

Feedback Suppressor



DESCRIPTION

The NVS-70020002FS is an advanced digital feedback suppressor that offers excellent performance at a competitive price. It allows you to store 10 sets of data for controlling tone quality in different situations. During the feedback suppression process, it can reduce the feedback signal by up to -48dB. When feedback is detected, the device swiftly and automatically analyses and locks the feedback frequency using its advanced DSP algorithm. It determines the frequency point, frequency bandwidth, and attenuation of the notching filter, and saves the processing results. By controlling the frequency bandwidth of the notching filter, the device filters out only the feedback signal, preserving the music signal without compromising its quality, resulting in exceptional audio fidelity.

FEATURES

- ⦿ 24-bit A/D and D/A conversion
- ⦿ Each track allows automatic search for 12 frequency feedback
- ⦿ Intelligent processing
- ⦿ High resolution
- ⦿ Offers quick and effortless default processing, ensuring comprehensive suppression of feedback
- ⦿ In single-point mode, the device automatically searches, locks, and maintains the notch frequency until manual intervention
- ⦿ In manual mode, the user can set all parameters of 2×12 filters, including their frequency and Q value, etc.

Specifications

Model	NVS-70020002FS
Number of Input Channel	2 channels, (2 XLR, 2 1/4" TRS)
Number of Output Channel	2 channels, (2 XLR, 2 1/4" TRS)
Frequency Response	20Hz-20kHz (±0.5dB)
Sampling Frequency	48kHz
Signal to Noise Ratio	100dB, A weighting, refer to +4dBu
Distortion + Noise	≤0.0025(@1kHz, +4dBu)
Gain	0dB(+4dB gear), 12dB(-10dBV gear)
Audio Gain	9dB
Suppression Time	0.3s@1kHz
Dynamic Range	106dB, A weighting
CMRR	≥55dB(+4dBu gear), ≥75dB(-10dBV gear)
Crosstalk	≤97dB

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Fuse	T1AL/250V AC
Input Impedance	Unbalanced 10KΩ/Balanced 20KΩ
Output Impedance	150Ω
Maximum Input Level	10.5dBu
Maximum Output Level	10.5dBu
Power Supply	AC 100V/240V, 50/60Hz
Power Consumption	≤10W
Weight	1.7kg
Dimension	482×152×45mm

ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-70020002FS	Feedback Suppressor	01