Impact Series

Audio Digital Signal Processor

MODEL: GIL-ADSP-8P

GIL-ADSP-8P

Model	GIL-ADSP-8P
Signal Processing	32-bit fixed/floating-point DSP 300MHz
Audio System Delay	< 1ms
Digital-Analog Conversion	24-bit
Sampling Rate	48KHz
Input Channel	8-channel balanced inputs, Mic/line level
Audio Interface	3.81 mm Phoenix plug, 12-pin
Input Impedance	11.5K Ω
Maximum Input Level	12dBu/Line, -9dBu/Mic
Phantom Power	+48VDC, 6.5mA, configured in each channel
Output Channel	8-channel balanced outputs, line level
Output Impedance	150 Ω
Frequency Response	20Hz-20kHz(+-0.5dB)/Line; 20Hz-20kHz(+-1.5dB)/Mic
Total harmonic distortion (THD+N)	-90dB(@12dBu, 1kHz,A-wt)/Line; -86dB(@-7dBu, 1kHz,A-wt)/Mic
Signal to Noise Ratio	105dB(@12dBu, 1kHz,A-wt)/Line; 95dB(@-7dBu, 1kHz,A-wt)/Mic
USB Port	Micro-B type, drive-free
Serial port communication	1x RS232 Port, 1x RS485,
GPIO Port	10 pin GPIO port
TCP/IP Network Port	1x RJ-45 Port
Indicator Light	Power, network, Link, +48V, input and output audio signal
Menu selection button	Rotating button with selection function
Power Supply	AC100V---240V 50/60 Hz
Input/output requirements	Minimum 8 channels audio input & 8 channels audio output support microphone input and line input with easily switching function
Level Sensitivity Adjustment	Each microphone input 9 levels of sensitivity adjustment
Phantom Power switching	Each input 48V phantom power switch
Audio mixing	Device automatic mixing and matrix mixing functions for Audio Signals
PEQ Adjustment	Device minimum 16 bands PEQ adjustment for input signal and 10 bands PEQ adjustment for output Signals
PTZ camera control	Device support PTZ camera Control to functionate voice tracking functionality