



Advanced Feedback Suppression Processor



CHARACTERISTIC

A dual channel crossover with all the features you would expect from a professional product. They feature Linkwitz-Riley 24dB per octave filters, independent output gain controls for level matching, output phase inversion, 40 Hz low cut filter, and optional mono summing of the low frequency (subwoofer) output. Everything in the design exudes great precision from the solid "click" controls to the high quality 1/2" inputs and outputs.

Features:

- Full LCD Display
- 24 Programmable Filters per Channel
- Stereo or Dual Independent Channel Processing
- Live and Fixed Filter Modes
- Selectable Filter Lift Times
- Mid and High
- Input channel Metering
- 24 LED per Channel Filter Metering
- XLR and TRS Inputs and Outputs



Back

TECHNIQUE INDEX

Model	AFS-223
Frequency response	20Hz-20KHz (nominal) frequency, 50Hz-18KHz (shift frequency)
Frequency control range	X1 (100Hz-20KHz), X10 (1KHz-20KHz)
Channel attenuation	0-+15dB
Equilibrium frequency range	100Hz-20KHz
System gain	0dB±0.1dB
Frequency shift	5Hz/10/30/2
System shift	frequency 0.25 octave
Non-linear distortion	<0.3%
THD	31K
Input level	Line output <0.6mV
Input impedance	100 mV
Power supply	6000 AC220V / 50 Hz



Features:

- XLR balanced ins and outs
- Mode switch for stereo 2-way or mono 3-way operation
- TRS or XLR balanced input and output differential pairs
- 40 Hz low cut filter, and optional mono summing of the low frequency (subwoofer) output
- All outputs have phase reversal switches. (The output level on all frequency range can be independently adjusted by dB/oct Linkwitz-Riley filter)
- LED indicator of Stereo/Mono mode.

TECHNIQUE INDEX

Model	223XL
Input Interfaces	1/4 inch TRS
Type	Electronic balanced/unbalanced with RF filter
Impedance	> 50k ohm balanced, > 25k ohm unbalanced
Common input level	> 2.5dBu balanced/unbalanced
CMRR	> 40dB typical (1kHz - 20dB, 1kHz)
Output	1/4 inch TRS
Interface	balanced/unbalanced impedance with RF filter
Type	over 2k ohm load, > 42dB, balanced or unbalanced
Minimum output level	20Hz/20KHz, 10/45dB
Bandwidth	> 20dBu 20Hz
Frequency response	> 40dB 20Hz
System input shift	Stereo mode, Mono mode
Work	Low frequency output > 9dB
Medium frequency output	> 9dB
Dynamic range	> 114dB, unweighted, any output
Distortion + noise	< 0.004%+4dB, 1kHz, 0.65% + 20 is a 1 kHz
Inter-channel crosstalk	< 40dB, 20Hz-20kHz

Back