

Dante 4 in 4 Out Network Audio Processor Box



S-TRACK® is top 3 audio processor factory in China and official authorized from Audinate®. S-TRACK® Dante 4 In 4 Out Network Audio Processor Box (DBOX 44-H), some country call it audio matrix, some customer name it DSP, they are all same. S-TRACK® Dante 4 In 4 Out Network Audio Processor Box(DBOX 44-H) can do (logo,software,spec) OEM for customer, production volume for one model will be 5000pcs per day. Leadtime is 15days.

S-TRACK® Dante 4 In 4 Out Network Audio Processor Box (DBOX 44-H) Product Introduction:

Dante 4 In 4 Out Network Audio Processor Box is S-TRACK® most multi-functional model, with powerful DSP chip, AFC+AEC+ANC builtin, Dante 4*4 channel interface,POE/Adapter power supply. Dante 4 In 4 Out Network Audio Processor Box(DBOX 44-H) promote very well and very popular in the market ,passed most Certs like CE,ROHS,FCC etc.

S-TRACK® Dante 4 In 4 Out Network Audio Processor Box (DBOX 44-H) Product Parameters:

Analog Channels	4-Channel Balanced Inputs + 4-Channel Balanced Outputs
Dante Channel	4ch input+4ch output

Input Gain Amplification	-6 ~ 36dB, 6dB level total 8 levels
Number of Quantization Bits	24bit
Sampling Rate	48kHz
Phantom Power (per input)	48V
EIN (A-weighted)	≤-110dBu
Common Mode Rejection	80dB@80Hz
Maximum Input Level	10dBu
System Delay	< 3ms
Operating Power Supply	AC110V-220V,50Hz/60Hz; POE48V; DV12V
Frequency Response	20~20KHz, ±0.5dB
THD+N	≤0.005% @ 4dBu
Digital-Analog Dynamic Range	114dBu
Analog to Digital Dynamic Range	114dBu
Input Impedance (Balanced)	20KΩ
Output Impedance (Balanced)	100Ω
Channel Isolation	100dB@1kHz, 4dBu
Background Noise	-88dBu
Maximum Output Level	14dBu
Operating Temperature	0-40°C
Dimension (WXDXH)	142*157*46mm

S-TRACK® Dante 4 In 4 Out Network Audio Processor Box

(DBOX 44-H) Product Features:

1. Matrix mixing of input and output signals, mixing component control, 24bit/48KHz sampling frequency, high-performance dual-core floating point high-speed DSP processor;
2. Input each channel: pre-stage amplifier, expander, 5-stage parameter equalization
3. Output each channel: speaker manager (equalizer and limiter shown in section 31);
4. Chinese name can be set independently for each channel;
- 5 input mute switch, analog input channel phantom power supply switch;
6. Mute switch of output for each channel;
- ★7. Support PC client, PAD client software control, machine built-in client, support online download;
- ★8. Support far-field sound pickup, provide 2 interface can access our array microphone;
9. The system has built-in screen lock function to effectively avoid misoperation; Intuitive, graphical software control interface, can work in XP/Windows7, 8, 10 and other system environment;
- ★10. Bidirectional RS485 ports, standard Ethernet control ports, and Dante active and standby ports are configured.
- ★11. Power supply in POE mode can be used together with 802.3AF standard POE switches.

S-TRACK® Dante 4 In 4 Out Network Audio Processor Box (DBOX 44-H) Applications:

Large conference room, multi-function hall, theater, conference center, extended processor input and remote signal access, distributed processing to reduce the burden of audio processing in the computer room.

