

V Series Zone Audio Platform

One platform. Uncompromised audio.



VZX-8 8-Zone Audio Processor

VCS-8 8-Zone Call Station

VWP Wall Panel Controller

V Series Power Amplifiers

VZX Web App



DYNACORD

V Series Zone Audio Platform

In commercial installs, you need a zone audio system that is fast to set up, easy to manage, and flexible. But often, you end up juggling DSPs, accessories and amps that really don't talk to each other.

That's why we created a complete zone audio platform, reliably handling background music, paging, and messaging with maximum ease and flexibility.

Dynacord's V Series has evolved into a complete zone audio platform with the **VZX-8 8-Zone Audio Processor**, **VCS-8 8-Zone Call Station**, and **VWP Wall Panel Controller** – a self-contained, cost-effective solution for commercial installations.

The zone audio processor is at the core with advanced DSP functionality designed to meet the diverse needs of commercial fixed installations. The intuitive **VZX Web App** enables fast system configuration, setup, and control without the need for extra software. Dynacord's V Series power amplifiers are the perfect match, offering easy connectivity, power and sophisticated amplifier technologies for trouble-free, flexible operation.

Ideal for countless applications:

Bars / Restaurants

Hotels

Fitness Centers

Houses of Worship

Retail Outlets

Education



The Components



VZX-8 8-Zone Audio Processor

20 processed input sources with 8 balanced mic/line inputs

Full Matrix DSP: input EQ, compression, AGC, Noise Gate, FX, room & speaker EQ with FIR and more

Virtual Mixer with Automixer (AMM) and FX available for live mixing on any zone

32 GB MicroSD card included for storing music, messages and configuration files

Compatible with SONICUE databases for all Electro-Voice loudspeakers and other third party manufacturers

2x RJ45 accessory ports work reliably with cable lengths up to 1,640 ft (500m) per port, allowing up to 16 devices



VWP Wall Panel Controller

Easy to read 1.77" color TFT display

Unicode support for 150+ languages

Expandable up to 16 controllers, daisy chained

Flexible level, zone, source control, and media player control in VZX Web App

Interchangeable front panel (white/black)

Available in standard sizes for EU or US wall-mount boxes



VCS-8 8-Zone Call Station

9 freely programmable buttons

Customizable priority

Expandable with up to 8 Call Stations

LED light-ring busy indication

High-quality condenser microphone

Sleek, stylish design



V SERIES Power Amplifiers

4-channel and 2-channel models with 600W power capacity each

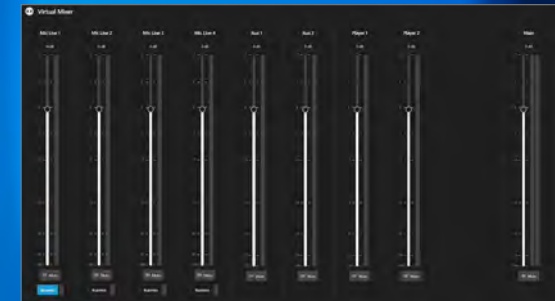
One rack width and ½ rack width form factors

RJ45 line inputs

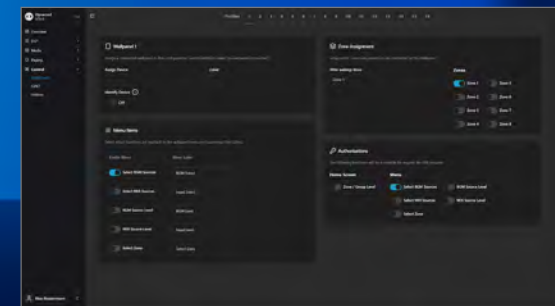
powerTANK technology for flexible power allocation across all channels

