

Network Audio Box Processor

Quick Guide

Thank you for choosing this Network Audio Box Processor, the following Quick Start Guide will give you a quick overview of how to use this product, the content of this Quick Start Guide applies to the Network Audio Box Processor range.

⚠ Caution

To ensure the reliable use of the equipment and the safety of personnel, please observe the following matters during installation, use and maintenance:

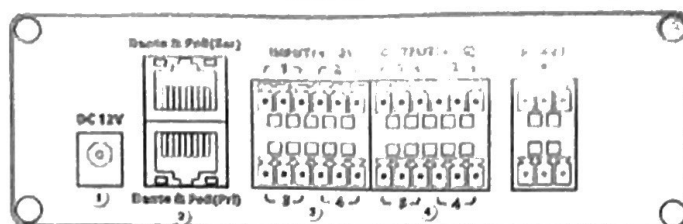
1. When installing the equipment, make sure the input power of the equipment power adapter or POE switch is 100V-240V, 50/60Hz AC.
2. Keep the working environment well ventilated so that the heat generated by the equipment at work can be discharged in a timely manner to avoid damage to the equipment due to high temperature.
3. Turn off the main power supply of the equipment when it is not in use for a long time or in a humid and dewy environment.
4. Always unplug the unit's power adapter from the power outlet before doing the following:
 - A. Remove or reinstall any part of the equipment.
 - B. Disconnect or reconnect any electrical plugs or connections to the equipment.
5. There are AC high-voltage parts in the equipment, non-professionals should not disassemble the equipment without permission to avoid the risk of electric shock. Do not repair the equipment privately to avoid aggravating the degree of damage.
6. Do not spill any corrosive chemicals or liquids on or near the equipment.

1. Overview

This device supports analog channel 4 in 4 out, Dante channel 4x4, comprehensive matrix mixing function, equipped with high-performance A/D D/A converter and 32-bit floating-point DSP processor, support 24bit/48KHz sampling frequency, restore high-quality sound, user-friendly web interface, simple operation and powerful performance. Mainly used in a variety of large places, can meet the theater, concert halls, remote video conferencing, stadiums, churches, conference centers, theme parks, public sound reinforcement systems and other aspects of the application needs.

2. Device Connection

Rear panel

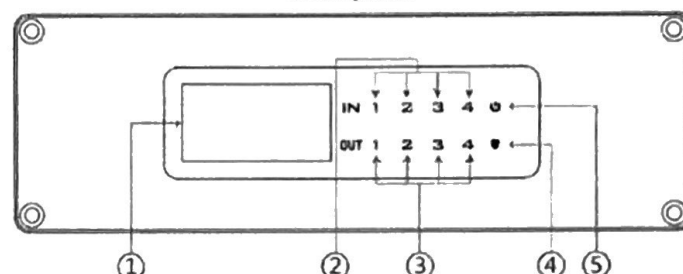


- ① DC12V: Power connector to connect DC 12V/2A power adapter;
- ② Dante POE network power supply interface: This network interface can be used for Dante digital signal transmission, connecting to PC interactive control software and as a direct power supply to the device;
- ③ INPUT signal input interface: Can be connected to microphone, PC and other devices;
- ④ OUTPUT signal output interface: Can be connected to the amplifier, active speakers and other devices;

3. Power On

Turn on the power, the front panel power indicator lights up, wait for the system status indicator to enter the blinking state, then the device startup is complete.

Front panel



- ① Display: Display shows the IP address;
- ② Input channel indicator: When the analog IN channel flows into a very small signal, the indicator is not lit; when the analog IN channel flows into a very large signal, the indicator is red; in other cases, the indicator is green;
- ③ Output channel indicator: When the analog OUT channel flows into a very small signal, the indicator is not lit; when the analog OUT channel flows into a very large signal, the indicator is red; in other cases, the indicator is green;
- ④ ♥ System indicator: When the device is running normally, the indicator shows flashing status;
- ⑤ ⏻ Power indicator: When the device is powered on, the power indicator is always on.

4. Open the web page and control and login

By default, the device automatically obtains the IP address assigned by the DHCP server (you need to assign it an IP address through the DHCP server of the router or managed switch, otherwise you cannot connect to the device), and the device's front panel display shows the current IP address, which you need to enter into the browser to access the device control web page.

Sample Rate & Quantization Bits	48KHz@24bit
Frequency Response	20Hz~20KHz,±0.15dB
Total Harmonic Distortion + Noise	<0.003%@1KHz,4dBu
Analog-Digital Dynamic Range (A-weighted)	120dB
Digital-Analog Dynamic Range (A-weighted)	114dB
Input Impedance (Balanced)	20KΩ
Output Impedance (Balanced)	100Ω
Channel Isolation	100dB@1KHz,4dBu
Common mode rejection	52dB@50Hz
Signal-to-Noise Ratio	107dB
Maximum Input Level	18dBu
Maximum Output Level	18dBu
Background Noise	-89dBu
Operating Power	DC12V/2A or PoE supply
Operating Temperature	0-40℃
Size (WxDxH)	141x156x45mm

7. FQA

- ① The power indicator does not light up?
 - A. When using power supply from power adapter, check whether the adapter is connected normally.
 - B. When using POE power supply, check whether the switch supports 802.3af standard.
 - C. If the device is damaged, contact the product after-sales service number for technical support.
- ② Audio input failure?
 - A. Check whether the input level lamp is displayed.
 - B. If the level lamp is displayed, check whether the audio source in Dante Controller is routed correctly.
 - C. If the level lamp does not show, check whether the phantom power supply of condenser microphone equipment is turned on.
 - D. Level lamp no display, check whether the access is a valid audio source.
 - E. Level lamp does not show, check whether the input channel gain is too small.

③ Audio output failure?

- A. Check whether the output level lamp is displayed.
- B. Level lamp is displayed, check whether the output device is working properly.
- C. No level lamp display, check whether the audio source routing in Dante Controller is correct.
- D. No level lamp display, check if the output channel gain is too small.

Packing List

Device	6pin Phoenix Connector	3pin Phoenix Connector	DC12V/2A Power Adapter
1PCS	4PCS	2PCS	1PCS
Small Screwdriver	Certificate of Conformity	Quick Guide	
1PCS	1PCS	1PCS	

Warranty Card

Factory Date:	
Product Model Number:	
Device Number:	
Distributor:	

