

Solar Max[®]

Portable Highway Advisory Radio

Overview

Solar Max is a portable Highway Advisory Radio (HAR) system that keeps traffic flowing by broadcasting up-to-the-minute radio advisories to motorists. The flexibility of Solar Max allows for quick set-up, and you can be "On the Air" in ten minutes or less. Solar power offers dependable service around the clock and during extended periods of inclement weather.

Solar Max utilizes low-power AM radio to inform motorists of conditions ahead, giving them enough time to take action or alternate routes. Solar Max can be used to assist in managing a construction site, a temporary incident, an inclement weather evacuation, or a frequently congested traffic area. With a radio message you can relay significantly more information than with a dynamic message sign. Messages can be changed quickly and remotely should conditions vary, and when the job is finished, simply move Solar Max to your next project.

Solar Max has the ability to save messages for years with no external power source. That means no fuel, no landline utilities, no noise, no maintenance and no lost messages. Even in outdoor storage, Solar Max is charging the batteries so you can be set up and on the air in minutes.

Benefits

- ▶ AM radio is standard in nearly all vehicles
- ▶ Allows you to inform the public 24/7
- ▶ Mobile - use the system when and where you need it
- ▶ Easy to operate
- ▶ Quickly deploy one or more sites

Applications

- ▶ Severe weather notifications
- ▶ Local road conditions, closures or delays
- ▶ Emergency evacuations
- ▶ Temporary lane closures for maintenance or construction
- ▶ Incident management
- ▶ Local events such as parades, festivals or tourist attractions
- ▶ Homeland security
- ▶ Military or defense applications



Features

- ▶ Simple and quick to assemble, deploy and disassemble
- ▶ Broadcasts messages to motorists in a three to five mile radius
- ▶ Robust design, including built-in lightning suppression
- ▶ Meets all FCC rules and regulations
- ▶ Weather-resistant and theft-deterrent enclosures
- ▶ Portable ground system
- ▶ On-board digital recorder preserves audio messages with no external power source
- ▶ Solar powered
- ▶ Power is stored in high-performance batteries
- ▶ Can be integrated with variable or portable message signs



Key Specifications

Power	120 watt solar panels 200 amp batteries
HAR Access/Control	Local handset or remote control from any touch tone phone
Digital Recorder Player	80 minutes of messaging memory
Transmitter	10 watt transmitter Approved FCC part 90.242 Adjustable power output Receives GPS input for synchronization
Gross Weight of Trailer	1400 to 1600 pounds (635 to 726 kilograms)
Environmental Temperature	-40°F to +185°F (-40°C to +85°C)
Dimensions	6 feet x 14 feet (including tongue) (1.8 meters x 4.3 meters)



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