ecoRAIL technology for significant reduction in power consumption

Silent operation through dualCOOL convection cooling



Virtual Mixer

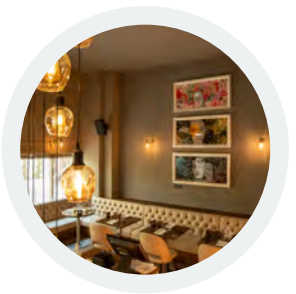


Wall Panel Configuration

The VZX Web App

Intuitive system configuration,
setup, and control

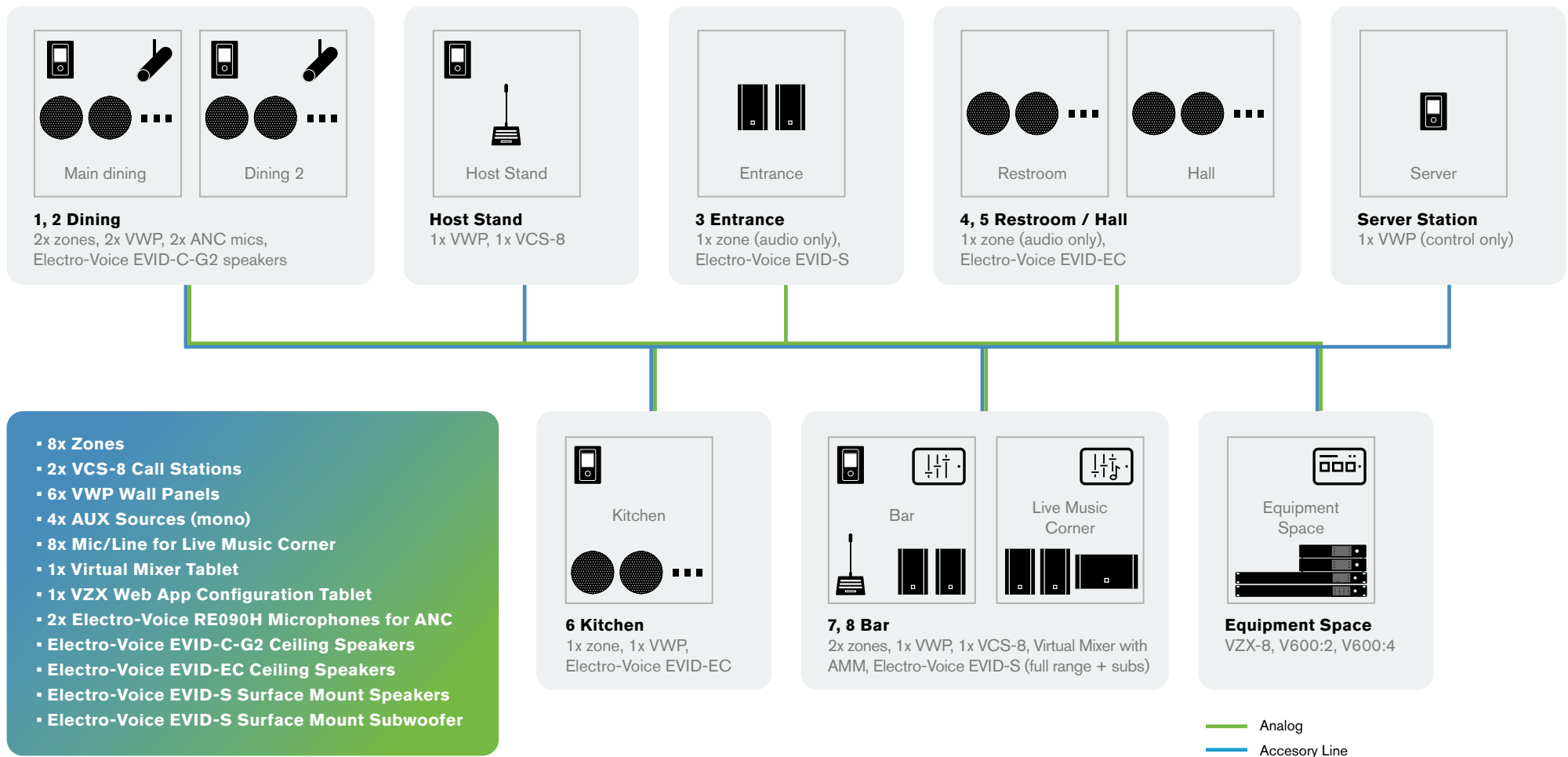
The **VZX Web App** is an adaptive web app you can access on any device with a browser, for configuring and managing zone audio systems. **Setup zone audio, messaging, paging, and wall-panels** in minutes. Processing blocks have copy/paste functions to speed up configurations. The VZX Web app provides **full matrix DSP** functionality to assign any input – to any output, and advanced DSP functionality including Dynacord **FX**, **AGC**, and **ANC**. The app also features a **Virtual Mixer** onboard, enabling live mixing with an **integrated Automixer (AMM)**. Easily supervise all aspects of your zone audio system, from input routing and zone creation to output adjustments and speaker settings – all through a simple interface. VZX Web App supports **multiple configuration languages**.

