

# SUPERCELL™ Model SC50 User's Information

## Operation



## General Operating Information

The SC50 is shipped **without batteries installed** to preserve battery life. Before attempting use, install batteries as per battery replacement information.

The SuperCell Model SC50 is a small personal emergency alarm transmitter. The SC50 may be worn on a belt or discretely carried as a personal emergency alarm. The SC50 may also identify fixed locations by being permanently mounted.

### Transmit Emergency Call for Help Signal

Once batteries are installed, the SC50 is in the **standby mode** ready to transmit the silent Emergency Alarm radio signal. Pressing the Alarm Button, located on top of SC50 transmits the emergency alarm radio signal. Once the alarm is activated, the SC50 **continually** transmits an emergency alarm radio signal until reset. To **stop transmitting the alarm signal and reset the SC50 to standby mode**, press both side buttons simultaneously.

### SC50 Status Indicators

#### Green LED Operational Indicator

In the standby mode the SC50 LED status indicator, located on the right top of the unit, will flash GREEN once per minute. This indicates the SC50 is operational with sufficient battery power for normal operation. In the standby mode, with good battery power, the SC50 transmits a polling signal every 60 seconds.

#### Red LED Alarm Indicator

When the alarm button is pressed, the SC50 **continually** transmits an emergency signal until reset. The **GREEN** standby LED indicator is replaced with a constant rapid flashing **RED** LED. The SC50 will continue transmitting

and the **RED** LED will rapidly flash until the unit is reset. To stop transmitting the alarm signal and reset the SC50 to standby mode, press both side buttons simultaneously. When the SC50 is reset to standby, the **RED** LED alarm indicator will cease and the **GREEN** LED standby indicator will flash once per minute.

#### Red LED Low Battery Indicator

When the battery power is diminished to where operational performance will begin to decline, the **GREEN** LED status indicator will change to **RED** and will flash once every five seconds. The **RED** LED status indicator signifies that batteries should be changed. In the standby mode, with diminished battery power, the SC50 no longer transmits the polling signal. If an LCD Command Base is part of the system, a NO Signal indicator will appear signifying a low battery condition for the specific SC50.

#### Use of SC50

The SC50 may be worn on a belt or discretely carried as a personal emergency alarm. Each SC50 has a unique ID number that will indicate the specific unit in alarm. SC50s may also identify fixed locations by being permanently mounted and housed in a TD-Box (tamper deterrent box). When the alarm button is pressed on a SC50 mounted in a TD-Box the alarm signal identifies the SC50 ID number which indicates the location where the alarm originated.

The SC50 is easily attached to belts, uniforms or clothing for ease of use. The following is a list of methods of attachment and mounting.



- Slip Clip – easy on and off of belt
- Captivating belt clip – Secured to belt
- Grip Clip and D ring – Secured to belt or garment but removable,  
– More aggressive attachment that may damage fabric
- Permanently mounted in a security box (TD-B0x) for identification of alarm location

Note: The SC50 Slip Clip is standard. At the the time of ordering, other clip options must be specified.

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The SuperCell model SC50 Emergency Alarm is shown in a fixed mount, locked, tamper deterrent enclosure (TD-Box).



Single Button  
Emergency Alarm  
Activation.



The bottom view of the Fixed Mount TD-Box shows the added security of a locked enclosure. Only authorized personnel with a key can open and reset the SuperCell™ to standby mode.



### ◀ Programming SuperCell Model SC50

SC50 are usually programmed at the Factory and do not require reprogramming unless desired by the end user. SC50 may be programmed with an IRP50 programmer and any type of GEMS Base (GEMS Multi channels, LCD50, T3 LCD, SM1000 and SM2000).

Refer to programming section of Manual for detailed information. The SC50 programs in a similar manner to T PASS II and PA1000 but uses the IRP50 in place of the programming key. The IRP50 must be turned ON for programming.

### Battery Replacement



Remove the screw located at the bottom of unit. Slide electronics tray out of case to reveal and replace the batteries. Observe proper battery polarity while installing new batteries. **Always Test** the SC50 for proper operation after battery replacement.

#### SUPERCELL™ SC50 SPECIFICATIONS & FEATURES

SC50 Case Approximate Dimensions - 2-7/8" L (including antenna) x 1-7/8" W x 1-1/2" Deep (including belt clip)

Weight - 3.7 oz. with batteries (approximate)

Manual Alarm Activation - Push Top Button. Alarm Transmitted, Red LED indicator flashes rapidly.

Alarm Reset - Simultaneously Press Side Buttons RED LED Changes to GREEN LED

Batteries: 4 AAA Alkaline Batteries

Battery Life: in Standby Mode 90 to 120 Days

Spread Spectrum Radio Signaling Transmitter- 902-928 MHz I.S.M. Band, No FCC License Required.

#### SUPERCELL TD- BOX SPECIFICATIONS

Approximate Size - 5" High x 2-7/8" Deep x 4-3/4" Wide.

Weight -11 oz. with SuperCell SC50. Alarm Box only 7.6 oz. (approximate)

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