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Digital Signal Processor



Product Specifications

Model No	HT-ASP-2000
Digital-Analog Conversion	24-bit
Sampling Rate	48 KHz
Signal Processing	32-bit fixed/floating-point DSP 300MHz
Audio System Delay	< 1ms
Input Channel	16-channel balanced inputs, Mic/line level
Input Impedance	11.5K Ohm
Audio Interface	3.81 mm Phoenix plug, 12-pin
Maximum Input Level	12dBu/Line, -7dBu/Mic
Phantom Power	+48VDC, 6.5mA, configured in each channel
Output Channel	16-channel balanced outputs, line level
Output Impedance	150 Ohm
Signal to Noise Ratio	Line: 105dB (@12dBu,1kHz, A-wt.), Gain: 95dB (@-7dBu,1kHz, A-wt.)/Mic, 20dB
Total harmonic distortion	Line: -90dB (@12dBu,1kHz, A-wt.), Gain: -86dB (@-7dBu,1kHz, A-wt.)/Mic, 20dB
Frequency Response	Line: 20Hz-20kHz(+0.5dB), Gain: 20Hz-20kHz(+1.5dB)/Mic, 20dB
Ports	Micro-B type, drive-free, 1x RS232 Port, 1x RS485, 10 pin GPIO port, 1x RJ-45 Port
Indicator Light	I/O Audio Signals, Power, Link, +48V
Power Supply	AC100V---240V 50/60 Hz
Audio I/O Support	16 channels audio input & 16 channels audio, microphone input and line input with easily switching function
Eco Cancellation Mode	AEC echo cancellation and ANC noise cancellation function (suitable for Video conferencing requirement)
Audio Mixing	Automatic mixing and matrix mixing functions for Audio Signals
PEQ Adjustment	16 bands PEQ adjustment for input signal and 10 bands PEQ adjustment for output signals
PTZ Camera Control	Functionate voice tracking functionality
Level Sensitivity Adjustment	9 levels of sensitivity adjustment (each mic)
Phantom Power switching	Each input 48V phantom power switch
Feedback Suspensor	2 levels adjustment with each audio input



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