



SC-3131 Feedback Suppressor



Features

1. Adaptive environmental whistle suppression algorithm with high-speed floating point digital audio processor and advanced sub-band noise cancellation technology, which can quickly and automatically completely eliminate whistle and background noise.
2. Built-in adaptive dynamic noise filter, which can filter out the background noise of the live environment but does not affect the voice signal transmission.
3. Intelligent AGC bi-directional level control technology for clear, consistent and evenly sized speech output, maintaining coherent and clear speech tones, boosting gain by up to 6-8dB and microphone pick-up distance of 0.5-1.2m.
4. Built-in 24Bit A/D, D/A conversion; 24-bit DSP floating point processor, 96KHz high speed sampling.
5. One key intelligent manual-free debugging, regardless of changes in location, temperature, humidity and decoration in the room environment, the system is installed without the need for sound field debugging.
6. Keyboard lock function: when the administrator has finished debugging the equipment, then the panel keys are locked to prevent non-administrators from operating.
7. Menu can be switched between English and Chinese.
8. 2" colour display shows the status of the given parameters.

Specification

Analogue Input	2-XLR and 2-TRS, balanced or unbalanced inputs
Input Impedance	Balanced 20K Ω , unbalanced 10K Ω
MIC Maximum Input Level	140 mV (RMS) Intelligent Off
Analogue Output	2-XLR and 2-TRS, balanced or unbalanced
Output Impedance	Balanced 150 Ω , Unbalanced 300 Ω
Maximum Output Level	4.5V (RMS)
Dynamic Range	>100dB (A-weighted)
Distortion	\leq 0.1%
Feedback Rejection	Frequency response +/- 1dB (20Hz-13KHz)
Through Frequency Response	+/- 0.5dB (20Hz-13KHz)
Bottom Noise	<1mV
Power Supply	AC190-240V/50-60Hz
Power Consumption	<20W
Dimensions (WxDxH)	(WxDxH) 480*220*44mm
Weight	2.5Kg