zenitel

DATASHEET



1200101002

Zenitel VAIA-48V

Compact all-in-one PA system for critical facilities - 48V DC Version

- 42–52 V DC power input for resilient DC-powered infrastructure
- Up to 1000W RMS @ 100V in a compact 1U 19" enclosure
- 4 duty amplifier channels plus 1 standby channel with flexible power partitioning
- Integrated supervision, redundancy, and monitored loudspeaker lines
- High speech intelligibility with energy-efficient amplifier technology
- IP-enabled audio distribution and system control for distributed applications

Public Address Commercial Audio

Description

Compact PA System for Critical Infrastructures

Zenitel VAIA-48V is a compact all-in-one public address and voice alarm solution designed for facilities where resilient DC-powered operation, reliable paging, and clear voice communication are essential.

The system combines amplification, DSP, monitoring, and control functionality into a compact 1U enclosure, helping reduce cabinet space, installation complexity, and deployment time.

Designed for small to mid-sized sites, the VAIA-48V supports:

- Zoned live paging
- Automated announcements
- Background music distribution
- Distributed public address applications

Its built-in IP networking capabilities make it easy to expand into larger distributed voice communication systems when required.

Powered by Zenitel's patented amplifier technology and advanced 32-bit processing, the VAIA-48V delivers high speech intelligibility, low distortion, and excellent audio clarity across the full frequency range. Integrated monitoring and redundancy features help ensure dependable operation in demanding environments.

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Despite its compact footprint, the system delivers up to 1000W across four independent amplifier channels while maintaining high energy efficiency through intelligent power management and auto-sleep functionality.

The VAIA-48V shares the same deployment philosophy and configuration approach as the entire Zenitel VAIA range, allowing system integrators to standardize installations across multiple facility types while selecting the most suitable power architecture for each project.

Used With



ANS04-ES

Wall Mount Sample and Hold Ambient Noise Sensor

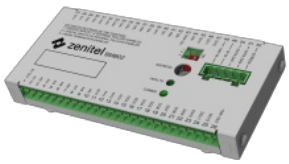
Item Number: 1200500040



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



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

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MPS20-G

Desk Mount Paging and Emergency Microphone with 20 buttons - Gooseneck

Item Number: 1000189



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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