

CEAS-SA

Standalone PAGA system

Ideal for :

- Utilities
- Oil & gas
- Mining
- Industrial sites



Description

The CEAS-SA is the standalone version on the CEAS, an industrial strength PA/GA (public address + general alarms) system tailored for utilities.

Alarm tones and live speech can be triggered by dry contact inputs, phone lines or line level audio inputs. Each input trigger is managed by a strict priority matrix so that critical events override less important ones.

Configurable alarm tones can be customized for different events such as general evacuation, gas detection.

The live speech and alarm tones can be broadcast in specific physical zones, based on the type of event. The CEAS-SA manages up to 32 zones.

Dry contact outputs are used to trigger peripherals such as visual beacons, and to confirm alarm tone emission to external systems such as PLC or SCADA.

M2S offers a complete range of accessories and peripheral to tailor the system for your specific needs or existing equipment.

Functionnalities

- Safety critical emergency notifications (general alarms)
- Security and general interest messages (public address)
- Staff availability (phone ring extensions, paging)

Safety critical duty

- Failsafe design
- Hardwired logic, no software in the critical loop
- Multiple redundancy options N+1, A+B
- Robust industrial amplifiers

Low cost of ownership

- Compatible with existing infrastructure
- Sub zoning for reduced amplifier count
- High power density, reduced rack size
- License free

Specifications

Inputs / outputs

Dry contact : 28 in / 28 out
Audio : 9 in / 32 out
PBX : 18 ring detec / 1 full

Speaker line

70 V line (default)
25 V line (configurable)
100 V line (option)

Dimensions

Standard 19-inch racks
Floor mount 42U (default)
Wall mount 15U (option)
Shipped pre-wired

Amplifier

Up to 2.7 kW (8 amplifiers)
High efficiency
Fully protected
Hot swappable

Peripherals

Loudspeakers
Beacons
Slave amplifiers (option)
Optical transmitters (option)
RF transmitters (options)
ATEX modules available

Supply and environment

-48VDC
115/230 V AC
129VDC
CSA/UL 60950-1 certified

Typical system

