



**Insert Batteries**

- **Handheld**
  - Turn out the three recessed screws in the back of the Handheld.
  - Insert 2 AAA batteries as noted in battery holder
  - Carefully align circuit board back into case and ensure the gasket is properly placed to ensure a good seal.
  - Replace screws. Do not over tighten.
- **Sensor**
  - Unscrew the three clear, ribbed captive thumbscrews located on the top side of the Sensor
  - Insert 2 AA batteries as noted in battery holder.
  - Confirm configuration switch settings.
  - Slide the power switch located on end of the batteries to the ON position and pair with the Handheld. Power cycle must occur after dip switch changes.
  - Tighten the captive thumbscrews properly to ensure the gasket is properly sealed.

**Power Up/Down**

- **Handheld**
  - Press and hold buttons 1 & 2 at same time for 5 seconds until the buzzer beeps 3 times to turn the Handheld OFF
  - To verify that the Handheld is off, verify that the button LEDs no longer light when pressed.
  - To turn the Handheld back on, press and hold buttons 1 & 2 until all 6 button LEDs briefly light up.
- **Sensor (OFF STATE)**
  - Open Sensor and slide the power switch to the OFF position.
  - Open Sensor and slide the power switch back to the ON position when ready to use
- **Sensor (LOW POWER STATE)**
  - Press and hold buttons 5 & 6 on the Handheld at the same time for 5 seconds until the buzzer starts a repetitive beep every 3 seconds. This indicates the Handheld is in the special Sensor shut down mode (Valid only for firmware version 3.0 and later). See label on battery holders.
  - Put the Sensor in alarm mode. Sensor must be in alarm to put Sensor into the special shut down mode.

- Do a normal poll to the Sensor in alarm in this special mode to put it into its low power state. Repeat for all Sensors when done for the day.
- Press and hold buttons 5 & 6 again on the Handheld to leave this shut down mode or turn the Handheld off via the normal shut down mode.
- To wake the Sensor from this low power mode simply replace the magnet to re-arm the Sensor.

**Configuration Dip Switches**

- **Configure the Sensor for the desired mode of operation**
  - Poll Mode ON – 2 way communications (decreased battery life – 5 weeks)
  - POLL Mode OFF – 1 way communications (increased battery life – 6 months)
  - MAGNET ON – enables magnet alarms
  - MAGNET OFF – magnet alarms disabled
  - MOTION ON – enables motion alarms \* **Must be Motion enabled model.**
  - MAGNET ON AND MOTION ON - enables both magnet and motion alarms \* **Magnet must be on for Motion alarms**
  - MOTION OFF –motion alarms disabled
  - RED LED ON – enables high powered LED on alarms
  - RED LED OFF – disables high powered RED LED on alarms.

**Pairing**

- Ensure Handheld and Sensor are powered and within 10 feet or less of each other.
- Press the Erase button on the Sensor – Power LED will flash 5 times indicating that the stored pairing has been erased.
- Press and Hold the Pair button on the Sensor for 3 seconds. POWER LED on Sensor will go solid green.
- Handheld in range should start chirping when it hears the pair request.
- Press the button on the Handheld that you want associated with the Sensor.
- Confirm pairing was successful
  - If POLL MODE is enabled, poll the Sensor and confirm it receives a poll (SENSOR WHITE LED

flashes) and Handheld receives response (flash green button LED)

- If POLL MODE is disabled cause an alarm by removing the magnet on the Sensor and confirm alarm is sent and received by the Handheld
- **NOTE:** Pairings from a Sensor to Handheld are stored in memory and maintained through power cycles so you don't need to re-pair between uses.

