



## Prestel DSP-0808

Open architecture Dante 8 In 8 out  
DSP audio processor



**USER MANUAL**

## Open architecture Dante 8 In 8 out DSP audio processor

### Description:

The input and output modules of DSP can be customized according to the site conditions. At the same time, it has independent AFC/AEC/ANS/AGC/gain sharing automatic mixing, threshold automatic mixing and other processing modules. Meet the needs of audio processors and transmission in various places, such as conference rooms, multi-function halls, conference centers, auditoriums, administrative centers, etc.



### Features:

- ▶ Customizing operation software makes the configuration more flexible, and it can control Different DSP.
- ▶ Provides operation interface for customers to realize centralized control of multiple devices. And it can control third-party's equipment through DUP RS232, Rs485;
- ▶ AFC (feedback suppression), AEC (echo cancellation), ANS (noise suppression), ANC (noise gain compensation), AGC (automatic gain), gain sharing, threshold automatic mixing, dodger and other processing modules;
- ▶ 8 GPIOs can independently configure with input or output, and they can be used as independent ADC when configuring with input;
- ▶ Support RS232&UDP central control, UDP port can be set freely, and you can check the control software code
- ▶ High-quality 24bit A/D and D/A converter
- ▶ Dual network backup
- ▶ Dual Power Redundancy (AC/DC)

### SPECIFICATIONS

Type	Network interface, D/A conversion
Channels	8 channels mic (with phantom power)/ Line input, 8 channels line output
Network port	2 Gigabit Ethernet ports
Control ports	8 GPIO channels and 1 general purpose serial port Rs232
Frequency Response	20Hz~20kHz
Frequency of sample	48kHz
Dynamic Range	118dB
THD+N	<0.002%
Phantom Power	+48V DC 10mA
Gain	6dB/step (0db-45dB)
AD/DA	123dB
OPA(operational amplifier)	113 dB
Input Impedance (Balanced)	8k $\Omega$
Output impedance (balanced)	207 $\Omega$
SNR	> 90dB
Maximum input and output level	+20dBu/10dBv