

## Suppressor( Digital Feedback Suppressor)

TS-224



### Function Features

- \* 96KHz sampling frequency, 32-bit DSP processors, 24-bit A / D and D / A converter.
- \* The digital signal input and output channels provide coaxial, AES and fiber optic interfaces.
- \* Using the LCD display 144 x 32 display parameters functions, providing 4-segment LED output level display.
- \* Each channel has 24 LED lights to display the status of the howling suppression quantity.
- \* Each channel provides compression, limiter, noise gate, feature set.
- \* The operating mode can be switched to straight-through or feedback inhibition.
- \* Fixed and dynamic feedback can be arbitrary edit point number, also can be a key to remove the noise points.
- \* The machine can store 30 groups the user program.

Receiver

Model

Input Channel and Socket	TS-224
Output Channels and Socket	2-channel XLR female Analog inputs / 2 stereo coaxial / optical fiber / AES inputs (each digital port transmit two way audio signal)
Input Impedance	2-channel XLR male connector Analog Output / 2 stereo coaxial / optical fiber / AES inputs (each digital port transmit two way audio signal)
Output Impedance	Balanced: 20KΩ
KCMR	Balanced: 100Ω
Input Range	>70dB (1KHz)
Frequency Response	≤+20dBu
S/N Ratio	15Hz~25KHz (-0.3dB)
Distortion	≥98dB@1KHz0dBu
Channel Resolution	<0.01% OUTPUT=0dBu/1KHz
Howling Search and Suppression Mode	>80dB (1KHz)

Input Signal Frequency Response	Automatic notch
Filter	20Hz~20KHz $\pm$ 0.5dB
Minimum Bandwidth	Independent 24 per channel
Maximum Bandwidth	1/27th Octave
Frequency Resolution	1/14th Octave
Whistle Seek Time	0.5Hz
FFT length	0.1-0.5S
Sound Transmission Gain	2048
System Gain	6-10dB
Compression	0dB
Limiter	Starting level: -40dB~+20dB; Compression ratio: 1:1.0~1:20.0; Response Time: 10~200ms; Recovery time: 50ms~5000ms
Noise Gate	Starting level: -40dB~+20dB; Response Time: 10~200ms; Recovery time: 50ms~5000ms
Display	-120dB~-40dB.A26
Processor	With a resolution of 144 x 32 LED display, Provide 4 LED display output level
Power Consumption	96KHz Sample frequency, 32-bit DSP Processor, 32-bit A/D and D/A conversion
Rack	<20W
Product Dimension	1U
Net Weight	482 x 148 x 44mm