



**Information Station Specialists, Inc.**

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To Whom It Concerns:

**Subject: ALERT AM Emergency Advisory Sole Source Info**

Information Station Specialists, Inc., (ISS) is the sole provider in the United States of the exclusive ALERT AM<sup>®</sup> Emergency Advisory Radio System. The ALERT AM system alone has the following features and allows the following capabilities:

1. Only ISS provides strictly radio system components manufactured in the United States.
2. Only ALERT AM features a NOAA All-Hazards receiver that is field programmable and upgradeable to remain current with changes in NOAA EAS/weather hazards. Only ALERT AM captures the most recent warning activation for replay by system operators. Only ALERT AM can change to new message patterns, when the National Oceanic and Atmospheric Association (NOAA) sends All-Hazards (weather and Emergency Alert System) warnings.
3. Only ALERT AM allows special broadcast messages to be aired automatically in conjunction with NOAA All-Hazards Specific-Area Message Encoding notifications, outdoor warning system activations or Emergency Operations Center control panel switches.
4. Only ALERT AM offers 3 hours of message recording time and has full control of the digital message player via push-to-talk style transceivers (not included) parallel to and with priority over phone control, using the same commands, protocols and voice prompts.
5. Only ALERT AM allows an operator to run the station by computer (Workstation Audio Control) while also retaining the ability to record messages and control station operations via telephone if AC power goes out.
6. Only the ALERT AM system synchronizes "repeater" stations (to create larger coverage areas) without relying on vulnerable dialed-up telephone links to distribute audio in times of emergency. Optional ALERT AM wireless audio links make synchronized audio connections for high reliability with no monthly operating charges; *i.e.*, do not rely on tele/cell phone lines during emergencies, preventing synchronized AM stations from becoming disconnected, broadcasting the wrong messages. Additionally, Wireless Audio Links operate on the same battery backup system as ALERT AM, so when power goes down, they stay up.
7. Only the ALERT AM's antenna is black in color to discourage ice build-up and is finished with a special UV-resistant architectural-anodization process to prevent color fading. When installed yards, ALERT AM requires only that a support pole be set. Not required are large, buried, copper-wire groundplane installation or chemical-emitting ground-pipe (hollow rods) burial. Only the ALERT AM Emergency Advisory Radio System can include a Vertical Profile Antenna System that does not require a groundplane. Major site disturbances such as surface trenching or drilling for the installation of deep ground rods is not required. The Vertical Profile Antenna System also means: 1) the antenna's cables and arrestors are inside the pole for safety and security; 2) theft of copper ground wire is impossible; 3) it is possible to move the system if required; and 4) the aluminum pole is attractive in conjunction with public buildings and may be painted as needed. The patented Vertical Profile Antenna System, additionally, when supporting hi-band AM antennas (1610-1700 kHz), is the only antenna support manufactured for Information Radio Stations that is compliant with EIA/TIA hurricane windspeed standards, which allow it to survive the winds and also to retain integrity in critical areas where failure could be catastrophic.
8. Only ALERT AM works in conjunction with solar-powered flashing advisory signs via communities' UHF/VHF Radio Systems to turn on/off beacons remotely. These signs are the key to notification of the community that an emergency message is being broadcast.
9. Only ALERT AM offers a battery backup system capable of keeping the station on the air for a full 4 days. The pack fully recharges in just 7 hours.
10. Only ISS systems employ nonproprietary designs. This means that, in the future, you may change components as needed without the requirement to return to ISS; *i.e.*, simple wiring diagrams are provided, so you can service equipment yourself, if you choose, or have a third party assist – all with full ISS support.
11. ISS electronic designs are nonproprietary and all equipment uses standard 19" rack-mount hardware for ease of substitution and service.
12. Only ISS transmitter frequencies are synthesized, not crystal controlled, allowing simple frequency changes in the future, if necessary.
13. Only ISS radio systems offer PC-based, network accessible radio station program control that includes the following. All required hardware; on-screen, drop and drag, message management system, allowing the operator an on-screen view of message rotation and status, the ability to record, edit, process and archive in a library a virtually unlimited number of broadcast messages; natural voice and two-voice text-to-speech capabilities; playlist scheduling by day, date and time, on-screen live broadcast control; network remote access software.
14. Additionally, only ISS offers technical assistance for the life of the (ALERT AM) product. ISS supports today radio stations that first went on the air in the 1980s. ISS' staff of engineers has more than 60 years of combined experience specifically in the kind of radio technology under which ALERT AM operates (FCC Rules, Part 90.242).

Please visit theRADIOsource.com to learn more about our company. Feel free to contact me personally, if you have questions.

Sincerely,

William Baker  
President