Outdoor
Notification

Dynamic technology providing clear emergency notification to outdoor areas

Features

Alertus offers breakthrough text-to-speech technology embedded in a high power speaker array (HPSA). Alertus can override your existing outdoor HPSA or design a new system to cover your campus, base, or facility outdoor areas with siren tones and clear voice messages.

- **Innovative Text-to-Speech Technology:** Dynamic text-to-speech technology provides clearly annunciated emergency notifications that can easily be heard over siren systems

- **Cost Effective:** Users can easily upgrade their system as needed or leverage existing infrastructure

- **Secure:** Software is certified to be behind Department of Defense firewalls, making this system one of the safest and most secure options available

- **Reliable:** IP/wired solution offers a reliable option that isn't limited by WiFi connectivity; system includes battery backup and is continually monitored

Speaker Compatibility and Configuration

Alertus integrates and is compatible with a number of outdoor mass notification speaker options, including but not limited to HPSA towers from ATI, Whelen, Federal Signal, American Signal, and Cooper Waves.

Specifications

Outdoor Self-Amplified High Power Speaker

- 100W audio
- Assembly weight of 23 lbs
- 30 minute continuous sound (on battery backup), 120 minute speech
- Working temperature range of -40° C to 85° C

High Power Speaker Array

- High Power Speaker Arrays come in 300,600, 900, 1200 and 2400 Watts
- The core of the HPSA consists of a control module, amplifier modules (amplifier output is 2 x 150W), a power supply unit, and a battery charger
- The electronics of the siren are fed from two 12V maintenance-free batteries, which are continuously recharged from a 230/120V circuit
- Faults from the electronics are detected by an Alert Beacon®, which communicates back to the Alertus System. The Alert Beacon also activates the siren system providing a siren tone and clear text-to-speech messaging
- Ability to connect local audio signal inputs, including a local microphone or other local signal sources
- Separate audio amplifiers with extremely high power efficiency
- Enhanced automatic testing routines
- Storage of all the important events related to siren activities in the internal memory
- Intelligent battery charging; optimization based on modern algorithms to prolong battery life
- 8 programmable digital/analogue inputs and outputs
- 2 RS232 ports
- – 25 to 70° C operating range
- Durable sound baffles made of a lightweight aluminum alloy

Radio control

- Licensed UHV / VHF radio optional
- Encoder with microphone and pre-recorded messages
- Integration with Alertus server (GUI Interface)
- Detailed system diagnostics