



Siren-Operated Sensors

SOS - Fire/Police/EMS responders, open gates with siren's yelp in 3 seconds, hands free.

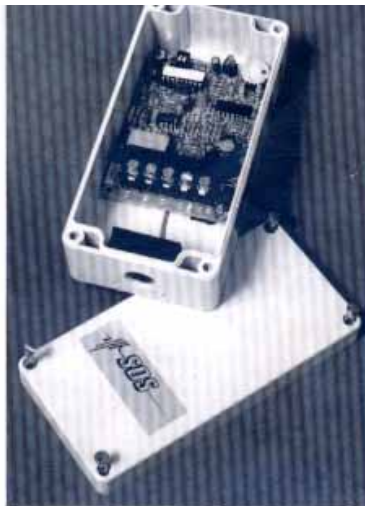
Mandate that your gates and communities be uniformly 911 "RESPONDABLE".

Fire marshals are asking installers to use this life and time saving device. It will open any manufacturer's gate "hands-free". The siren of the fire truck or other emergency vehicle is all that is needed to signal this unique SOS unit. It is the owner's obligation to provide access for emergency equipment, it must be periodically tested and confirmed operational.

Thousands of SOS units are in use. We have not heard of a single instance of unauthorized entry. Only a few locations needed the vehicle presence detector to arm the SOS. You can lower the sensitivity enough to require the vehicle to be reasonably close to the gate.

The SOS is designed for non-directional use at gated compounds. Audio range: ten to one hundred feet (dial adjustable). These units are mounted in an all weather enclosure (3x6x2 inches). Special discounts for dealers and multiple orders. Full instructions are sent with the SOS, including an all weather "FIRE, EMS, POLICE, hold sirens' YELP for SOS entry" decal to place at the controlled site. A demo "yelp" tape is also sent with all orders.

The SOS is compatible with all gate operators.



Technical Specs

Basic Concept

The Siren-Operated Sensor (SOS) is designed to respond swiftly to the "YELP" mode of all standard sirens. A reminder decal is provided to be placed on each entry gate. Responders already own their siren. This device represents Public Safety without spending Public Funds. At this writing (2001), the SOS is the nation's most widely used Uniform Emergency Gate Access.

Installation and Testing

Since all gate operators use 12 to 24 Volts AC or DC for their electronic controls, this source can easily be used to power the mini requirements of the SOS. A demonstration "YELP" audio tape is provided, along with instructions, with each SOS sold.

Technical Specifications

The Frequency response of the Siren-Operated Sensor is from 200 Hz to 10 KHz. The SOS relies on a time-varying frequency input in this range. This, plus proprietary techniques, allows the microprocessor to respond to the siren's "YELP" with a dry relay closure in 2.5 seconds.

- The SOS uses an omnidirectional microphone. Alignment is not necessary.
- Range of the SOS is adjustable - 5 to 50 feet or more. A potentiometer located on the PC board provides this adjustability. The SOS is not affected by ambient light.
- The PC board is mounted in a 3.2" x 6.5" x 3.2" rain-tight enclosure.
- Weight is approximately 10 ounces.
- The power requirements are 12/24 Volts AC/DC with approximately 2.5 mA draw. Momentary relay activation or switchable to a 10-minute hold.

Warranty

The SOS has a five-year warranty when installed according to the manufacturer's specifications.

