



Features

- 24 programmable filters per channel
- Dual independent channel processing
- Live and fixed filter modes
- Automatic live filter release

FBK-4 is an automatic feedback canceller processor designed for live applications. It consists of two channels featuring each 24 static and dynamic filters.

Static or fixed mode automatically selects and adjusts filters to eliminate the feedback effect usually caused by room acoustic defaults. This mode can use up to 24 filters depending on the number of frequencies to be attenuated.

Dynamic or live mode continuously detects and eliminates feedback occurring during a performance like a microphone moved too close to speakers. It uses the remaining available filters from the static mode. The correcting filters are released when they are no more necessary and become available for a new correction.

Specifications

MODEL	FBK-4
Sample Rate	48kHz
Dynamic Range	106 dB, A-weighted
THD+N	0.01%, 1kHz
S/N Ratio	106 dB, A-weighted
Frequency Response	20Hz~20kHz, ± 0.5 dB
Inter Channel Crosstalk	86 dB, A-weighted
Crosstalk Input to Output	86 dB, A-weighted
Operating Voltage	230 VAC 50/60Hz, 115 VAC 50/60Hz
Power Consumption	15W
Physical	
Dimension	483 x 195 x 44mm
Net Weight	3.1kg
A/D Performance	
Dynamic Range	114 dB, A-weighted
A/D Conversion	24bit
D/A Performance	
Dynamic Range	114 dB, A-weighted
D/A Conversion	24bit

Analog Inputs

2 x female XLR and 2 x 1/4" TRS	Electronically Balanced / Unbalanced
RF filter suppressor	
Input Impedance	3.6k Ω
Max Input line level	+15dBu

Analog Outputs

2 x male XLR and 2 x 1/4" TRS	Electronically Balanced / Unbalanced
RF filter suppressor	
Output Impedance	120 Ω
Max Output level	+15dBu

Specifications subject to modification without notice



SEIKAKU TECHNICAL GROUP LIMITED

NO.1 LANE 17, SEC.2, HAN SHI WEST ROAD, TAICHUNG 40151 TAIWAN

Tel: +886-4-22313737 Fax: +886-4-22346757 www.seikaku.hk