### Polling a Sensor

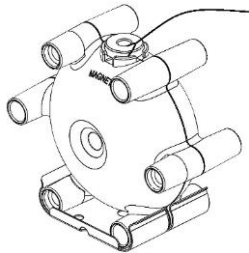
- Upon pairing a Sensor with a Handheld and proper configuring of POLL MODE switch on the Sensor simply press the button on the Handheld for 1 second and release.
- The Sensor will flash its white LED indicating it received the poll and send a response back to the Handheld which is indicated by a short flash on the button's green LED.
- **NOTE:** This is an important feature to ensure you are still in range of the Sensor and allows for periodically checking the status of Sensors to ensure you don't miss alarms.
- **NOTE:** Sensors must be configured with POLL MODE enabled in order for it to respond to polls.

### Enable/Disable Flashlight mode on Sensor

- You can turn on the white flashlight on any Sensor with poll mode enabled.
- For 5 seconds, hold the button associated with the Sensor you want to turn the flashlight on. (Handheld will confirm light turned on by beeping Handheld on Firmware Version 5.0 or later of the Handheld). To turn off the Flashlight, perform a poll to the Sensor from the Handheld by pressing the same button for 1 second.

### Magnet Alarms

- Confirm that the Sensor has MAGNET MODE enabled.
- Tie the appropriate length of trigger line to the magnet. Tie other end to tip up flag, trap, trap door, shed door, etc.
- Place magnet in designated location on the Sensor and confirm green POWER LED flashes 10 times which indicates it is armed and ready to detect alarms



- Alarms are sent to Handheld upon removal of the magnet
- Alarm is cleared on the Handheld by pressing the button of the Sensor that is alarming for 1 second
- Sensor will clear the alarm once the message is received by the Handheld and the magnet is replaced on the Sensor.

### Motion Alarms

- Confirm that the Sensor has MOTION MODE enabled.

- Position the Motion Sensor eye in the desired direction. The motion eye is the black dot in the center of the camo side of the Sensor.
- Motion alarms are automatically cleared on their own, the Sensor will flash the red alarm LED a limited number of times and the Handheld will cease to indicate the alarm after a series of 3 beeps.

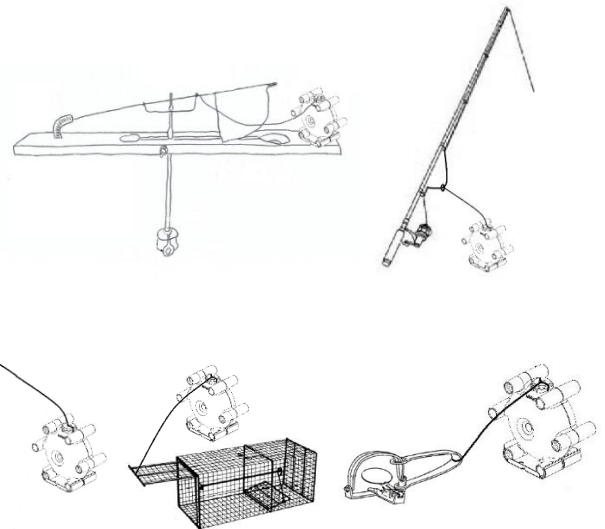
### Low Battery Alarms

- Upon polling a Sensor the Handheld checks its battery voltage. At the same time a Sensor also checks its voltage upon receiving the poll.
  - If batteries are low on the Handheld, the Handheld will turn on all six button LED's and annunciate the buzzer for 3 seconds.
  - If batteries on the Sensor just polled are low it will only light that LED and do a 3 second annunciation of the buzzer. Each Sensor must be individually polled to check its battery status.

**NOTE:** Unit was designed to have several hours of additional operation but it's time to change soon.

### Applications

(See the Applications section on [www.vulturesystems.com](http://www.vulturesystems.com) for more detailed information.



### FCC / Industry Canada

This device complies with Part 15 of the FCC Rules and Industry Canada License-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

VS1000 (Handheld)  
FCCID: 2AFRS-VS1000  
IC: 21467-VS1000

VS2000 (Sensor)  
FCC ID: 2AFRS-VS2000  
IC: 21467-VS2000