zenitel

DATASHEET



1200101000

Zenitel VAIA

Compact PAVA System for Small to Mid-sized Facilities - EN 54

- Compact PAVA system in a 1U 19" all-in-one enclosure
- Up to 1000W RMS output @ 100V
- 4 duty amplifier channels plus 1 standby channel
- Flexible power partitioning up to 500W RMS per channel
- 4 individually monitored loudspeaker lines per amplifier
- Integrated supervision and redundancy for enhanced reliability
- Integrated battery charger
- Energy-efficient operation with low power consumption
- IP-enabled audio distribution and system control
- Supports distributed voice evacuation systems
- Simplified installation with reduced cabling and cabinet space
- EN 54-16 and EN 54-4 certified

Public Address Voice Alarm Commercial Audio EN54 EN 54 Certified

Description

Zenitel VAIA is a compact all-in-one public address and voice alarm system designed to deliver reliable voice evacuation, paging, and background audio for small to mid-sized facilities.

Built for environments such as hospitals, hotels, schools, shopping malls, and local railway stations, VAIA combines amplification, DSP, monitoring, battery charging, and system control into a single compact 1U enclosure.

This integrated architecture reduces:

- Installation complexity
- Cabinet space requirements
- Interconnecting cabling
- Deployment and maintenance time

The result is a flexible and cost-effective compact PAVA system that is easier to install, operate, and scale.

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Powered by Zenitel's patented amplifier technology and advanced 32-bit signal processing, VAIA delivers high speech intelligibility, low distortion, and excellent audio quality across the full frequency range. Integrated monitoring and redundancy help ensure reliable operation during critical events.

With built-in IP networking capabilities, VAIA supports both standalone and distributedvoice alarm systems, making it suitable for a wide range of public address and voice evacuation applications.

Despite its compact footprint, the system delivers up to 1000W across four independent amplifier channels with intelligent power management features that improve energy efficiency without compromising performance.

The Zenitel VAIA compact PAVA system is fully EN 54-16 and EN 54-4 certified and continuously monitors the signal chain from microphone to loudspeaker line, helping operators quickly detect and resolve faults.

The Zenitel VAIA range includes three variants:

- VAIA – AC and DC operation with full EN 54 certification
- VAIA-AC – universal AC mains operation
- VAIA-48V – DC-only operation

Used With



ANS04-ES

Wall Mount Sample and Hold Ambient Noise Sensor

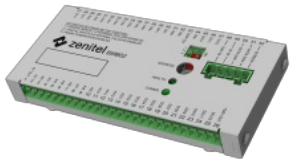
Item Number: 1200500040



DANS01

Wall Mount Dynamic Ambient Noise Sensor

Item Number: 1200500010



BMB02

Din Rail Mount I/O Expansion Device

Item Number: 1200550031

EMS01

EMS01

Wall Mount Emergency Mic - Single Button

Item Number: 1200400010

EMS10

EMS10

Wall Mount Emergency Mic with 10 Buttons

Item Number: 1200400100

EMS20

EMS20

Wall Mount Emergency Mic with 20 Buttons

Item Number: 1200400200

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MPS01-G

Desk Mount Paging and Emergency Microphone - Gooseneck

Item Number: 1000169



MPS10-G

Desk Mount Paging and Emergency Microphone with 10 buttons - Gooseneck

Item Number: 1000187



MPS20-G

Desk Mount Paging and Emergency Microphone with 20 buttons - Gooseneck

Item Number: 1000189

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MPS30-G

Desk Mount Paging and Emergency Microphone with 30 buttons - Gooseneck

Item Number: 1000190



MPS40-G

Desk Mount Paging and Emergency Microphone with 40 buttons - Gooseneck

Item Number: 1000191



MPS50-G

Desk Mount Paging and Emergency Microphone with 50 buttons - Gooseneck

Item Number: 1000192



SAP02

Wall Mount Paging Microphone with PTT - Lockable Enclosure

Item Number: 1006845



SAP03

Wall Mount Paging Microphone with 10 buttons - Lockable Enclosure

Item Number: 1200420030

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VRMS4-IP

Flush Mount Paging Mic with 4 Buttons - Gooseneck - IP enabled - Vandal Resistant

Item Number: 1200430040

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