

ZENITH Series DSP Amplifier with Dante

FDSEA-23 DSP



FDSEA-23 DSP TECHNICAL PARAMETERS

Input Volume	mute, phase, level detection
Input / Output EQ	5-band parametric EQ / 9-band parametric equalization
Input Noise Gate	start control time 1~2895ms, release time 1~2895ms, start control level -120dBu~-60dBu
DSP Matrix	2 x 2 matrix
Output Delay	2 x 16ms
Output Compressor	soft knee, attack level, attack time, compression ratio, release time
Output Volume	mute, phase, level detection
DSP Presets	30 preset positions
Control Mode	TCP/IP, USB, RS485, RS232
Network Specifications	TCP/IP, 1000base-T / 100base-TX, RJ45
Number of Channels	2
Power	2 x 300W@8Ω / 2 x 500W@4Ω
Bridge Power	1 x 1000W@8Ω
Minimum Output Impedance	4Ω per channel, 8Ω in bridge mode
Input Interface	balanced input 2 x XLR; single-ended input 2 x RCA
Output Interface	2 x Spoken; binding post
Cooling	Dual fan intelligent control
Gain	6dB Sensitivity: 30dB (29.5 times); 0dB sensitivity: 36dB (31.1 times)
Maximum Input Level	6dB Sensitivity: 16dBu (4.9V)
SNR:	6dB Sensitivity 94dB; 0dB Sensitivity: 94dB
Frequency Response	20Hz ~ 20kHz (±0.5dB)@1W, 8Ω
THD+N	<0.1%@1W to full power
Sampling Rate	48K/24bit
Channel Isolation	<-70dB
Working Mode	Stereo, Bridge, Mono, Free Matrix
Remote Control	remote start, standby, DSP monitoring
Amplifier Monitoring	Temperature, Power, Voltage, Current
Constant Voltage & Resistance	100V, 70V, 8 ohms, 4 ohms
DANTE (optional)	2 channel DANTE
Display	240 x 240 pixels, IPS hard screen, color
Source Topology	XLR Line-out
Protections	Audio limiter, high temperature, DC, high frequency, short circuit, back EMF, peak current limiter, inrush current limiter, power-on delay, power circuit breaker protection, power supply over/under voltage protection
PC Software	software can control media matrix, audio processor, DSP power amplifier, active DSP module
Size & Weight	483 x 300 x 44.5mm / 3kg
Power Supply	Voltage input (110-240V AC)

