



ACC-25/50 Series Emergency Voice Evacuation Systems

An emergency event can be confusing and disorienting for building occupants. It is further complicated when the occupants are in unfamiliar surroundings such as hotels or theatres. Although other devices such as horns and strobes provide a "warning", the loud sound of these devices can create anxiety and the purpose of the warning may not be immediately apparent to the occupants.

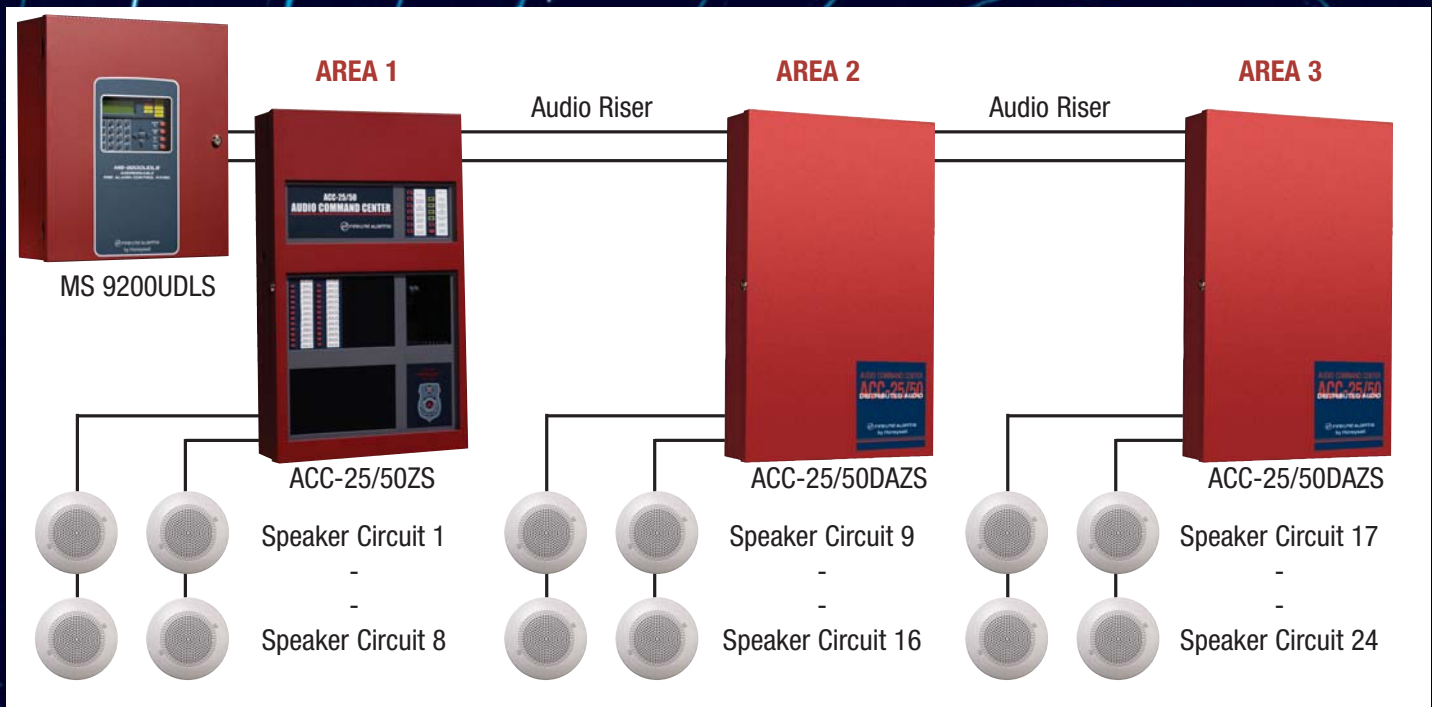
Integrated or stand-alone voice evacuation messaging systems are designed to provide building occupants with specific, authoritative, calming, and intelligible directions to guide them to safe exits during an emergency. For these reasons and more, they are now becoming a requirement in some jurisdictions for buildings having public assembly of 300 or more.

FireLite's ACC-25/50 Emergency Voice Evacuation Systems are state-of-the-art, digital, single- or dual-circuit units that provide the ultimate in safe, effective evacuation. The ACC-25/50 Series is designed to interface directly to addressable or conventional fire alarm control panels or act as a complete stand-alone unit.

Two models are available, the ACC-25/50 and ACC-25/50ZS. The ACC-25/50 provides up to two speaker circuits while the ACC-25/50ZS supports up to eight speaker circuits in one enclosure. Each panel provides the ability for users to record five field programmable messages (up to 60 seconds total message duration) either through an integral microphone or by connecting an external audio source.

The standard ACC-25/50 can be further expanded by the addition of up to twenty-nine (29) integrated ACC Distributed Audio panels. Fully expanded with distributed amplifiers, a system could deliver up to 1500 watts of audio power providing a very powerful system. The ACC-25/50ZS zone split model can also be expanded with two additional ACC-25/50DAZS units. Since each unit can split up to 50 watts of audio into 8 circuits, a total of 150 watts can be split into 24 different speaker circuits. All versions support either 25 volt or 70.7 volt speaker operation.

Automatic activation of either model is possible via five individual command input circuits (CMD) allowing connection to any fire alarm control panel. When connected to any of Fire-Lite panels equipped with an ACS communications port, the outputs can be automatically activated via software commands over the ACS serial communications link. When the MS-9600LS or MS-9200UDLS is used, software commands can be used to select and control messages over the four-wire ACS link.



Non-fire, emergency messages can be added to the system and activated manually to alert building occupants of conditions such as weather events (hurricanes, tornados, earthquakes, etc.), chemical spills and medical alerts. Pre-recorded custom messages and different alert tones are also available for download from www.firelite.com.

With permission of the Local Authority Having Jurisdiction, either system can be used to play background music from any sourced input such as a tape or DVD player as well as provide auxiliary paging for any purpose.

The system is designed for the reliability demanded by life safety and includes redundant circuits. If the message generator fails, the system automatically reverts to the dipswitch selected tone generator. If the selected tone generator fails, one of three remaining tone generators will activate. Power is fed independently to each amplifier so that a short circuit in one amplifier will not shut down the other and if the system is in a low battery condition, full output power of 25 watts per amplifier is generated. Power will not be diminished when the optional 70 VRMS transformer module is installed. Audio is amplified utilizing modern integrated circuits with very low signal distortion as opposed to transformer technology found in competitive products. The result is crystal clear audio.

Compatible Applications

- Small to medium facilities including:
 - Banks
 - Cinemas
 - Department Stores
 - Food Stores
 - Restaurants
 - Religious Facilities
 - Schools (Elementary, Middle, and High Schools)
 - Strip Malls
 - Small Retail Outlet Stores
- Low-Rise Buildings
 - Dormitories
 - Small Motels
 - Small Hotels
 - Extended Stay Facilities
- Commercial buildings including:
 - Light Manufacturing
 - Warehousing
 - Telecommunication Systems
 - Corporate Headquarters
- Healthcare including:
 - Smaller Hospitals and Clinics
 - Nursing Homes
 - Retirement or Assisted Living Facilities

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