AMADEO

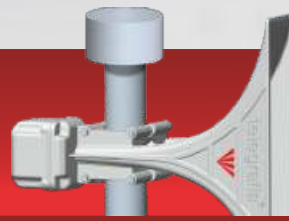## Modular sound distribution, warning and evacuation system

AMADEO is a modular sound distribution, warning and evacuation system. It is designed for use in manufacturing facilities, their surroundings, in administrative and commercial establishments, cultural centers, and the outdoors. Due to its scalability it can be used in smaller areas, or for larger more complicated areas. The system **meets the requirements of STN EN 60849 standards for emergency sound systems** and in the standard version it has battery back-up.

Main functions and features:

The main function of the system is to broadcast voice messages or acoustic warning signals. It is possible to broadcast:

- live reports from the microphone,
- voice messages and signals from the internal memory (SD card),
- radio broadcast from built-in FM receiver,
- files from a connected USB key,
- audio signals from various external sources (radios, cell phones, etc.).

Messages can be activated:

- by buttons or selected from the menu at one of the call stations,
- with instructions from connected computers via VEKTRA software,
- automatically with input from the environment - data from various sensors, buttons, etc.,
- based on the requirements of monitoring and control systems of third parties - SCADA systems, electronic security systems, etc.,
- based on the requirements of other software, running on personal computers,
- direct input from other communication systems - mobile and fixed telephone lines, radio stations, FM radio, satellite communication systems, etc.

The second function of the system is gathering information from:

- sensors for hazardous substances,
- temperature sensors,
- water level sensors,
- other buttons

and based on this information activating the warning signals and controlling any attached equipment, such as:

- optical signals and warning equipment,
- security monitors and cameras, bars and gates,
- semaphores, etc.

There are many ways to ensure required functionality – by performing a simple configuration or developing the algorithms needed by the scripting language.

telegrafia
... we are the solution

www.telegrafia.eu