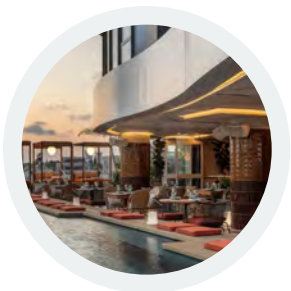


Application: Restaurant Bar System

Restaurant & bar installation with multiple audio zones, offering the sound precision and flexibility of open architecture DSP at lower cost and complexity. It replaces third-party gear for message playback and live paging, integrating all functions into one system controlled via the VZX web app. Live music events benefit from virtual mixing on an iPad, with AMM

for dynamic input control, without the need of a sound engineer. ANC on the outputs adjusts volume automatically to ambient noise levels, solving complaints about music being too loud or quiet. AGC on inputs ensures balanced levels between loud and soft voices or varying music tracks, delivering a smooth and consistent audio experience throughout the venue.

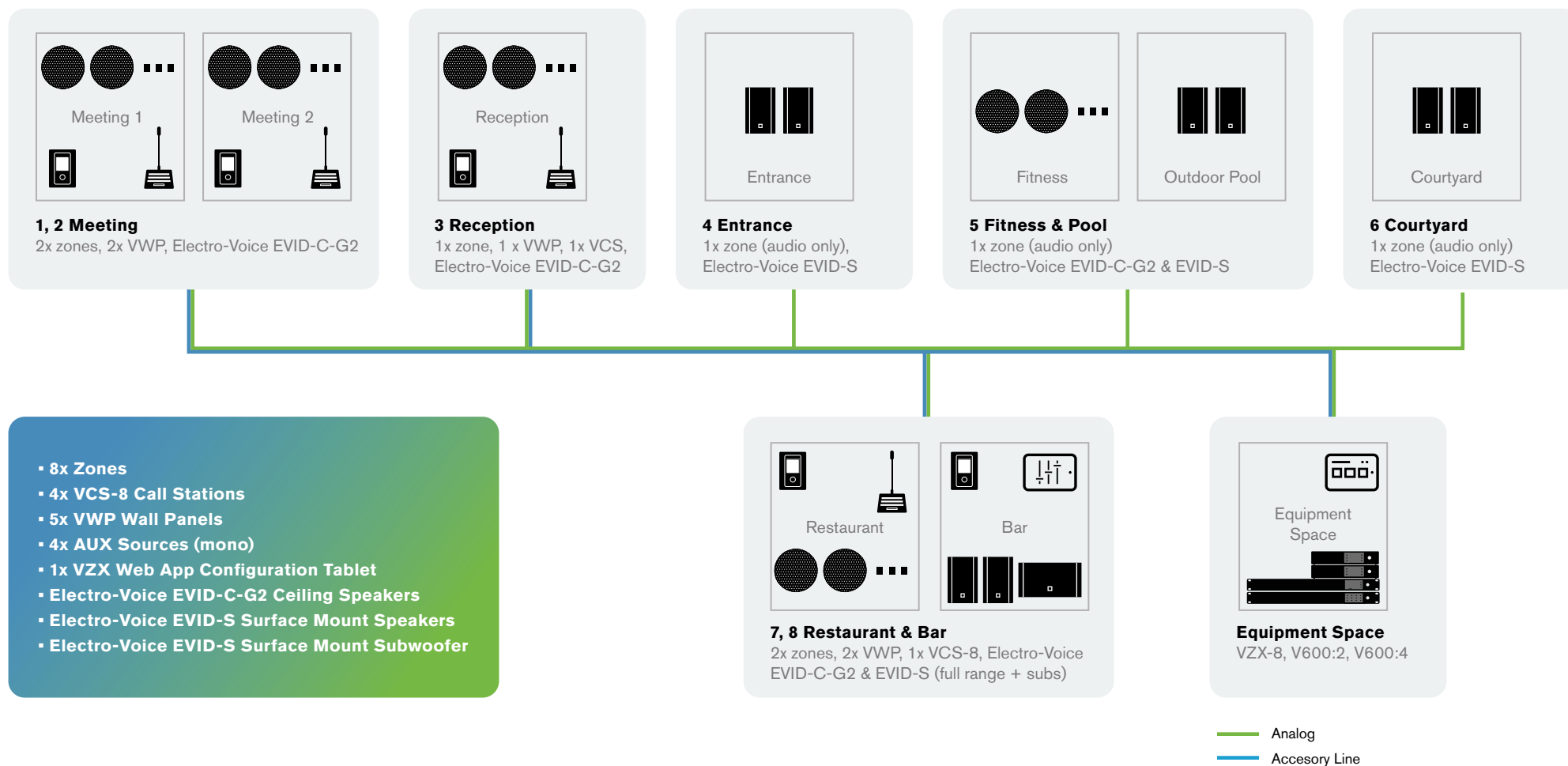




Application: Hotel System

The VZX-8 is perfectly suited for hospitality venues requiring multiple audio zones across diverse areas, delivering sound precision like a high-end open architecture system, but at lower cost, quicker configuration time and easier updates. Its integrated message player and live paging functions eliminate the need for extra equipment, further reducing system complexity and

cost. The VZX web app allows full control of all parameters. With AGC on inputs, the system automatically balances microphone levels, ensuring clear announcements regardless of speaking volume and balances out volume differences between music tracks.

