NEW

MADE IN GERMANY

A Lifesaver !

In a case of emergency, people will only react quickly and appropriately if they are provided with sufficient information about the thread.

All buildings hosting persons have to be equipped with voice alarm systems. The European norm **EN 60849 / IEC 60849** defines the requirements to such a system completely.

Description Control-Center ESC-012 A

VARES ESC-012 A has been developped in full accordance to the latest rules and regulations for security. Targeted towards small and medium-scaled usage scenarios, it handles all the tasks and challenges a voice alarm systems faces in everyday life.

Installation is handled in an easy and straightforward way by using the LCD based user interface. All connected auxiliary components are scanned and registered automatically.
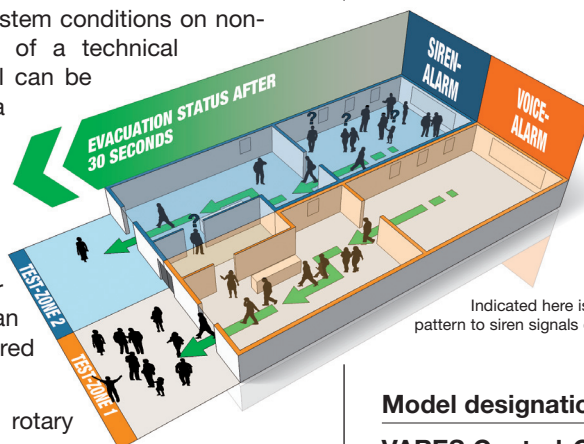
Speaker lines can be configured in 12 single or 6 A/B lines for an increasd of security. Even a mix of single and redundant line setups for custom scenarios is possible.

A logging function stores all system conditions on non-volatile memory in any case of a technical failure. The generated protocol can be viewed immediately or sent to a printer.

Specifications:

- Graphical user interface with adjustable colour scheme, in any case of an alarm the display flashes in red colour.
- Menu interface with digital rotary encoder.

- Password protected menu interface.
- Fully variable assignment of up to 12 speaker lines to a maximum of 6 power amplifiers, maximum amplifer power is 480 W each.
- A faulty power amplifier is detected and replaced by the backup amplifier automatically.
- Two line level inputs of different priority levels can be used for various tasks, like background music distribution or paging via a telephone system.
- Free assignment of the program to any of the 12 speaker lines.
- The internal digital message memory (based on an SD card) is equipped with an evacuation announcement, a siren according to DIN 33404 and two different chimes (one tone and four tones).
- All 12 speaker lines are monitored for short circuits, line breaks and impedance variation.
- Error messages are provided by clear text display, signalling LED, sounder and dry contact.
- Up to 10 digital call stations VLM-106 can be connected
- VLM-106 call stations can be expanded to address 12 zones by VLE-006 expansion units.
- Emergency microphones ESM-100 D and ESM-010 H enjoy individual 3-band equalisation for best intelligibility of any announcement (up to two emergency microphones can be connected).

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Indicated here is the different reaction pattern to siren signals or a spoken message.

Model designation

VARES Control-Center, 2 RU .... **ESC-012 A**

Digital Desktop Microphone

VLM-106

VLE-006

Description

VLM-106 manages announcements into one or more selected zones and all-calls. An expansion to handle 12 call zones is possible by the use of an optional six-button module VLE-006.

● A digital interface card RR-60 and a cable with matching RJ45 connectors is already included.

● On an overall bus length of 100 m on CAT7 cable up to ten pcs. VLM-106 can be connected to a single ESC-012 A. For larger distances please use lower resistance cables.

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Digital Microphone Station, Electret microphone with cardioid characteristic **VLM-106**
Microphone Extension +6 zones, for VLM-106 , ton handle 12 call zones. **VLE-006**

Emergency Microphones (fully monitored)

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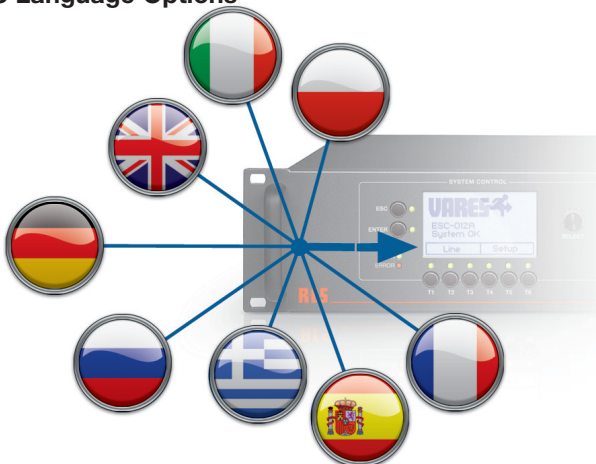

ESM-100D

ESM-010H

Description

Up to two emergency desktop microphones ESM-100 D or one handheld emergency microphone ESM-010 H can be connected to ESC-012 A.

All emergency microphones are monitored permanently, according to EN 60849 / IEC 60849. Measurements are taken and analysed from the microphone capsules, the complete signal path and the call buttons. For the connection to ESC-012 A please use a shielded 4 wire cable.

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Emergency Microphone, monitored . . . . **ESM-100 D**
Emergency Handmicrophone, monitored . . . . **ESM-010 H**

VARES Language Options

Software Menu Language

As alternatives to English and German ESC-012 A offers a variety of menu languages as options:

● Russian
● Spain
● Italian
● French
● Polish
● Greek

Please contact us for additional language sets.

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VARES Language Options, (please state preferred language in order) **VSL-001/X**