



## QR Code for App & Connect Handheld



### Revo

### Quick Start Guide

#### 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 seated to ensure a good seal.
  - Replace screws. Do not over tighten.
- Revo
  - Slide off the clip that holds both halves together and remove the Revo cover.



- Remove Revo by doing a half turn to remove from the Revo holder.
- Insert 1 AAA batteries as noted on the circuit board. Ensure battery is seated down properly.
- Seat cover and bottom back together properly.
- Slide clip back on and ensure both slides are engaged properly.
- **Note:** The clip can go on both ways but for proper engagement match the locking clips on the Revo to the clip.
- **Note:** It is highly recommended to use batteries such as **Energizer Lithium**, Energizer, or Duracell.

#### Power Up/Down

- Handheld
  - Press and hold buttons 1 & 2 at same the 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.
- Revo
  - Press and hold the PWR button for 3 seconds. Red LED will turn on and fade off. Revo is now off.

- To verify the Revo is off press the Reset button and confirm no LEDs turn on.
- To turn the Revo back on once again hold the PWR button for 3 seconds. Green LED will turn on indicating it is powered back up.

#### Alarm Color Configuration

- Press and hold the RESET/LED button down for 3 seconds.
- While the button is held down the LEDs will sequence through color options.
- Release the button when you find the color you prefer.
- **Note:** Color Sequence is red, green, blue, yellow, orange, purple, pink, and LED disabled. This sequence will repeat if you continue to hold down the button.

#### Pairing

- Ensure Handheld and Revo are powered and within 10 feet or less of each other.
- Quickly press the Power/Pair on the Revo 3 times within 2 seconds.
- Handheld in range should start chirping when it hears the pair request.
- Press the button on the Handheld that you want associated with the Revo.
- Confirm pairing was successful by sending a Magnet Alarm.
- **NOTE:** Pairings from a Revo to Handheld are stored in memory and maintained through power cycles so you don't need to re-pair between uses.

#### Polling a Revo

- Upon pairing a Revo with a Handheld and ensuring the Revo is configured for 2-way mode, press the button on the Handheld for 1 second and release.
- The Revo 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 Revo and allows for periodically checking the status of sensors to ensure you don't miss alarms.
- **NOTE:** Revo must be configured with 2-Way MODE enabled in order for it to respond to polls.

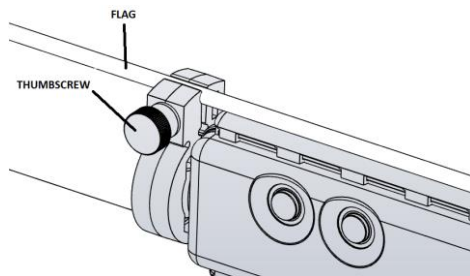
### Enable/Disable Flashlight mode on Revo

**Note:** We do not recommend using Flashlight mode for extended periods of time for Revo due to the power draw and single AAA battery.

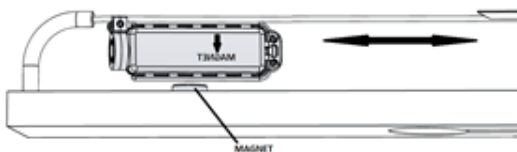
- You can turn on the white flashlight on any Revo if 2-Way Mode is enabled.
- For 5 seconds, hold the button associated with the Revo you want to turn the flashlight on. The Connect Handheld will confirm light turned on by beeping.
- To turn off the Flashlight, perform a poll to the Revo from the Handheld by pressing the same button for 1 second.

### Magnet Alarms

- Revo Flag Configuration: Loosen up the thumbscrew on the Revo holder.



- Place the Revo at the desired height on the flag based on the strength of the flag. Test several times before permanently mounting. Tighten the thumbscrew on the holder.
- Lower the Revo mounted on the flag and position the magnet in designated location on the tip up. **Important: Keep magnet at least 0.5 inches from the Revo.**
- Confirm green POWER LED flashes 3 times which indicates it is armed and ready to detect alarms. Secure the magnet to the tip up with VHB tape provided. Confirm location before applying at tape will not be easily removed.

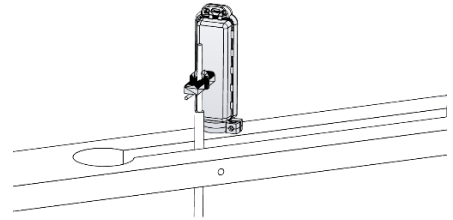


- Alarms are sent to Handheld upon removal of the magnet or movement away from the magnet (tip up flag)
- Alarm is cleared on the Handheld by pressing the button of the Revo that is alarming for 1 second
- Revo will clear the alarm once the Reset button is pressed on the Revo. Revo is now ready to be re-armed.

### Spin Alarms

- Place the T-Bar Magnet on the T-bar. Place plastic cap over tip of T-Bar if needed to hold T-Bar Magnet in place. Heat shrink tube or tape also works for this.
- Position the Revo in the Revo holder in proximity of the T-Bar Magnet or other spinning magnet. Confirm proper placement before permanently mounting with screw or VHB tape.

- Adjust the height of the magnet to the Revo if needed or the height of the Revo itself. Optimum height is such that the magnet is in line with slightly above midpoint of Revo. Note the orientation arrow (on back of Revo) stating the direction that the magnet needs to be with respect to the Revo.



- Spin alarms are automatically cleared on their own and Revo remains in alarm until the Reset button is pressed once.

### Low Battery Alarms

- Revo 2-way mode: Upon polling a Revo, the Handheld checks its battery voltage. At the same time a Revo also checks its battery upon receiving the poll.
  - If batteries are low on the Handheld, the Handheld will turn on all six button LED's and sound the buzzer for 3 seconds.
  - If batteries on the Revo just polled are low, the Handheld will only light that LED and do a 3 second sound on the buzzer.
- Revo 1-way mode: If using a Revo in transmit only mode the Revo will send out a low battery message once detected.
  - If batteries are low, the Handheld will only light that LED corresponding to the Revo with a low battery and do a 3 second sound on the buzzer.
- Note: Revo periodically checks the battery (every 30 minutes) and will also send an alarm when it senses a low battery. The Handheld will only light that LED and do a 3 second sound on the buzzer.

**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. Note: Ensure you are following all local regulations in terms of using this product.

### 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 (Connect Handheld)  
FCCID: 2AAQS-ISP4520US  
IC: 11306A-ISP4520US

VS5000 (Revo)  
FCCID: 2AAQS-ISP4520US  
IC: 11306A-ISP4520US