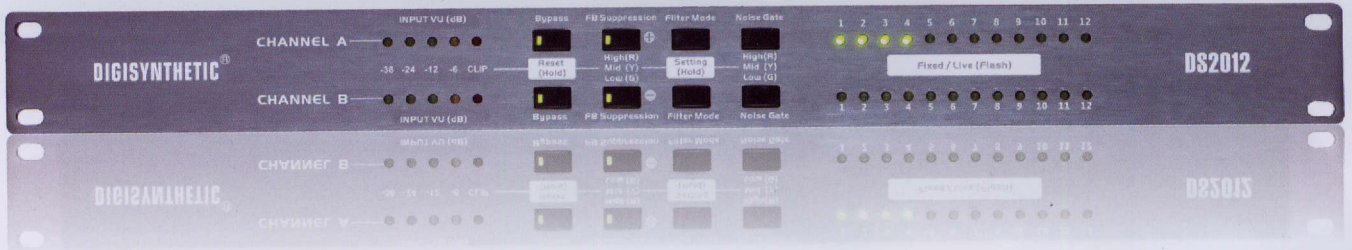


# DSP Audio Processor

# DS2012

Digital Auto Feedback Eliminator



## Characteristic :

- 24-bit high speed and high performance DSP to realize speedy feedback frequency scan and auto notch feedback, which guarantees the signal resolution and dynamic range;
- 64/128 Sampling high resolution; 24-bit A/D,D/A high-speed conversion signal;
- Dual-channel input, Each channel has 12 auto-search feedback points. Targeted eliminated;
- 24 Filters with LED Screen;
- Every filter with separate dynamic and static filter, auto processing and lock the Trap Wavefrequency;
- User could set the eliminating strength for each channel;
- The Potentiometer LED indicates the input signal power;
- Factory default settings, Plug & Play, simple to operate interface.

## Technical Specifications

Input	TRS	2 TS sockets
	XLR	2 XLR sockets
	Impedance	40K Ohm balance, 20K Ohm unbalance
	Gain type	-10dBV / +4dbu
Output	TRS	2 TS sockets
	XLR	2 XLR sockets
	Impedance	66Ohm balance, 33Ohm unbalance
System Technology Specification	Dynamic range	≥110dB(A)
	Frequency range	20Hz~20KHz(±0.5dB)
	Scan range	20Hz~20kHz
	Time to find and eliminate feedback	≤0.4s @ 1KHz
	Notch gain	≤48dB
	Max Output Level	≤14dBu
	THD+N	≤0.0025% @+4dBu/1kHz
	SNR	≥100dB(A)
Digital Processing	AD/DA	24bit Σ-Δ, 14/128 times sampling
	Sampling frequency	48kHz
Other	Main AC	AC90~250V 50/60Hz
	Power consumption	≤10W
	Size	482mm×45mm×150mm
	Net Weight	2.2kg

## Outline size

