



GAI-TRONICS®
A Hubbell Company

Addressable Amplified Speaker

Models: 13353, 13363 & 13373

ADDRESSABLE AMPLIFIED SPEAKER

Features

- **Built-in Amplifier for Public Address Applications**
- **83 - 116 dB SPL Output at each Speaker**
- **Radio Control (UHF/VHF) and 600-Ohm Input Models**
- **Addressable (individual, zoned, all-page) via DTMF or 2-Tone**
- **Automatic Volume Level Control**
- **Remote DTMF Volume Control**
- **Addressable Output Control**
- **12VDC Input Power (120 VAC Power Supply Included)**
- **Battery Back-up Option w/ Low Battery Alert**
- **External Long-Life Battery Option**
- **Solar Panel Power Option**
- **Weatherproof Power Supply Option**
- **Surface or Pole Mounting**
- **Rainproof Rating**
- **Power Saver Feature**
- **PC Programmable**

Applications

- Mass Notification
- Warehouse/Factory, Indoor/Outdoor, Offices
- Public Gatherings (parades, carnivals, sporting events)
- Construction Sites, Entry Gates
- Amusement Parks, Golf Courses, Ski Resorts
- Security and Public Safety
- Temporary or Permanent Public Address Installations

GAI-Tronics' **Addressable Amplified Speakers** provide superior performance for any permanent or temporary public address application. Each speaker is completely self-contained and needs nothing more than 12 Vdc power and an input signal to provide an extremely intelligible audio output of up to 116dB SPL. Eliminating the need for a central audio power amplifier, as required in most public address systems, increases system reliability by removing a single point of failure.

***PATENTED
RF DESIGN**



Models **13363** and **13373** are *patented units that incorporate VHF and UHF radio receivers (respectively) to provide wireless, one-way broadcasting from a few feet to miles away (dependent upon terrain and the antenna system). These speakers can be added to any existing VHF (154-174 MHz) or UHF (450-470 MHz) radio system with minimal effort or cost. The need for routing signal cable is eliminated, greatly reducing installation costs. Local 12 Vdc or battery/solar power are all that is necessary to reliably broadcast from a portable, mobile, or base radio.

The Model **13353** (patent pending) will accept a hard-wired input from any 600 Ohm, 0 dBm source. Two telephone pairs are required for generic operation, and a single telephone pair is required for DTMF Selective operation. This configuration will provide one-way broadcasting utilizing existing telephone wiring (with local or solar power).

All models can be programmed for individual, group, or all-page access via DTMF or 2-Tone coding (up to 8 different addresses). A programmable output contact, rated at 100 mA, is available with each address. Each model can also be programmed for Automatic Volume Level Adjustment, permitting the speaker to automatically adjust its own volume based on the surrounding ambient noise. Each speaker can also provide a feed-through audio output and a low battery alert (if equipped with an optional battery back-up kit).

All field terminations are via terminal block and provisions for connecting a hard-wired, L-pad volume control are included. The Addressable Amplified Speaker is NEMA 3R equivalent and can be surface mounted or pole mounted.

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