Dynacord V Series

Dynacord, a leading manufacturer of professional audio electronics, introduces the V Series Zone Audio Platform – a comprehensive, ready-to-deploy solution for commercial audio applications designed specifically for AV systems integrators, installers and consultants. Engineered in Germany and manufactured in Portugal, the platform has been designed to meet the audio demands for background music, paging and messaging across hospitality venues, retail environments, corporate buildings, houses of worship and more.

Expanding upon the popular V Series two- and four-channel power amplifiers, the latest additions transform the family into a full-featured zone audio solution with a

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versatile DSP, mixing and control options. At its core is the new VZX-8 8-Zone Audio Processor, which is complemented by the VCS-8 8-Zone Call Station and the VWP Wall Panel Controller, providing flexible and intuitive operation for multi-zone sound systems.

Designed as a self-contained platform, making it an ideal solution for small to mid-sized installations that benefit from a simplified, out-of-the-box setup without the complexity of networked configurations. The platform allows for future expansion with both hardware extensions and new software functionality upgrades, ensuring long-term scalability and a lasting investment.

The V Series Zone Audio platform is built for ease of deployment and operation. All configuration and control tasks are handled through the intuitive VZX web app. Included URLs and ZeroConf technology streamline initial setup, no software downloads or apps are needed. System tuning is further simplified through loudspeaker database presets for the complete Electro-Voice portfolio and a wide selection of third-party speaker models.

At the core of the platform lies the VZX-8 8-Zone Audio Processor – a powerful and flexible front-end. Far more than a simple zone mixer, it is equipped with extensive I/O capabilities, internal storage and sophisticated signal processing for more complex audio setups. To ensure security, the VZX-8 is password protected for different user roles and credentials. The audio processor provides eight zone outputs and facilitates up to 20 processed input sources, including eight balanced mic/line inputs with phantom power. A total of eight GPIO ports are freely assignable as analog or digital inputs and outputs, with two ready/fault contacts for supervision. For integration with PA/VA systems, an emergency override input for line level or 70/100v signals is also available.

Inside, a comprehensive DSP package delivers maximum flexibility for background music, paging tasks and smaller live performances. Allowing full matrix flexibility without the complexity of an open-architecture DSP, the VZX-8 offers both standard and advanced DSP functionality including EQs, ducking, compression, Automatic Gain Control, Noise Gate, FX, room EQ and FIR-based speaker presets. Eight zone mixes are available, with multiple active sources. Levels of the output zones can be managed with Ambient Noise Compensation (ANC) to adapt automatically to ambient conditions. When needed, individual delay lines and subwoofer time alignments can be configured for optimal performance in larger spaces.

A virtual mixer with Automixer (AMM) and FX also facilitates live mixing on any zone making it ideal for houses of worship, bars with DJs, or fitness classes. A unique Virtual Mixer URL and QR code is provided to prevent unauthorized changes to the rest of the audio system. The VZX-8 comes with a 32 GB MicroSD card, enabling storage of music, messages, automatic configuration backups and more. Setups can be easily copied and transferred between systems using the VZX web app. A built-in message player allows for message triggering via GPIOs, the VCS-8 8-Zone Call Station, or other connected devices.

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To complement the zone audio processor, Dynacord introduces the VCS-8 8-Zone Call Station – a sleek, modern desktop device featuring a high-quality condenser microphone. Designed for live paging, it can also act as a system controller, triggering stored messages, muting zones and performing additional user-defined functions via nine freely programmable buttons. Communication priority can be customized, busy indication LEDs ensure clarity during active sessions. The system supports expansion with up to eight daisy-chained call stations, each configurable with chimes.

User operation is facilitated via the new VWP Wall Panel Controller, featuring a bright color TFT display and a push encoder for quick and easy operation. The VWP provides level, zone and source input level control as well as source selection of BGM, Zone Mix and Virtual Mixer sources. Configuration and labelling are easily managed via the VZX Web App. Thanks to Unicode compatibility, more than 150 languages are selectable for the display. Each wall panel’s access and menu screen options can be tailored with user profiles and security PIN codes. Two accessory ports on the VZX-8 8-Zone Audio Processor, each supporting up to 500 meters (1640 ft) of cable length, allow the connection of up to 16 accessories, offering maximum design flexibility even in large buildings.

The V Series multichannel power amplifiers V600:2 and V600:4 serve as a matching system drive, each offering 600 watts of total power. These amplifiers are quickly and easily connected via the two RJ45 line outputs of the VZX-8 8-Zone Audio Processor, reducing terminations and points of failure. With Dynacord’s sophisticated amplifier technologies on board, they incorporate powerTANK, which enables flexible power allocation across all amp channels, ecoRAIL for reduced energy consumption and Variable Load Drive (VLD) for flexible drive modes with various speaker loads.

Bullet-proof protection circuitry with sophisticated limiters ensures peace of mind by safeguarding both the amplifiers and the connected loudspeakers against potential damage. Depending on the individual power requirements, other models from Dynacord amplifier lines can be seamlessly deployed, such as IX Series, C Series and U Series.

The Dynacord VZX-8 8-Zone Audio Processor, the VCS-8 8-Zone Call Station and the VWP Wall Panel Controller will be shipping by the end of 2025.

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