



VoiceStar

Portable Information Radio Station

AEL/SEL Categories 03OE-03-SIGN & 04AP-09-ALRT
NIMS ESF #3 • GSA Approved

Communicates Critical Information Instantly

VoiceStar is a portable information radio station, ready to roll. This trailer-mounted unit can be configured as a stand-alone radio station with or without a full-sized changeable message sign.

Notify the public at highway construction zones, traffic incidents, safety and health emergencies and major events. Stations are often integrated into a system of several units to instantly update motorists at highway construction zones, traffic incidents and in health and safety emergencies.

Powered by a robust array of solar panels and large battery backup, VoiceStar stations can go anywhere, anytime. They are built to operate in isolated locations and may be programmed locally or remotely via cell modem. VoiceStar has 'quick startup' and can be broadcasting at a new location in fewer than 5 minutes.

After parking, the operator swings up the antenna, lays out the portable groundplane and flips on the power. Batteries are immediately online. If AC power is available, the operator has the option of plugging in and charging the system's batteries while operating. The solar array is aligned to allow positioning of the trailer in any roadway orientation.

VoiceStar's FlexPlane Pro Groundplane System offers a signal range to match that of fixed information radio stations: 3-5 miles – covering 25-75 square miles.

Two models are available – with or without a changeable message sign: The Model T300 features an information radio station with full-sized bright lensed LED changeable message sign (CMS) in a character matrix format that offers many message programming options – all on a towable trailer. Model T100 has an information radio station on towable trailer for clients who do not need CMSs. Both models include remote cellular programming and local onsite programming.

Every VoiceStar system arrives stocked with prerecorded external messages prepared by professional announcers. Model T300 units have a menu of standard sign text messages as well.

We manufacture VoiceStar in partnership with the American Signal Company and supply remote technical support for the life of the product.



Standard Package

VoiceStars are towable trailers with onboard radio stations. Model 300 includes a full-sized changeable message sign, as well. Both models include . . .

- Solar power with a large battery pack for long runtime unattended.
- Cellular gateway for remote programming.
- Transmitter that is type-accepted with 15-year proven track record, synthesized frequency design for agile operation with full 5000 Hz bandwidth audio.
- Network-based message control interfaces with local front-panel control redundancy and internal SD card.
- Antenna / groundplane system.
- Dual deck-mounted 19" rack cabinets house all electronics and controls.
- 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

- Frequency search and FCC licensing service.
- Single or dual transmitters and frequencies.
- Hybrid option for both USB and network-based audio control.
- Signal Measurement Radio Receiver that allows operators to measure the radio station's signal intensity periodically to verify compliance with FCC rules.
- Onsite training and certification.
- Professional recording services.



VoiceStar Model 100

Who operates VoiceStar systems?



Transportation Agencies: DOTs, turnpikes and bridges.

Local Governments: emergency management, law enforcement and public health agencies.

Industrial Plants: for HazMat impact on residents.

Military Bases.

National Parks.

Events: air shows, fairs, parades, conventions, golf tournaments and other sports events.

Frequencies and Licensing

VoiceStar Portable Information Radio Stations are licensed on frequencies 530 to 1700 kHz AM, secondary to standard AM broadcast stations. Via solar wireless communication, operators can program broadcast messages and the changeable sign display remotely. Range is 3-5 miles (25-75 square miles) across average terrain. The FCC's special "broad area" license (good for 10-years and renewable) affords operators a territory in which each VoiceStar may roam. Licenses can also specify a fixed operation point, if desired.

Broadcast Content

Information radio stations are permitted to broadcast content relating to public safety and travel, such as road conditions, weather, directions, emergency and other general interest topics to motorists. Broadcasts must be voice-only with no commercial content.