

Solutions that
save lives.

SEV siren line

Designed to handle emergency and high-risk situations with fast and efficient communication.



HIGH-POWER ELECTRONIC SIRENS – SEV LINE

Squitter's SEV line of high-power sirens was designed to meet the demands of various critical applications. Combining robustness, communication and power redundancy to withstand harsh weather conditions and ensure the high availability necessary for the efficient operation of an alert and alarm system, the SEV line is a high-quality product from Squitter, a company with over 25 years of experience in risk management.



Highlights

- Ethernet (wired/wireless), VHF or UHF radio, GSM modem, satellite, fiber optic connectivity
- Up to three redundant connections
- Remote or local activation (emergency button with key)
- Up to 50 pre-recorded messages
- Remote live voice (depends on the connection in use)
- Self-diagnostic routines
- Silent test
- Internal temperature and humidity monitoring
- Remote access for maintenance and updates
- High-intensity strobe LED

Features

Developed for deployment in long-range alert and alarm systems, the sirens from Squitter SEV line deliver enough acoustic power to cover several square kilometers per site and are designed to operate in network mode, withstanding remote activation, either individually or in groups. SEV sirens are the ideal choice for disseminating sound messages in communities, neighborhoods, high-risk areas, and remote sites.

In applications where the SEV siren has internet access, it is possible to establish a secure connection and remotely configure operating parameters, update embedded software, test and monitor devices.



In addition to all the features for activation, broadcasting pre-recorded and live messages, SEV sirens have advanced monitoring and diagnostic capabilities that allow remote verification of the operation of siren modules, allowing predictive maintenance.

The SEV siren's high-performance computing module with a quad-core ARM processor supports execution of high-level control routines and handles multiple connections with various communication equipment, such as VHF/UHF radios, GSM modems, broadband, and wireless networks.

Remote management of the SEV Squitter siren network is done via the SEV-ALERT software or the activation console, with simple and intuitive controls, ideal for situations where quick action is crucial.



Dimensions and Weight

- Electronic cabinet:
64 cm (W), 36 cm (D), 63 cm (H), 49 kg
- Speakers:
One 490mm (D) x 540mm (W) speaker
per 400W, 20 kg

TECHNICAL SPECIFICATIONS

Output Power

400W to 3200W RMS

Amplifiers

400W, 2 channels, Class D

Processor:

Quad-core ARM 1.8 GHz, gigabit ethernet, USB ports.

Range (1600W):

1,700m (unobstructed propagation, 70dB at range limit)

Diagnostic Functions

- Silent test
- Amplifier current measurement
- Electrical phase presence detection
- Battery voltage measurement
- Internal humidity and temperature measurement.

External Sensors (optional)

Tipping bucket rain gauge

Case

Aluminum or stainless steel, IP56 protection rating (IP65 option)

Autonomy

72h standby, followed by 30min at maximum power.

Power Supply:

Solar panel and 85-240 VAC (redundant)