

DSP
Audio Processor

DS2012

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.
- Plug & Play, simple to operate.

Technical Specifications

Frequency Range	20Hz~20kHz (≤±0.5dB)	
Dynamic range	≥110dB(A)	
Time to find and eliminate feedback	≤0.4s @ 1KHz	
Notch gain	Max-48dB	
Max output Level	≤14dBu	
THD+N	≤0.0025% @ +4dBu/1KHz	
SNR	≥100dB(A)	
AD/DA	24bit Σ-Δ, 14/128 times sampling	
Sampling frequency	48KHz	
Main AC	AC90~250V 50/60Hz	
Power consumption	≤10W	
Net Weight	2.1kg	
Size	482mmx158mmx45mm	
Input	TRS	2 TRS sockets
	XLR	2 XLR sockets
	Impedance	40kΩ(bal), 20kΩ(unbal)
	Gain	0dB / 12dB
Output	TRS	2 TRS sockets
	XLR	2 XLR sockets
	Impedance	150Ω