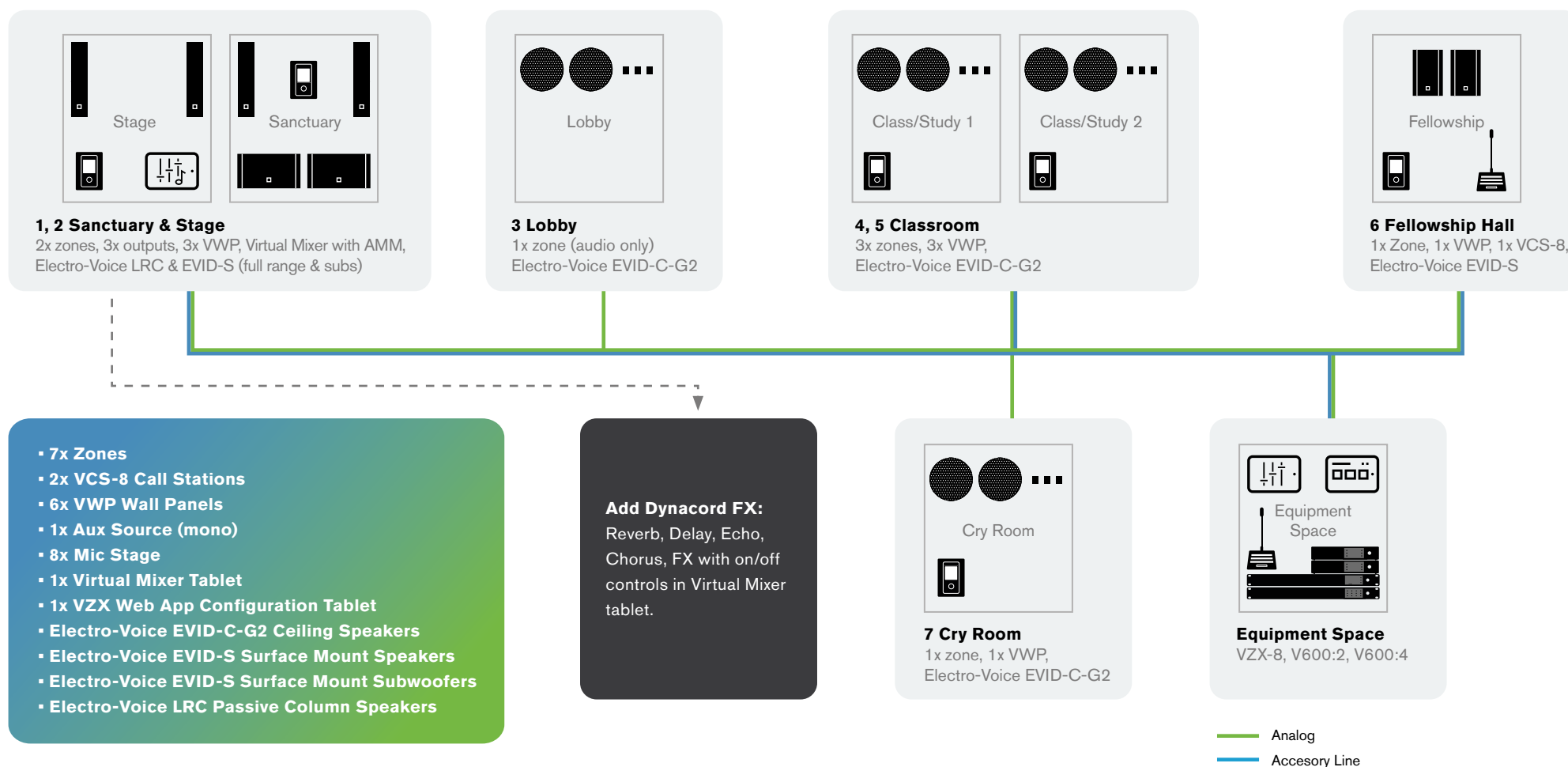




Application: House of Worship System

In houses of worship, the VZX-8 offers a streamlined alternative to costly open architecture DSP systems and the use of external mixers. It delivers high-end sound precision with lower setup complexity and cost. Built-in message playback and paging for up to 8 Call Stations eliminate the need for third-party equipment, while integrated Dynacord FX, such as reverb,

improve speech and music. The VZX-8 also features AMM automixing and a virtual mixer, which can be assigned to dedicated zones like a prayer room to automatically maintain consistent microphone levels. This reduces manual adjustments and ensures clear, reliable audio performance across all zones.



VZX-8

8-Zone Audio Processor



SPECIFICATIONS

Model	VZX-8
Audio Inputs	20
Total Processed Sources	
Mic/Line Inputs	8 (Euroblock, balanced, with mic preamps)
RCA Inputs	4 (summed mono)
Digital Sources (Media Player, Message Player)	8 mono or 4 stereo
Accessory Ports	2 (RJ45)
EMG Override Inputs	1 (Euroblock)
Stereo Capability	2 inputs can be combined as one stereo channel for processing and routing, allows balanced stereo pairs
Internal Storage Size	300 MB
Storage Card	32 GB MicroSD
Total Processed System Zones	8
Line Outputs Euroblock	8 (Euroblock)
