**110 2-channel Feedback Suppressor** TS-224D



## Feature:

- \* High-performance 40-bit DPS processor (clocked at 400M), providing 32-bit/48kHz excellent high-quality sound.
- \* Diversified audio processing functions: notch filter, frequency shifter, noise gate, limiter, crossover and equalizer.
- \* The equalizer supports a 31-band graphic equalizer and an 8-band parametric equalizer.
- \* The crossover supports Butterworth, Bessel, Linkwitz-Rayleigh and other octaves.
- \* Designed with a 2-inch IPS true color screen with a resolution of 320\*240; support Chinese and English switching display.
- \* With 48 LED indicators for real-time display of the notch filter status, and 12 static + 12 dynamic notch filters per channel.
- \* With dual-channel pass-through, one-key reset of notch point configuration function.
- \* Support 4 scene switching.
- \* With factory reset function.
- \* With device positioning function.
- \* With power-off automatic memory protection function.
- \* With Enternet multi-use data transmission and control port, it can support real-time management of single and multiple devices.
- \* With intuitive and graphical software interface; support XP/Windows7, 8, 10 and other system environments.

NodelTS-224DInput channels and plugs2 XLR and TRS multi-use plug analog inputsOutput channels and plugs2 XLR male plug + 2 TRS male plug analog outputsInput impedanceBalance: 20 KΩOutput impedanceBalance: 100QInput range<+20 dBuFrequency response20 Hz-20 kHz (do.5dB)SNR>103 dB@1 kHz 20 dBu (A-weighted)THD<0.012% OUTPUT=0dBu/1 kHzChannel separation>82 dB (1 kHz)Howling search and suppressionFully automatic notchFilter24/CHQ value range10-50Frequency resolution1HzHowling search time0.1-0.5SFFT length1024Accoustic gain4-8dBSystem gain0dBNotch filter0.4 channel, 12 static + 12 dynamic points for eachCrossoverWith three high and low pass filters: Butterworth, Bessel, Linkwitz-RayleighEqualizer31-band graphic equalizer + 8-band parametric equalizerDisplay>-inch IPS true color screen, resolution 320°240; 48 LED indicators for notch filter status	•	
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System gain0dBNotch filterDual channel, 12 static + 12 dynamic points for eachCrossoverWith three high and low pass filters: Butterworth, Bessel, Linkwitz-RayleighEqualizer31-band graphic equalizer + 8-band parametric equalizerDisplay2-inch IPS true color screen, resolution 320*240; 48 LED indicators for notch filter status	FFT length	1024
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CrossoverWith three high and low pass filters: Butterworth, Bessel, Linkwitz-RayleighEqualizer31-band graphic equalizer + 8-band parametric equalizerDisplay2-inch IPS true color screen, resolution 320*240; 48 LED indicators for notch filter status	System gain	OdB
Equalizer31-band graphic equalizer + 8-band parametric equalizerDisplay2-inch IPS true color screen, resolution 320*240; 48 LED indicators for notch filter status	Notch filter	Dual channel, 12 static + 12 dynamic points for each
Display 2-inch IPS true color screen, resolution 320*240; 48 LED indicators for notch filter status	Crossover	With three high and low pass filters: Butterworth, Bessel, Linkwitz-Rayleigh
	Equalizer	31-band graphic equalizer + 8-band parametric equalizer
Processor 48kHz sampling frequency, 40-bit DSP processor; 32-bit A/D and D/A conversion	Display	2-inch IPS true color screen, resolution 320*240; 48 LED indicators for notch filter status
	Processor	48kHz sampling frequency, 40-bit DSP processor; 32-bit A/D and D/A conversion
Dimension (L×D×H) 484×206×44mm	Dimension (L×D×H)	484×206×44mm
Net weight 2.4kg	Net weight	2.4kg

## Specification: