Symetrix

D100 IP DSP SERVER

Symetrix D100 reduces complexity and cost for applications that require management and control for large counts of audio channels.

OVERVIEW

D100 offers high performance, enterprise level, large scale centralized processing to manage and control high counts of networked devices.

The centralized processing of large quantities of IP endpoints including microphones, amplifiers, computers, remote controls, and control screens all within a single component greatly simplifies designing and deploying solutions that communicate and interact across multiple rooms, floors, buildings, or campuses. Managers of such systems benefit from a unified approach to monitoring and maintaining the equipment used to create their media environments.

D100 is a scalable server with three field upgrades to increase the Dante channel count, the internal media playback channel count, and the AEC (Acoustic Echo Cancellation) channel count.

KEY BENEFITS

High-Performance

Cost-effective solution that streamlines installations, reduces hardware complexity, and maximizes project efficiency while delivering superior audio quality.

Large Channel Count

Include every audio source and destination into designs that enable unique possibilities for any sort of media space.

Efficient Deployment

Effective installation and programming for larger audio/video/control system requirements.

Dante Integration

Expansive channel count offers unparalleled flexibility and scalability for audio control and network integration even in the most demanding and complex environments.

Acoustic Echo Cancellation

High channel count for integration into larger conference rooms or deployment across multiple conference rooms.

Record and Playback

Integration of prerecorded messages on multiple channels for announcements and alerts crucial to public facilities.

Extensive Signal Processing

Capabilities include compression, EQ, and matrix mixing for large quantities of different devices.

Field Upgrades

Licenses to increase various channel counts contribute to making the system scalable and cost effective.

Comprehensive Management

Fast and easy configuration and control with Symetrix Composer® software.

PRIMARY CAPABILITIES

- 256 × 256 Dante I/O channels, option to add 128 × 128 Dante I/O channels for a total of 384 x 384
- 64 channels of acoustic echo cancellation (AEC), option to add 32 AEC channels for a total of 96
- 32 media playback channels, option to add 32 or 96 media playback channels for a total of 128
- 8 media record channels
- Extensive control options via Symetrix SymVue Windows interfaces, T-Series touchscreens, Control Server, W-Series remotes, ARC-WEB interfaces, and TCP/UDP standard
- Lua scripting support standard
- Third-party control via Intelligent Modules

APPLICATIONS

- Education
- Business
- Venues

COMMON USE CASES

- Specialized audio and control distribution.
- Centralized system implementation that can be easily administered.
- Low-latency audio routing between rooms, floors, and buildings.
- Routing of announcements and playback to various locations.
- Emergency alerts and notifications throughout facilities.
- AEC (Acoustic Echo Cancellation) to communicate outside of environments.
- Interactive control for triggering actions and devices.

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WHERE IMMERSIVE AV EXPERIENCES BEGIN