

124 Springville Road, Unit 3, Hampton Bays, New York 11946

# The MGO Series

## Marine Security System

### Overview



MG01C



MGR



MG02C



MGR-GPS

The **MGO Series Boat Alarm** is a basic, compact security system designed specifically for the protection of smaller boats. It is also ideal for specialty craft of various types such as cars, RV's and aircraft. Each system is hand-assembled in the USA. The main control is housed in a NEMA III enclosure, encapsulated for environmental protection, and installed by simple screw terminal connections.

The MGO is designed to utilize the Pulsor Deck Sensor as the main means of intrusion detection. The sensor is invisible and detects intruders before they can cause damage. Deck sensors are not affected by sunlight, rocking of the vessel, shock, vibration, or wildlife. They respond only to the flexing of the deck from a person walking.

There is one circuit for deck sensors and a second security circuit for Normally open hatch contacts. Security devices will immediately trigger an armed system. Alarm condition will last for two minutes. During this time, the siren will sound and the 12-volt lights will activate. After two minutes, the system will reset and wait for another violation.

The system also has an input for bilge (high water) sensors. This circuit is a 24 hour zone and will activate whether the system is armed or not.

Arming and disarming is accomplished by a wireless key chain transmitter. There are outputs available for the addition of cellular monitoring equipment.

### Specifications

- \* Dimensions: 3" L x 2" W x  $\frac{9}{16}$ " H
- \* Power Requirement: 12 VDC
- \* Current consumption: 30 mA
- \* Output: Siren NO Relay 12VDC @ 8A  
Lights NO Relay 12VDC @ 8A
- \* Operating Temp.: -55 to +85 Celcius
- \* Dimensions:  
(Including hinges & flange)  
6" W x 8.5" L x 3.5" H

Part#	Product Description
MG01C	<b>MarineGuard 01 Complete Boat Alarm</b> - Control unit in NEMA 3 box, Large 4" x 6" white siren, <b>2 Deck sensors (DSE2)</b> , LED, 2 wireless keychain transmitters, Wireless receiver.
MG02C	<b>MarineGuard 02 Complete Boat Alarm</b> - Control unit in NEMA 3 box, Large 4" x 6" white siren, <b>2 Wireless Contacts</b> , LED, 2 wireless keychain transmitters, Wireless receiver.

Part#	Monitoring Solutions
MGR	MarineGuard Cellular Radio (Non GPS) with whip antenna
MGR-GPS	MarineGuard Cellular Radio (GPS)