Manuals+ — User Manuals Simplified.

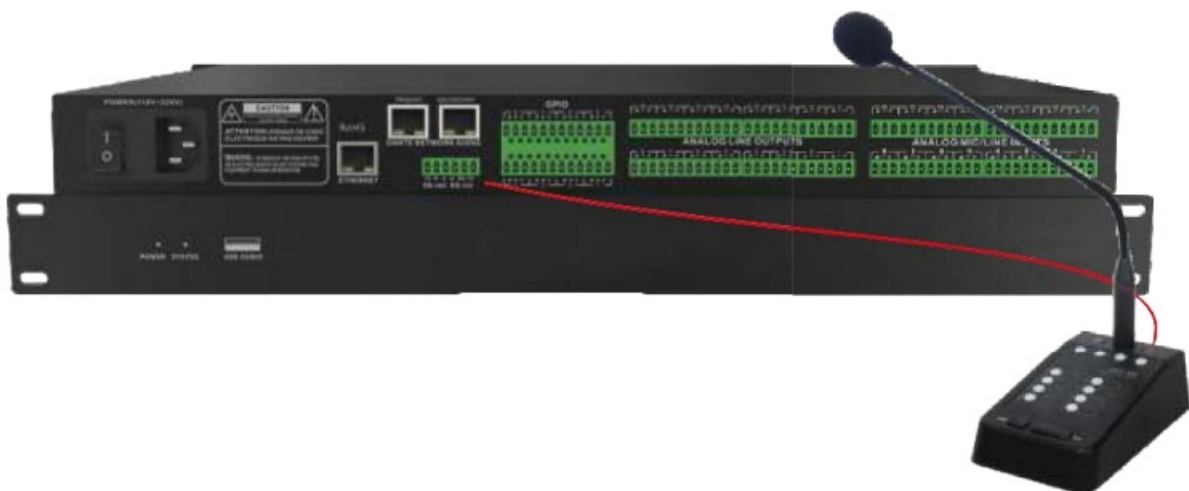# Prestel DAP-0808AD 8 In 8 out DSP Dante Audio Processor User Manual

Contents

Prestel DAP-0808AD 8 In 8 out DSP Dante Audio Processor

Features

- With industry-leading chip ADI SHARC 21489 , the working frequency can reach 450M Hz;
- 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), ANG (noise gain compensation), AGC (automatic gain), gain sharing, threshold automatic mixing, dodger and other processing modules;
- Each channel has independent adaptive feedback suppression, automatically find the feedback point, and automatically suppress;
- Full-featured matrix mixing, the input mixing level can be adjusted;
- There are 16 presets, each preset works independently;
- 8 GPIOs can independently configure with input or output, and they can be used as independent ADC when configuring with input;
- Support channel copy, LINK and group functions;
- Support RS232&UDP central control, UDP port can be set freely, and you can check the control software code;
- 2 types of wall panels are optional, and they are available to software programming.

Description

- uses the industry-leading chip ADI DSP SHARC
- 21489, and the highest operating frequency can reach 450M Hz. 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.

SPECIFICATIONS

- **Input Channels(analog)** 8
- **Output Channels(analog)** 8
- **Dante audio channel** Dante Ultimo
- **Input** 5/ 8/ 12 section PEQ (optional), AFC/AEC/ANS/ AGC/Auto Mixer
- **Output:** Frequency divider Frequency divider: 5, 8, 12 segment PEQ (optional); Delayer; Limiter
- **Input gain** 0/10/20/30/40/43 dB
- **THD+N** 0.003% @4d8u
- **Frequency respons**e 20″'20kHz ±0.2dB
- **Maximum level** +24d8u
- **Phantom power** +48V
- **Dynamic range (analog channel)** 113dB
- **Dynamic range (Dante channel)** 115d8
- **Self-Noise (A-Weighting-analog)** -89d8u
- **Self-Noise (A-Weighting-Dante)** -91 dBu
- **Common mode rejection ratio @60Hz** S0dB
- **Channel isolation @1 kHz** 108d8
- **Input impedance (balanced connection)** 9.4K Q
- **Output impedance (balanced connection)** 102 Q

- **System delay** <3ms
- **Power supply** AC11 o~240V,50Hz/60Hz
- **Dimension** 482 x 260 x 45mm
- **Weight** 3kg

Documents / Resources

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