

Audio Digital Signal Processor

"Advance technology Audio Digital Signal Processor"



Audio Digital Signal Processor

Input Channel

Signal Processing

Audio System Delay

Digital-Analog Conversion

Audio Interface

Sampling Rate

Input Impedance

Maximum Input Level

Phantom Power

Output Channel

Output Impedance

Frequency Response

Total harmonic distortion (THD+N)

Signal to Noise Ratio

USB Port

Serial port communication

GPIO Port

TCP/IP Network Port

Indicator Light

Menu selection button

Power Supply

Input/output requirements

Level Sensitivity Adjustment

Phantom Power switching

Audio mixing

PoE Support

Pro-AD-305

8-channel balanced inputs, Mic/line level

32-bit fixed/floating-point DSP 300MHz

< 1ms

24-bit

3.81 mm Phoenix plug, 12-pin

48KHz

11.5KO

12dBu/Line, -9dBu/Mic

+48VDC, 6.5mA, configured in each channel

8-channel balanced outputs, line level

1500

20Hz-20kHz(+0.5dB)/Line 20Hz-20kHz(+1.5dB)/Mic

-90dB(@12dBu, 1kHz,A-wt)/Line -86dB(@-7dBu, 1kHz,A-wt)/Mic

105dB(@12dBu, 1kHz,A-wt)/Line 95dB(@-7dBu, 1kHz,A-wt)/Mic

Micro-B type, drive-free

1x RS232 Port, 1x RS485,

10 pin GPIO port

1x RJ-45 Port

Power, network, Link, +48V, input and output audio signal

Rotating button with selection function

AC100V---240V 50/60 Hz

Minimum 8 channels audio input & 8 channels audio output support microphone input and line input with easily switching function

Each microphone input 9 levels of sensitivity adjustment

Each input 48V phantom power switch

Device automatic mixing and matrix mixing functions for Audio Signals

Support PoE to connect up to 8 nos of ceiling microphone in Dasy chain