2-Channel Digital Feedback Suppressor
TS-224

Feature

*96KHz sampling frequency, 32-bit DSP processors, 24-bitA / D and D / A converter.

*The digital signal input and output channels provide coaxial, AES and fiber optic interfaces.

*Using the 144 x 32 LCD screen to display parameters functions, providing 4-segment LED to display output level.

*Each channel has 24 LED lights to display the status and quantity of the howling suppression.

*Each channel provides compression, limiter, noise gate, feature setting.

*The operating mode can be switched to straight-through or feedback inhibition.

*Fixed and dynamic feedback point can be arbitrary edited and cleared with one key.

*One unit can store 30 groups user program.

Model	TS-224
Input Channel And Socket	2-channel XLR female Analog inputs / 2 stereo coaxial / optical fiber / AES inputs (each digital port transmit two way audio signal)
Output Channels And Socket	2-channel XLR male connector Analog Output / 2 stereo coaxial / optical fiber / AES inputs (each digital port transmit two way audio signal)
Input Impedance	Balanced: 20KΩ
Output Impedance	Balanced: 100Ω
KCMR	>70dB (1KHz)
Input Range	≤+20dBu
Frequency Response	15Hz~25KHz (-0.3dB)
S/N Ratio	≥98dB@1KHz0dBu
Distortion	<0.01% OUTPUT=0dBu/1KHz
Channel Resolution	>80dB (1KHz)
Howling Search And Suppression Mode	Automatic notch
Input Signal Frequency Response	20Hz~20KHz ±0.5dB
Filter	Independent 24 per channel
Minimum Bandwidth	1/27th Octave
Maximum Bandwidth	1/14th Octave
Frequency Resolution	0.5Hz
Whistle Seek 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.A26
Display	With a resolution of 144 x 32 LED display, Provide 4 LED display output level
Processor	96KHz Sample frequency, 32-bit DSP Processor, 32-bit A/D and D/A conversion
Power Consumption	<20W
Dimension	482 x 148 x 44mm
Net Weight	2.3Kg