DP408P

4 Input & 8 Output Professional Audio Processor

Description

DP408P is a 4 Input & 8 Output Professional Audio Processor, integrated with high performance DSP process, Dynamic EQ, FIR automatic linear phase and other powerful function. This speaker processor supports a variety of input signal: Analog\AES3\Dante network audio. Standard FIR designer in Mconsole provide automatic linear magnitude and phase function, user can take an easy way to set their speakers parameters.

With RJ45\USB and RS232 connectors, PC software Mconsole provides user a easy way to control multiple devices. RS232 connectors support device being controlled from third-party system.

Features

- 4 analog inputs and 8 analog outputs.
- Each input support to switch AES3 signal.
- 4 channels Dante network audio optional.
- High performance DSP process, 96k24bit sampling rate.
- Input with 15 bands PEQ, output with 10 bands PEQ.
- Support HPF and LPF with Butterworth\Bessel\Linkwitz-Riley. Support LSLV and HSLV. Support ALL-PASS, Band pass, Band stop filters, Phase, Notch filter, 3 kinds of High pass and Low pass.
- Input with 3 bands Dynamic EQ.
- Input with 4 x 512Taps 48k FIR linear phase setting.
- Output with 4 x 512Taps 48k FIR linear phase setting.
- Standard FIR automatic linear phase function designer.
- Support presets archiving and locking, hide setting parameters.
- Control connections: USB or TCP/IP. Configured with RS232 central control connection.
- Nice GUI windows7/8/10/11 software .
- Colourful LED indicator for input and output signal.
- High analytical power, wide dynamic audio performance, suitable for stage, bar and other high-end sound systems.

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Model	DP408P
DSP Process	
Process	ADI SHARC 21489 450MHz
System Delay	2.1ms
AD/DA	24-bit 96KHz
Analog Audio Inputs & Outputs	
Input	4 Channels Balanced
Input Interface	XLR(Neutrik®)
Input Impedance	20KΩ
Max Input level	20dBu/Line
Dante in/out	4*4 Channels Optional
Output	8 Channels Balanced Line level
Output Interface	XLR(Neutrik®)
Output Impedance	50Ω
Audio Performance	
Frequency Response	20Hz-20kHz(+-0.5dB)/Line
THD+N	-93dB(@0dBu,1kHz,A-wt)/Line
Ground Noise	20Hz-20kHz, A-wt, -93dBu
SNR	113dB(@16dBu,1kHz,A-wt)/Line
Connect Ports & Indicators	
USB	Type A-B, free driver
RS232	Serial Port Communication
TCP/IP Interface	RJ-45
Indicator Light	Clip, Level, Edit, Mute
Electrical and Physical	
Supply	AC100V～240V 50/60 Hz
Products Dimensions	483mm×265mm×44.5mm
Packaged Dimensions	537mm×343mm×77mm
Net Weight	3.8kg
Packaged Weight	4.2kg
Operating Temperature	-20℃-80℃

Front / Rear Panel

LCD display

Function select and setting buttons

Short press to mute
Long press to edit parameter

USB-B connection

Power plug in and switch

RS232 connection

RJ45 connection

Dante network audio (Pro version)

Balanced XLR input and output (Pro version support AES)

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The specifications will be subject to change without prior notice.