

10 in 4 Out Mini Digital Audio Processor Box



S-TRACK® is top 3 audio processor factory in China. S-TRACK® 10 In 4 Out Mini Digital Audio Processor Box (ABOX 1004N), some country call it audio matrix, some customer name it DSP, they are all same. S-TRACK® 10 In 4 Out Mini Digital Audio Processor Box (ABOX 1004N) can do OEM for customer, production volume for one model will be 5000pcs per day. Leadtime is 5days.

S-TRACK® 10 In 4 Out Mini Digital Audio Processor Box (ABOX 1004N) Product Introduction:

10 In 4 Out Mini Digital Audio Processor Box (ABOX 1004N) is S-TRACK® most smallest model, with powerful DSP chip , AFC+AEC+ANC built in, very popular in the market ,passed most Certs like CE,ROHS,FCC etc.

S-TRACK® 10 In 4 Out Mini Digital Audio Processor Box (ABOX 1004N) Product Parameters:

Sampling	48KHz
Phantom Power Supply	48V
Input gain Amplification	20 ~ 52dB, a total of 7 stages
Frequency Response	20-20khz,±0.5dB
Modulus Dynamic Range	114dB

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Digital Dynamic Range	114dB
Input Impedance (balanced type)	20KΩ
Output Impedance (balanced)	100Ω
EIN (A weighting)	≤ -120dbu
Channel Isolation Degree	100dB@1KHz
Common Mode Rejection	80dB@80Hz
Background Noise	-88dBu
Working Power Supply	DC12V
Dimensions (W x D x H)	180x168x42 (mm)
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
Global Power Supply	120-240V

S-TRACK® 10 In 4 Out Mini Digital Audio Processor Box (ABOX 1004N) Product Features:

1. Built-in echo cancellation, feedback suppression, noise algorithm;
- ★2. Using a stable Double Talk detection method, even in strong background noise and nonlinear distortion environment can effectively eliminate redundant echo;

★3. Noise suppression algorithm can quickly and accurately track environmental noise changes and maintain good output sound quality;

A total of 10 input signal interface, full function audio adjustment module;

★5. Provide eight MIC input + two route input + four output, support gain adjustment, 48V fantasy power supply, built-in front stage amplifier, signal generator, expander, compressor, 5 section parameter balancing, 31 section graphic balancing, delay device, frequency divider, limiter and other functional modules;

6. Built-in PC control software;

★7. The processor has built-in Windows platform control software, which can be downloaded and installed online. The software design is simple and practical. The IOS platform control software has also been launched, and the functional experience is being optimized. In addition, support web control mode, providing more free testing, debugging experience.

S-TRACK® 10 In 4 Out Mini Digital Audio Processor Box (ABOX 1004N) Applications

Conference room, court, command center, classroom interaction and other occasions.

