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Prestel DSP-0808 Open Architecture Dante 8 In 8 Out DSP Audio Processor User Manual

Contents

Prestel DSP-0808 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 AFCI AECIANS/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 DSPs.
- 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, DIA 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 (Odb-45dB)
- AD/DA 123dB
- OPA(operational amplifier) 113 dB
- Input Impedance (Balanced) 8kΩ
- Output impedance (balanced) 207Ω
- SNR > 90dB
- Maximum input and output level +20dBu/10dBv

Documents / Resources

Prestel DSP-0808 Open Architecture Dante 8 In 8 Out DSP Audio Processor [pdf] User Manual
DSP-0808 Open Architecture Dante 8 In 8 Out DSP Audio Processor, DSP-0808, Open Architecture Dante 8 In 8 Out DSP Audio Processor, 8 Out DSP Audio Processor, Audio Processor

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