

# WOODSTAR ENERGY

## 513 alert



### *513 Alert Auto Dialer Info:*

#### **Functions:**

- Play a single 20 second pre-recorded message when alarm goes off.
- Call 5 phone numbers up to 5 times
- Sounds a siren built into the auto dialer for an audible alert
- 9 volt battery back up with Low Battery Indicator
- Low Battery Indicator for Sensors

#### **Wireless Zones:**

- Zones 1-8: Can learn 1 sensor per zone
- Zone 9: Can learn up to 8 sensors
- Zone REMOTE: Can learn 8 remote controllers

#### **Wired Zones:**

- Terminals: DC, SIREN, GND, TRIG1, TRIG2, TRIG3
- DC: VCC Output (max. 9V/ 150mA)
- SIREN: Output to a Siren (30sec on, 30sec off, 30sec on max. 9V/ 150mA)
- TRIG1: external trigger input, magnetic sensor (normally close, this is why has jumper)
- TRIG2: external trigger input, N.O. or N.C. (3~12V, >= 500ms)
- TRIG3: external trigger input, N.O. or N.C. (3~12V, >= 500ms)
- There is no Zone Indication for Wired Devices just sounds alarm/ dialer.

#### **Wireless Sensors:**

- 433 MHz Rolling Code

#### **Contents of Auto Dialer and Sump Pump Sensor**

- Auto Dialer
- Sump Pump Sensor
- AC Power Cord Auto Dialer
- 2 9 Volt Batteries
- Installation Manual
- Mounting Hardware

### Usage Considerations:

Generally a homeowner has an existing sump pump and would like to monitor if water gets to high. This is a pretty typical scenario that would involve installing a wireless transmitter/sensor and an auto dialer. When water gets reaches a certain level indicating that the pump is no longer working; up to 5 phone numbers up to 5 times can be dialed playing a 20 second pre-recorded message. Phone call is placed over a PSTN (landline) which is not effected by power outages. In addition, the wireless transmitter/sensor is operated on a 9 volt battery that can last a few years and will also trigger an alert on the auto dialer when low. The auto dialer operates off AC power and is backed up by a 9 volt battery which can power the unit for about 24 hours. The auto dialer has a low battery indicator for this battery.

The system can have up to 16 wireless transmitter/sensors hooked up to it in 9 different zones. These can be water float sensors, water contact sensors and window/door sensors. It is not 513 Alert's recommendation to hook up window/door sensors with this auto dialer as there is only 1 pre-recorded message that can be played. However, multiple water sensors can be utilized with a few considerations. When a sensors is tripped an audible alert is sounded from the auto dialer (this can be disabled) and the phone calls are placed. Since there is just one 1 pre-recorded message a little logic needs to be used when designing.

The scenario of monitoring a sump pump would be most typical and this system was created to fit this specific need. Other water related devices that one may want to monitor could be an injector pump, washing machine, dish washer, water heater or bath tub. All of these can be monitored. However, when the alarm is tripped only one pre-recorded message can be played. On the LCD screen of the auto dialer it will show which zone tripped the system. So if someone is home as is generally the case with the washing machine, dish washer and usually the injector pump, they can visually see which device has failed and respond. When away from the home they will just know that there is an issue relating to water however most of these need immediate attention anyways.

The last issue to keep in mind is that this must plug into a PSTN (landline). If the home owner does not have a landline in their home and only use cell phones we do have solutions available for them, please contact us.