



ALERT AM

Emergency Advisory Radio System

AEL/SEL Category 04AP-09-ALRT

When it all goes down, ALERT AM stays up.

Hundreds of communities and DOTs across America operate ALERT AM Emergency Advisory Radio Stations to tell citizens what to do during travel and incidents that threaten life and property. No power? No internet? No problem. With ALERT AM, listeners receive up-to-the-minute reports and instructions across a 3-5-mile radius (25-75 square-mile area) with a level of detail that makes the broadcasts invaluable. During non-emergency times, officials use the stations to inform motorists of street repairs, traffic constraints, travel advisories, city history and visitor information. The below capabilities establish the ALERT AM system as a unique communication tool that produces effective public response and appreciation, 24/7.

Standard ALERT AM Package

- [Transmitter](#) type accepted with 20-year proven track record, synthesized frequency design for agile operation with full 5000 Hz bandwidth audio.
- Network-based broadcast message control interface with local controls and SD card backup in the event of network loss.
- Program mixer for live and multi-source live-feed integration and level management.
- [Voice-prompter-style digital recorder](#) with 3 hours of recording time, hundreds of playlists and 1,000-message capability. Includes live broadcast capability.
- National Weather Service EAS warnings automatically broadcast and reset.
- [Broadcast quality audio processor](#) for enhanced audio intelligibility.
- [Antenna / groundplane system.](#)
- Secure indoor cabinet, dual-door rack style.
- Uninterruptible power supply – 2 hours.
- Diagnostic metering and test equipment.
- Hardware, cables, power supplies and illustrated manuals.
- System engineering and planning.
- [Remote tech support for the life of the product.](#)

Options (to add at any time)

- Hybrid Package – providing USB / flash drive redundancy and multichannel program mixer for live mic / live feed operation.
- [Signal Measurement Radio Receiver](#) to verify FCC radio signal compliance regularly.
- Additional UPS time to keep the system on the air during power outages.
- Outdoor security cabinet for isolated settings. NEMA-3R grade, gasketed, with dual doors, aluminum frame and sheeting. Removable rack cage. Size: 66.5"H x 24.125"W x 33"D; 23" doors open 90°, front and back. 332 / 334 signal cabinet style. Dual internal locks and locking handles on dual doors. Fan / vent / filter, thermostatically controlled. AC power service panel and groundbus. Cabinet lights activate / deactivate with door opening / closure.
- [StreamCASTs](#) to broadcast messages to smartphones, tablets and laptops that boosts indoor and out-of-area listening.
- [Vertical Profile Antenna Support and Grounding System](#), an efficient hurricane-rated, ANSI / TIA-compliant antenna solution that saves space and installation time and is secure and attractive.
- GPS frequency stabilization that allows synch of multiple stations to effectively enlarge coverage.
- [Flashing ALERT Signs](#) to instruct motorists to tune to emergency stations when beacons flash.





See a listing of our Emergency Advisory Radio Stations across America at this link: theradiosource.com/resources/stations-alert.htm.

“In extreme situations when other communication systems have failed, we know AM radio is likely to stay in operation. It’s a small price to pay for community safety.”

...Kate Rusch, Estes Park, CO

Who Operates ALERT AM Systems

ALERT AM Systems may be used by governmental agencies emergency medical providers. Operators commonly include . . .

- **Municipalities** cities, counties, townships, boroughs, towns and villages, *e.g.*, departments of public safety, emergency management, public health and public information (PIO).
- **Other Government Agencies** federal and state): *e.g.*, departments of transportation (DOTs), bridge authorities, emergency management and public health departments.
- **Points of entry:** *e.g.*, airports, border protection, port authorities.
- **Universities and colleges.**

The Orlando, Florida, Emergency Operations Center has 4 ALERT AM stations with computer control, GPS frequency stabilization and Vertical Profile Antenna Systems.



