User's Manual

Prestel

DANTE 4 IN 4 OUT TRANSMITTER

ADP-4I4ODSP

Specifications are subject to be changed without notice.

CE

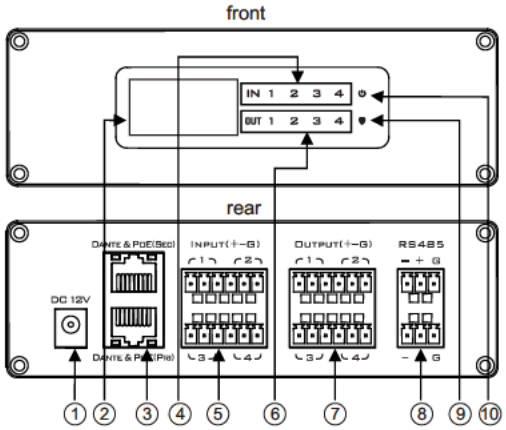
1. PARKING LIST

Equipment	Power adapter	Bracket	6pin phoenix terminal	3pin phoenix terminal	Screwdriver	Quick guide
1	1	2	4	2	1	1

2. INTRODUCTION

1. This processor adjuster the audio signal through the software.
2. This processor supports i/o 4 analog signals, 4 channel Dante digital audio input of 2 Dante devices, and 4 channel Dante digital audio signal output.
3. DSP include Gain adjustment, 5 stage PEQ, Compressor, Mixer, 31 stage GEQ, limiter, and so on.
4. Support PC and mobile control software.
5. POE power supply, applicable to the 802.3af standard POE switch.

3. INTERFACES



① 12V DC power supply interface.
② OLED display, display the IP address.
③ Dante interface, support PoE power supply, support network cascade.
④ Signal indicator, 1~4 channel input signal state.
⑤ Four channel balance signal input, If linear input, please connect "+" and "G"..
⑥ The signal lights, 1~4 output signal status indicator.
⑦ The four channel signal output balance.
⑧The RS485 interface, external control or controlled terminal.
⑨ Lights flashing system normal operation.
⑩ The indicator lights power system.

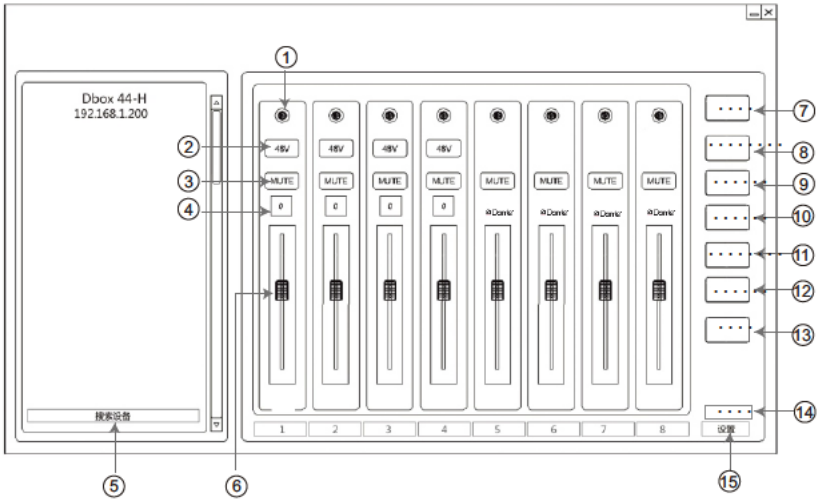
4. METHOD

a) In accordance with the prompt content connection, this equipment supports two kinds of power mode of 12V DC and PoE.
I. PoE: need POE switch, POE switch normal power condition, connect "Dante & PoE" interface and POE switch, check power indicator light. Waiting for about 30 seconds, the screen displays the IP address.
II. DC12V: connect the AC220V power supply and the interface machine box with the DC12V power adapter. Check the power indicator light. Waiting for about 30 seconds, the screen will display the IP address.

Note: DC 12V and PoE power can not be connected together.

b) Install Dante Controller to route the access signal.
Note: Dante Controller support platform: Windows 7, Windows 10, Mac OS, OS X10, please select the appropriate software version.
c) Use the Sound Tune to adjust the audio signal.
After the processor is connected to the LAN, it opens Sound Tune, clicks the search button, finds out all online audio processing devices, displays its IP address, and selects the correct IP address to adjust at the main interface.

User's Manual Prestel



① State indicator lamp. The green light is normal and the red light is abnormal.
② The power button of the phantom. Voltage 48V.
③ The mute button.
④ Analog gain adjustment. A total of 8 files: -6, 0, 6, 12, 18, 24, 30, 36dB.
⑤ Search the IP address of the online device and display it. Right click to select IP to modify it.
⑥ The current channel gain adjustment key.
⑦ The input button. Enter the input adjustment.
⑧ The parameters of balanced button. Open parameter balance adjustment, 5 segment balance adjustment: center frequency, gain, bandwidth, all channel, reset.
⑨ Compressor button. Open the compressor adjustment, there are threshold, ratio, start time, recovery time, direct, reset function
⑩ The mixer button. Open the mixer adjustment and control the I8/O8 matrix mixing.
⑪ Graphic equalizer button. Open chart balance adjustment, 31 segment balance adjustment: narrow band, normal, broadband, frequency, gain, straight, through.
⑫ Limiter button. Open the limiter adjustment, there is a threshold, recovery time, straight through, reset function.
⑬ Output button. Enter the output adjustment.
⑭ Connection button. Enter the login interface.
⑮ Set button. Software downloads, upgrades, reset and so on.

5. PARAMETER

Analog gain	-6~36dB	Ground noise	-97dBu
Frequency response	±0.2 dB 20~20KHz	Input impedance	20 K
Maximum input level	+12 dBu	Output impedance	100
Maximum output level	+16 dBu	Channel isolation	100 dB @ 1 KHz
sampling rate	48KHz/24bit	Phantom	48V
THD+N	<0.002% @ 0 dBu	Power supply	PoE or DC12V