MAG4040

Digital Audio Matrix Host with Dante / AES67



Description

The MAG4040 is a versatile audio matrix host designed for flexible audio routing, zone management, and centralized system control. It combines local analog I/O with Dante/AES67 network audio connectivity, comprehensive input and output DSP processing, and integrated media playback. With expandable zone capacity, multiple control interfaces, and web-based operation, it provides a flexible audio management solution for commercial installations requiring multi-zone distribution and centralized control.

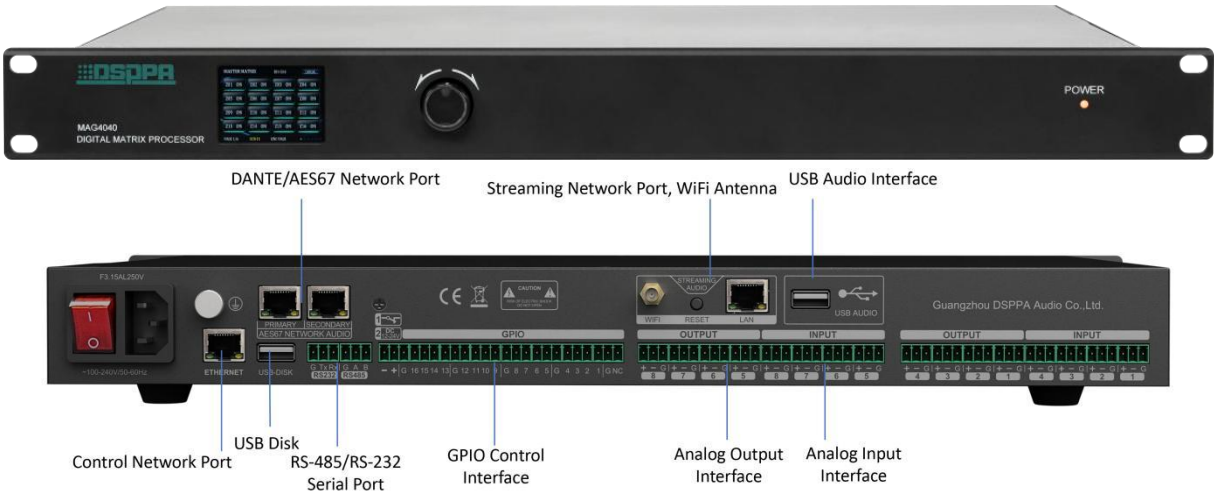
Features

- Flexible Audio I/O: 8 local analog inputs and 8 local analog outputs via 3-pin terminals, plus 8 Dante/AES67 network audio input channels and 8 output channels.
- Comprehensive Input DSP: +48V phantom power, adjustable gain, 15-band biquad PEQ, high-pass/low-pass crossover, noise gate, compressor, automatic feedback cancellation (AFC), auto mixer, ducker, delay, phase inversion, volume control, and more.
- Integrated Matrix and Zone Management: Supports zone management, paging, emergency fire alarm override, and flexible matrix mixing.
- Comprehensive Output DSP: 15-band biquad PEQ, high-pass/low-pass crossover, compressor, limiter, delay, phase inversion, volume control, and more.
- Versatile Media Playback: Supports USB flash drive playback, USB audio input, and network audio streaming.
- Customizable Scheduling: Supports custom schedule settings for automated system operation.
- Expandable Zone Capacity: Supports connection of up to 3 external slave media matrix units, expanding the system to 40 zones and 32 × 32 Dante/AES67 network audio channels.
- Rich Control Interfaces: Equipped with 16 GPIO ports, 1 fire alarm override port, 1 RS-232 port, 1 RS-485 port, 4 RJ45 ports, and 1 Wi-Fi antenna port.
- Web-Based System Control: Enables system configuration and control through a web-based interface.

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Front / Rear Panel



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