHz
Power Supply	90V-264V, 50-60Hz
Dimensions (W x D x H)	19 x 10.5 x 1.77 Inch
Weight	15.5 LBS