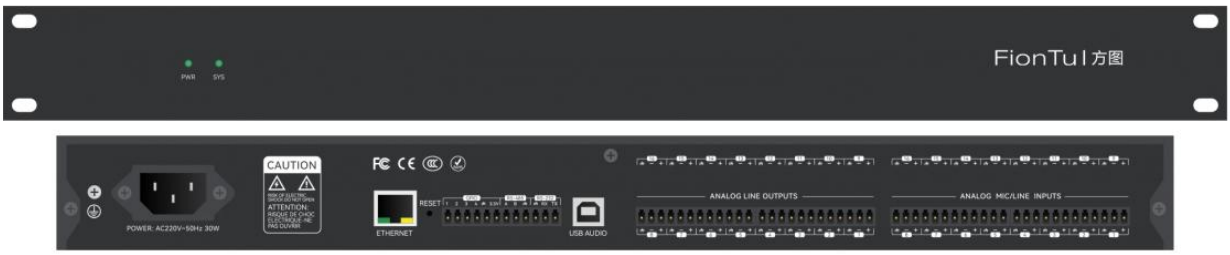
Audio Processor 0808

T1-DSP0808



Feature:

1. Using fourth-generation audio processing technology, high-quality preamplifier circuit, and DSP processing bus structure, it can provide users with excellent sound quality
2. Input channel functions: gain control, polarity conversion, noise gate, 11-segment equalization adjustment, delay, etc.
3. Output channel functions: gain control, matrix mixing, 11-band equalization adjustment, high and low pass, compressor, limiter, delay, polarity conversion, etc.
4. 8 balanced inputs, supporting phantom power, 8 balanced outputs; 24-bit analog-to-analog conversion, 48KHz sampling frequency
5. Bus-type AEC, tail time: 512ms, convergence rate: 60dB/S, echo cancellation amplitude: 60dB
6. The PC software automatically scans and discovers the processor, the channel parameters can be copied, and the configuration parameters can be saved to the computer and loaded from the computer.
7. It has a network interface to realize multi-purpose data transmission and control ports, and can support real-time management of single and multiple devices.

Specification:

1. Sampling rate/number of quantization bits: 48K/24bit
2. 32bit DSP floating point operation engine
3. Output level: 0/-6dB
4. Phantom power: +48V
5. Frequency response (20~20kHz): ±0.2dB
6. Maximum level: +18dBu
7. Total harmonic distortion + noise: 0.003%@4dBu
8. Dynamic range (analog channel): 110dB
9. Background noise (A-weighted-analog): -89dBu
10. Common mode rejection ratio @60Hz: 80dB
11. Channel isolation @1kHz: 108dB
12. Input impedance (balanced connection): 10KΩ
13. Output impedance (balanced connection): 600Ω
14. System delay: <5ms
15. Working power supply: AC110~240V, 50Hz/60Hz
16. Dimensions (width x depth x height): 482x260x45mm
17. Transport weight: 3KG