Line Outputs RJ45 (in parallel with Euroblock)	2 x RJ45 LINE OUT 1 - 4 / 5 - 8, for use with V-Series Amplifiers (AES72-1E)
General Purpose Inputs / Outputs	8 X GPIO, freely assignable as inputs or outputs
Operating Modes	Switchable analog in / digital in / digital out
EQ	Dedicated HPF (BW 6-24, dB/oct), 4-band (selectable PEQ, Notch, Hi-Shelf, Lo-Shelf, Hi-ShelfQ, Lo-ShelfQ, HPF, LPF)

SPECIFICATIONS

Input Dynamics	Noise Gate, Compressor, Automatic Gain Control (AGC), Trim, VOX Ducker
Capabilities	Full Matrix DSP: any input to any zone output, ducking, source selector
Virtual Mixer	Full mixing capability with Automixer (AMM) for all Mic/Line inputs
Virtual Mixer FX	1 x FX selection (reverb, echo, delay, chorus, combinations) with level per input
Room EQ	5-band selectable as PEQ, Notch, Hi-Shelf, Lo-Shelf, Hi-ShelfQ, Lo-ShelfQ, HPF, LPF
Speaker EQ Presets	Select from entire EV, Dynacord and generic loudspeaker databases or import additional SONICUE speaker databases
Custom Speaker EQ	10-band selectable as PEQ, Lo-Shelf, Hi-Shelf, HPF, LPF, Allpass and FIR
Output Delay	150 ms
Maximum Accessories per Port	8
Maximum Accessories per VZX-8	16
Maximum VCS-8 Call Stations per VZX-8	8, connected with accessory ports
Maximum Bus Length:	Up to 1640 feet (500m) cable length per port
Control Port:	1 x RJ45 (100/1000 Mbit)
Network Protocol	TCP/IP, HTTP(s), JSON RPC, (secure) Websocket, OCA
Sample Rate	48 kHz