Frequency and Licensing

The Federal Communications Commission grants licenses for ALERT AM systems to government entities on available AM frequencies on a first-come-first-served basis, secondary to full power broadcast stations. In 1991, the Commission opened to information radio stations all frequencies in the 530-1700 band, subject to separation requirements. Information Station Specialists can help identify the optimal frequency at your location and will apply for your station’s FCC license. Learn more on our Licensing and Frequency Services webpage at theRADIOsource.com.

ALERT AM security enclosures have a dual-door design making them accessible from the front or back. The indoor design has a windowed front door. The outdoor version is similarly accessible, weatherproofed, lighted and thermostatically controlled. Both designs are racked and lockable.



ALERT AM Message Control

The ALERT AM broadcast program can be managed on a network (LAN/WAN) with a local USB/flash drive backup control method. Program automation software is not required. A multi-channel program mixer is present so the live microphones and live feeds can be mixed in during emergencies or special events.

Message recording software comes with ALERT AM so you may pre-record messages files (mp3), keeping them for quick retrieval as emergency scenarios present themselves.

When the National Weather Service issues a warning, it broadcasts immediately, interrupting standard programming and automatically resetting. An audio processor is onboard to boost ALERT AM's audio intelligibility and receivable range.

Your message library can be stocked with pre-recorded emergency management messages prepared by our professional announcers. to illustrate what's possible within the system.

Antenna Styles

The two most common formats:

- **Yard Style:** ALERT AM may be installed at a building with the electronics securely indoors and the antenna pole mounted in the adjacent yard connected by an underground cable. This style is recommended because it is most economical and affords the greatest security for equipment. A 50' separation from buildings is recommended.
- **Isolated Style:** At remote locations where there is no building, a weatherproof cabinet containing the electronics is attached to the antenna support pole. The location must have electrical power and, if equipment is to be remotely controlled, telephone, two-way or network service.

If a yard- or isolated-style installation is not possible, custom installation on a building roof is possible in some instances. Lateral separation of the antenna from large, nearby objects by at least the height of the object is suggested to prevent signal degradation.

Information Station Specialists can provide documentation that radio frequency exposure from the ALERT AM antenna does not exceed FCC limits for safe operation.

Complete Package

As you would expect, Information Station Specialists provides a full menu of technical services to help you put and keep ALERT AM on the air. We will help plan and implement your station, including frequency and site selection, FCC licensing, installation, staff training and the FCC-required field survey and documentation. Even professionally recorded audio messages are available, so your broadcast is ready to put on the air as soon as the station is turned on. Best of all, each system comes with **Remote Technical Support** for the life of the station.

Alternative Systems: For extended range emergency advisory broadcasts, see [RadioSAFE Wide Area Emergency Broadcast Radio Systems](#), which offer coverage areas of 5 to 20+ miles radius. [The Information Station](#) is a lower cost alternative with many of the same messaging capabilities.



Purchase Methods

Grants

Many of the solutions we offer are eligible for FEMA grants. We have an Approved Equipment List (AEL) number prominently displayed on the title of this brochure to plug into grant requests.

Credit Cards

For purchases under \$2,000, you may use MasterCard and VISA credit cards for free. We pass along MasterCard's 2% surcharge and VISA's 3% surcharge if your purchase is over \$2,000. We do not accept Discover, American Express and other credit card payments at this time. If you prefer PayPal, let us know. We can send you a PayPal invoice.

Competitive Bids

For sole source procurement, we can supply documentation showing that our solutions are not offered by other providers. Though our products are exclusive, if you are unable to purchase them on a sole-source basis and must seek competitive bids, we can offer bid specifications to match your needs for you to use in Requests for Proposal (RFPs).

Purchase Orders

Purchases by governmental entities may be made by purchase order, agency order on letterhead, VISA/MC or simply by signing and returning our quote sheets. Standard terms are Net 30 days.

Rentals and Lease-to-Own Arrangements

If you only need a radio system for an event or an emergency or would like to test one, you may rent one of our [EventCAST](#) Radio Stations. Many of our systems can be purchased on a lease-to-own basis. Inquire.