



# Feedback Suppressor

## TS-224



### Feature:

- \* 96KHz sampling frequency, 32-bit DSP processor, 24-bit A / D and D / A converter.
- \* The digital signal input and output channels provide coaxial, AES and fiber optic interfaces.
- \* Adopt 144 x 32 LCD screen to display parameters, provide 6-band LED display of output level.
- \* Each channel has 24 LED lights to display the status and quantity of the howling suppression.
- \* Each channel with compression, limiter, noise gate, feature settings.
- \* The operating modes includes straight-through or feedback inhibition.
- \* Fixed and dynamic feedback points can be freely edited and be deleted with one key.
- \* One unit can store 30 groups of user programs.

### Specification:

Model	TS-224
Input channel and socket	2-channel XLR female analog inputs / 2 sets of stereo coaxial / optical fiber / AES inputs (each digital port transmits two channels of audio signals)
Output channel and socket	2-channel XLR male Analog Output / 2 stereo coaxial / optical fiber / AES inputs (each digital port transmits two channels of audio signals)
Input impedance	Balanced: 20KΩ
Output impedance	Balanced: 100Ω
KCMR	>70dB (1KHz)
Input range	≤+25dBu
Frequency response	20Hz~20KHz
SNR	≥110dB
Distortion	<0.01% OUTPUT=0dBu/1KHz
Channel resolution	>110dB (1KHz)
Howling searching and suppression mode	Automatic notch
Input signal frequency response	20Hz~20KHz ±0.5dB
Filter	Each channel can independently adjust 24 maximum, the default value is 12 fixed points and 12 dynamic points
Minimum bandwidth	1/27th Octave
Maximum bandwidth	1/14th Octave
Frequency resolution	0.5Hz
Howling searching time	0.1-0.5S
FFT length	2048
Sound transmission gain	6-10dB
System gain	0dB
Compression	Starting level: -40dB~+20dB; compression ratio: 1:1.0~1:20.0; response time: 10~200ms; recovery time: 50ms~5000ms
Limiter	Starting level: -40dB~+20dB; response time: 10~200ms; recovery time: 50ms~5000ms
Noise gate	-120dB~-40dB
Display	With a resolution of 144 x 32 LCD display, provide 6-band LED display of output level
Processor	96KHz sample frequency, 32-bit DSP processor, 24-bit A/D and D/A conversion
Power supply	AC 110V-220V, 50Hz/60Hz
Power consumption	<15W
Size	482 x 148 x 44mm
Net weight	2.3Kg