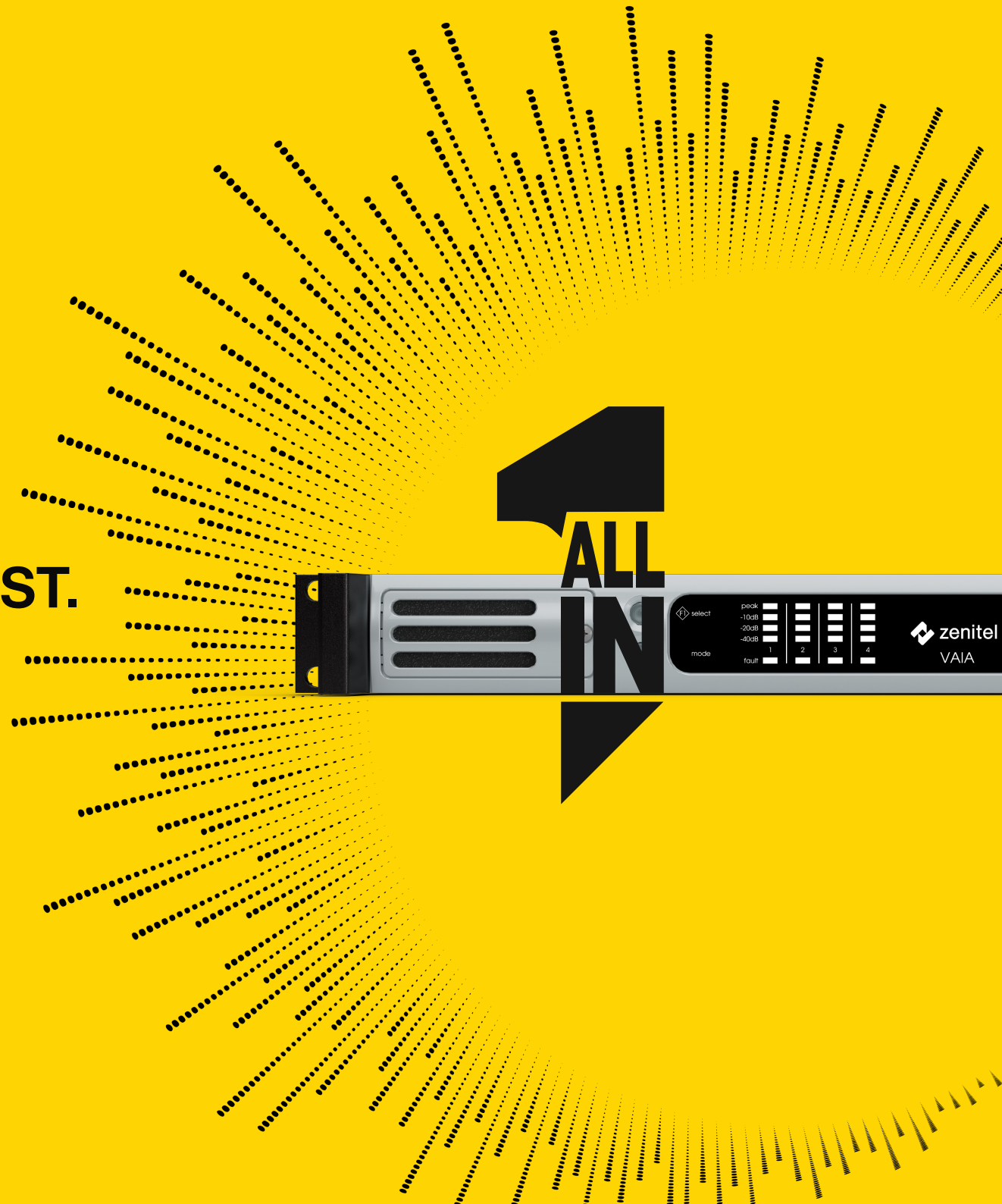




**POWERFULLY SIMPLE.  
CLARITY YOU CAN TRUST.**



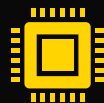
Public Address and Voice Alarm  
**ZENITEL VAIA RANGE**



