

DP408P

4 Input and 8 Output Professional Audio Processor



Description

The DP408P is a 4-input, 8-output professional audio processor featuring high-performance DSP processing, Dynamic EQ, and FIR-based automatic linear phase correction. It supports multiple input signal formats: analog, AES3, and Dante network audio. The standard FIR designer integrated into MConsole provides automatic linear magnitude and phase adjustment, allowing users to easily configure speaker parameters.

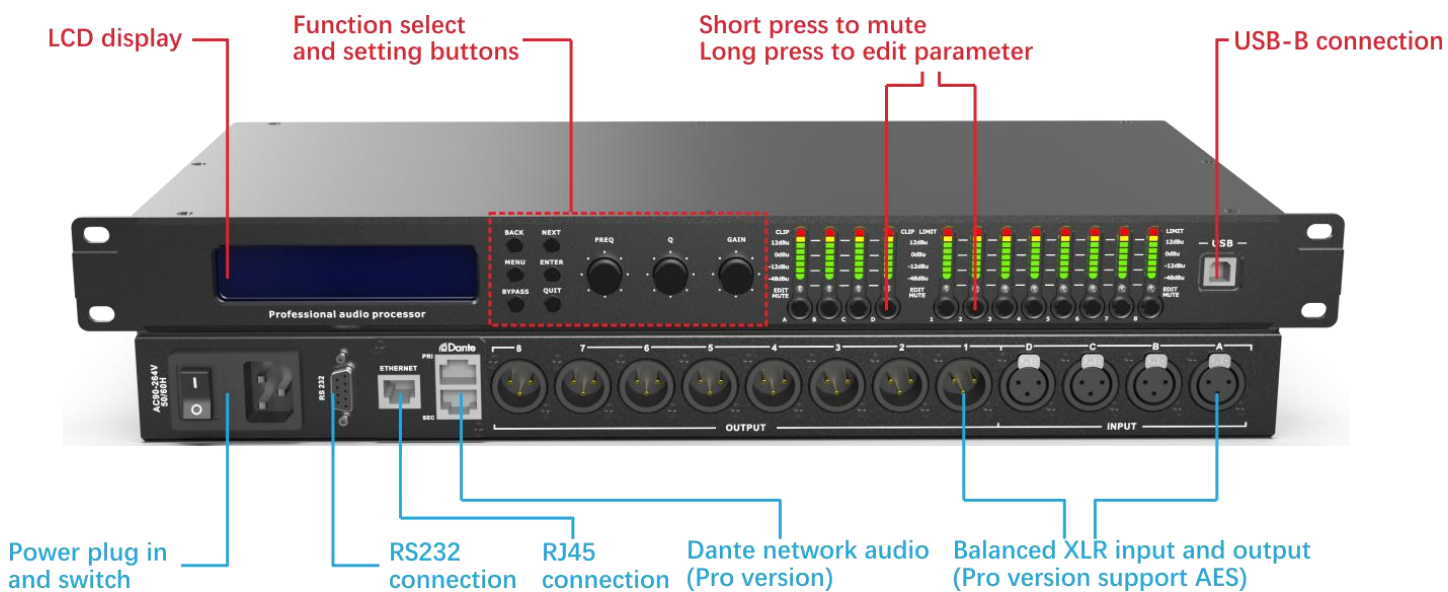
Features

- 4 analog inputs and 8 analog outputs.
- Each input supports AES3 signal switching.
- 4-channel Dante network audio optional.
- High-performance DSP processing with 96kHz / 24-bit sampling rate.
- 15-band PEQ for inputs and 10-band PEQ for outputs.
- Supports HPF and LPF with Butterworth, Bessel, or Linkwitz-Riley characteristics. Supports LSLV and HSLV. Also supports ALL-PASS, band-pass, band-stop, phase, notch filters, and 3 types of high-pass and low-pass filters.
- 3-band Dynamic EQ for inputs.
- 4 × 512 Taps 48kHz FIR linear phase processing for inputs.
- 8 × 512 Taps 48kHz FIR linear phase processing for outputs.
- Standard FIR automatic linear phase function designer.
- Supports preset archiving and locking for hiding setting parameters.
- Control interfaces: USB or TCP/IP. Equipped with RS232 for central control integration.
- User-friendly GUI software for Windows 7/8/10/11.
- Colorful LED indicators for input and output signal status.
- High analytical power and wide dynamic audio performance, suitable for stage, bar, and other high-end sound systems.

Model	DP408P
DSP Process	
Process	ADI SHARC 21489 450MHz
System Delay	2.1ms
AD/DA	24-bit 96KHz
Analog Audio Input and Output	
Input	4 Channels Balanced.
Input Interface	XLR
Input Impedance	20KΩ
Max Input Level	20dBu/Line
Dante in/out	4*4 Channels Optional
Output	8 Channels Balanced. Line Level
Output Interface	XLR
Output Impedance	50Ω
Audio Performance Specification	
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
Connection Port and Indicator	
USB	Type A-B, Free Driver
RS232	Serial Port Communication
TCP/IP Interface	RJ-45
Indicator Light	Clip, Level, Edit, Mute
Electrical and Physical Parameters	
Supply	AC100V ~ 240V 50/60 Hz
Products Dimensions	483mmx265mmx44.5mm
Packaged Dimensions	537mmx343mmx77mm
Net Weight	3.8kg
Packaged Weight	4.2kg
Operating Temperature	-20℃ ~ 80℃

Product Information

Front Panel and Real Panel



Device Size

