

## The SafeKare Hanging FOB is a part of the SafeKare Monitoring System.



The Hanging FOB (HFOB) is a monitoring device worn by the client. The HFOB transmits a beacon signal that is received and processed by the Caregiver Receiver Unit (CRU). If the client wanders outside the monitored range, the transmitted beacon is not received by the CRU, and an alarm sounds alerting the caregiver. The monitoring range is selected by a slide switch on the side of the CRU. The selected ranges are: short (15-25 feet), medium (25-50 feet), and long (50-100+ feet). The HFOB is intended to be worn on the belt, purse, or around the neck.

### Operation Summary

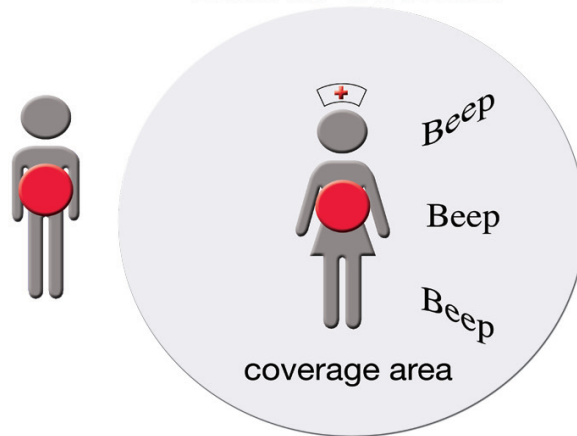
The caregiver inserts a battery into the HFOB to activate it. The caregiver turns on the Caregiver Receiver Unit and commands the unit to learn the client HFOB identification. The caregiver then selects the appropriate range setting, on the receiver, for the monitored area. The range setting will vary depending on the type of area monitored (example: home, store, mall, park, etc.). The SafeKare

system is now ready for use. The HFOB will remain operational for approximately three months on a single new battery.

### Client Inside Control Area



### Client Outside Control Area Alarm Sounds



# SafeKare™ Hanging FOB

## Hanging FOB Specifications

Operating Frequency	417.85 – 418.15 MHz (418 MHz nominal)
Dimensions	2.4" x 1.3" x 5/8"
Weight	0.96 ounce (27.5 grams)
Battery Voltage	3.0V ±15%
Battery Type	CR2032 (single coin cell)
Average Battery Life	90 to 120 days
Sealing	Dust resistant
Humidity	98% non-condensing
Temperature	
Operating	0° to +70° C      (+32° to +158° F)
Storage (non-operating)	-10° to +85° C      (+14° to +185° F)
RF Output	10 µW (micro watts) / -20dBm
Time between transmissions	10 seconds
FCC Modulation	OOK

SafeKare™ Hanging FOB  
Model Number: FOB101A

### Accessories

- Neck Lanyard
- FOB Clip
- FOB Ring
- Metal Box
- Battery

### Related Products

- Caregiver Receiver Unit
- Additional Client Tags
  - Wrist/ankle FOB
  - ID Badge

Microwave Monolithics Incorporated  
2263 Ward Avenue  
Simi Valley, CA 93065  
(805) 584-6642

Website: [www.micro-mono.com/safekare](http://www.micro-mono.com/safekare)  
Email: [sales@micro-mono.com](mailto:sales@micro-mono.com)

SafeKare™ is a registered trademark.