Router



Amplifier



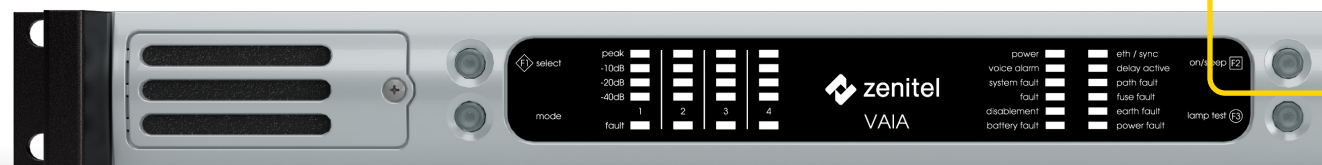
DSP

Battery  
ChargerMessage  
Storage

**ALL  
IN**

# POWER

Zenitel VAIA is a compact, all-in-one Public Address and Voice Alarm system, certified to EN54. Powered by patented amplifier technology, it delivers exceptional audio quality and ultra-high density in a single 1U unit—integrating router, amplifier, and battery charger. Designed for mid-sized deployments, Zenitel VAIA combines performance, reliability, and flexibility with fast, straightforward installation.





## Simplicity

Zenitel VAIA is one of the most compact PAVA systems available, purpose-built for low-complexity projects where straightforward system design, simple zoning, and fast deployment are essential. It enables installers to deliver EN54-16 compliant systems with confidence, even where specialist PAVA experience may be limited.

With an integrated backup amplifier included as standard, Zenitel VAIA supports high system availability without additional hardware. Its robust construction and high MTBF are designed to deliver years of reliable operation in demanding critical communication environments.

Zenitel VAIA also offers a true out-of-the-box experience. By reducing the number of required product SKUs and minimising complex interconnecting cable looms typically found in traditional rack-based systems, it simplifies every stage of the process, from delivery and installation to maintenance and repair. The result is faster deployment, easier servicing, and significantly reduced mean time to repair.

Simple to install,  
Built for reliability



# Audio Excellence

Powered by patented, next-generation amplifier technology, Zenitel VAIA delivers exceptional audio performance for operational, multimedia, and life-safety applications. Its patented amplifier technology, combined with advanced 32-bit internal processing, provides a high signal-to-noise ratio, ultra-low distortion, and a full 20 Hz to 20 kHz frequency response. The result is clear, highly intelligible audio and an enhanced listening experience across all applications.

Zenitel VAIA also features professional-grade DSP and uncompressed native audio, ensuring consistent, high-quality sound reproduction at all times.

The self-oscillating amplifier architecture and pseudo-floating configuration are engineered to maintain outstanding performance, even in demanding high-noise environments.

**Engineered for exceptional clarity.**



# Key Applications



Zenitel VAIA is a cost-effective solution for mid-sized installations, including conference halls, hotels, corporate offices, and local train stations. Its compact, all-in-one design simplifies deployment while delivering the reliability and performance required for life-safety applications.

For larger EN54 deployments, up to four Zenitel VAIA units can be interconnected to create a scalable and easy-to-deploy solution, making it ideal for multi-building environments such as hospitals, universities, and campus-style facilities.



## Zenitel VAIA

VAIA delivers a complete paging and voice alarm solution in a compact, all-in-one platform. Featuring integrated networking, onboard signal processing, and built-in standby amplification, it combines advanced functionality with a simplified system design.

