



## The MINI Processor

ABOX 1004N

1. Built-in echo cancellation, feedback suppression and noise algorithms.
- ★2. Using a stable two-way simultaneous speech (Double Talk) detection method to effectively eliminate excess echoes even in strong background noise and non-linear distortion environments.
- ★3. Noise suppression algorithm can quickly and accurately track environmental noise changes and maintain good output sound quality.
- ★4. A total of 10-way input signal interface, full-featured audio adjustment module.
- ★5. Providing eight MIC inputs + two line inputs + four outputs, supporting gain adjustment, 48V phantom power supply, built-in preamplifier, signal generator, expander, compressor, 5-band parametric equalization, 31-band graphic equalization, delay, crossover, limiter and other functional modules.
6. Built-in PC-based control software.

Sampling	48KHz	Digital-analog Dynamic Range	114dB
Phantom Power	48V	Analog-digital Dynamic Range	114dB
Input Gain Amplification	20-52dB, 7 levels in total	Input Impedance (Balanced)	20 KΩ
Frequency Response	20-20KHz, ±0.5dB	Output Impedance (Balanced)	100Ω
Background Noise	-88dBu	EIN (A-weighted)	≤-120 dBu
Operating Power Supply	DC12V	Channel Isolation	100dB@1KHz
Dimensions (WxDxH)	180x168x42 (mm)	Common Mode Rejection	80dB@80Hz
THD +N	MIC Channel : 0.005%@4dBu; LINE Channel : 0.01%@4dBu	Maximum Input Level	MIC Channel : -4dBu; LINE Channel : 24dBu
Maximum Output Level	MIC Channel : 18dBu; LINE Channel: 18dBu	Power Consumption	<24W

