

# Vaisala HIS Advisory Radio & Portable Message Sign HAC100



## Overview

Vaisala HIS Advisory Radio & Portable Message Sign HAC100 is a system consisting of a changeable message sign and a portable Highway Advisory Radio (HAR). The message sign and HAR are combined on a single, solar-powered trailer. HAC100 provides text messages displayed on the changeable message sign, and audio messages broadcast in a two to five mile radius from a low-power AM radio. The portable system provides

a quick solution for informing motorists of traffic conditions ahead, emergency information, or local events.

HAC100 utilizes solar power, which delivers dependable service around the clock and during extended periods of inclement weather. Messages can be changed quickly and remotely should conditions vary, and the station can be set-up and on the air in minutes for use during critical situations.

## Benefits

- AM radio is standard in nearly all vehicles
- Allows you to inform the public 24/7
- Easy to operate
- Quick set-up
- Portable and reliable
- Solar powered

## Features

- Simple and quick to assemble, deploy and disassemble
- Robust design, including built-in lightning suppression
- Meets all FCC rules and regulations
- Weather-resistant and theft-deterrent enclosures
- 5-year warranty
- Portable ground system
- Messages can be changed remotely by computer
- On-board digital recorder preserves audio messages with no external power source
- Power is stored in high-performance batteries
- NTCIP compliant

# Technical data

## Power

330 to 450 watt solar panel array

## Batteries

Eight 12-volt DC 4-D

## HAR Access/Control

Local handset, remote control from any touch-tone phone, or by computer

## Digital Recorder Player

GPS audio synchronization

## Transmitters

FCC type accepted

## Enclosure

NEMA 3R Weatherproof Enclosure

Note: Specially shielded to protect from RF interference

## 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 and defense applications

**VAISALA**

For more information, visit  
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