

## Product Description

### 4 in 4 out Network Audio Processor DBOX 44-U

This product is developed for Dante network audio transmission and routing transfer. It can realize the high quality and low latency requirements of network audio transmission. It supports 4 balanced inputs and 4 balanced outputs of analog channels, supports PoE+DC 12V dual power supply, and provides PC version control software for monitoring and operating the phantom power, mute and gain adjustment of the interface device. It is like the entrance and exit of Dante network highway, which is the best choice for upgrading and optimizing the multimedia system.



## Main Characteristics

1. Input and output signal matrix mixing, mixing component control, 24bit/48KHz sampling frequency, high-performance dual-core floating point high-speed DSP processor;
2. Input per channel: preamplification, 5-band parametric equalization, compressor, dodger, AFC, AEC, ANC;
3. Output per channel: 31-band graphic equalizer, limiter;
4. Input mute switch, analog input channel phantom power switch;
5. Output mute switch per channel;

- ★6. Support PC client software control, the machine built-in client, support for online download;
- 7. Intuitive, graphical software control interface, can work in Windows 7, 8, 10, 11 and other system environments;
- ★8. Configure RS485 interface, bidirectional RS485 interface, standard Ethernet control interface and USB Type C sound card interface;
- 9. Support 8 groups of scene presets, scene increase, save, delete and other functions;
- ★10. POE mode power supply, can be used with 802.3af standard POE switch.
- 11. Can provide network audio expansion through the Dante protocol, the number of 8 (4 \* 4) channels.

### Technical Parameters

Analog	4 balanced inputs + 4 balanced outputs
DANTE	4 inputs+4 outputs
USB Sound Card	1input+1output
RS232	1
RS484	1
★Input gain amplification	36dB
Quantile (math.)	24bit
Sampling Rate	48kHz
Phantom power (per input)	48V
Frequency Response	20Hz~20KHz, ±0.15dB
THD+N	≤0.003% @ 4dBu
Digital and Analog Dynamic Range	114dBu
Analog-to-digital dynamic range	120dBu

Input Impedance (Balanced)	20K $\Omega$
Output Impedance (Balanced)	100 $\Omega$
Channel Isolation	100dB@1kHz, 4dBu
Common Mode Rejection	52dB@60Hz
Maximum Input Level	18dBu
Maximum Output Level	18dBu
Background Noise	-89dBu
Operating Temperature	-10-40 $^{\circ}$ C
★Operating power	AC110V-220V,50Hz/60Hz; DV12V; PoE Power Supply
Dimensions (W*D*H)	142X157*46mm