

DSP
Audio Processor

DS212A

Digital Auto Feedback Eliminator



Characteristic:

- Super-fast automatic feedback control.
- Dual-channel input, each channel has 12 auto-search feedback points.
- The potentiometer LED indicates the input signal power strength.
- Every filter with separate dynamic and static filter, auto processing and lock the Trap Wave frequency.
- Places filters with 0.5Hz resolution.
- Provides more gain before feedback (6~9dB typical).
- Accurately distinguish music from feedback.
- 2x16 character LCD with backlight.

Technical Specifications

Frequency Range	20Hz~20kHz (≤±0.5dB)	
Dynamic range	≥106dB(A)	
Time to find and eliminate feedback	≤0.4s @ 1KHz	
Notch gain	Max-48dB	
Max output Level	≤10.5dBu	
THD+N	≤0.0025% @ +4dBu/1KHz	
SNR	≥100dB(A)	
AD/DA	24bit Z-A, 14/128 times sampling	
Sampling frequency	48KHz	
Main AC	AC90~250V50/60Hz	
Power consumption	≤10W	
Net Weight	1.8kg	
Size	482mmx152mmx45mm	
Input	TRS	26.35mm TRS sockets
	XLR	2 XLR sockets
	Impedance	20k2 (bal), 10k2 (unbal)
	Gain	0dB/12dB
Output	TRS	26.35mm TRS sockets
	XLR	2 XLR sockets
	Impedance	150Ω