**Built-in auto switching standby amplifier for guaranteed continuous operation**

**Built-in EN54-4 charger and battery supply**



**Clear status and amplifier indication to easily see system operation**

**EN 54-16 compliant audible and visual indicators**

**Compact all-in-one 1U 19" enclosure offering everything you need for a complete audio system**

**1kW of output power across 4 individual class-D amplifier**

# Key Specs



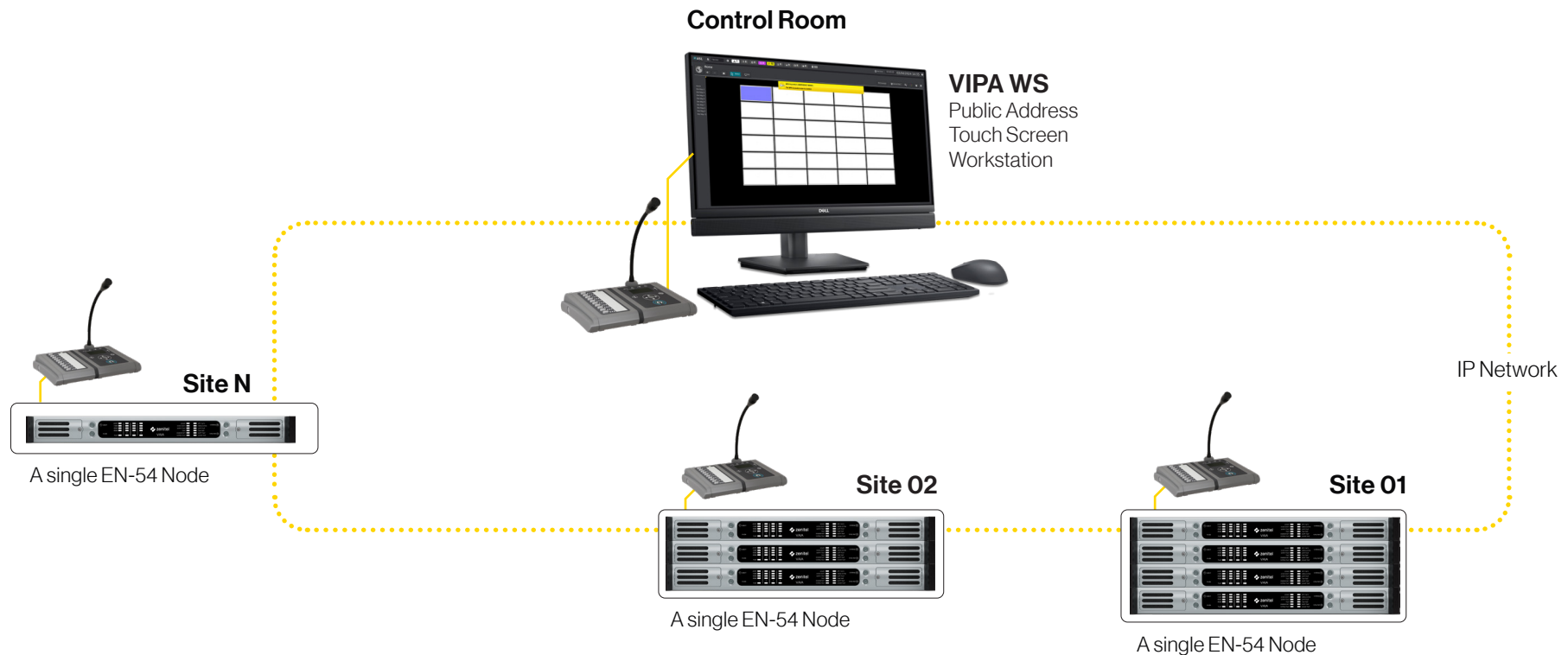
## Feature

## Specification

<b>Applications</b>	Voice Alarm Emergency Audio Live paging Automated paging Background music
<b>Form Factor</b>	19" 1U
<b>Model Variants</b>	3 models (VAIA, VAIA-AC, VAIA-48V)
<b>Total Power</b>	1000W @100V RMS
<b>Power Partitioning</b>	25W to 500W RMS per channel
<b>Loudspeaker Connections</b>	4 individually monitored connections per amplifier
<b>Standby Amplifier</b>	1 hot standby amplifier
<b>Energy Efficiency</b>	Auto-sleep feature minimizes quiescent power consumption
<b>Supervision</b>	Integrated supervision with built-in monitoring
<b>Battery Charger</b>	Integrated
<b>Connectivity</b>	IP-enabled
<b>Certification</b>	EN54-16 and 4

# System Architecture

From a single-site EN54 node consisting of four VAIA units to multi-site distributed PA deployments with hundreds of VAIA units, VAIA delivers a scalable and flexible PAVA architecture. Designed for mid-sized deployments with distributed system requirements, VAIA combines simplicity, resilience, and high-performance audio in one unified platform.



# Selected Reference

Norway, 80 x VAIA-48V

## Follo Tunnel Line

In close collaboration with Bane NOR, Zenitel has successfully installed and handed over an advanced IP-based operational audio system that met all of the project requirements, ensuring the overall safety and security of both staff and passengers.



# Zenitel VAIA

Patented Technology

Simple to install

Built for reliability

Engineered for clarity

Proven & Trusted

**POWERFULLY  
SIMPLE**

