



THE SCIENCE OF SURVIVAL

PERSONAL LOCATOR BEACON WITH AIS MAN OVERBOARD

# ResQLink™ AIS

Combining the global response of the 406MHz Cospas-Sarsat Satellite rescue services with the transmission of AIS Man Overboard signals to alert vessels equipped with AIS receivers within VHF radio range and a 121.5MHz RDF signal to guide emergency services directly to your location.

Designed to install within a Life Jacket allowing semi-automatic activation in the event you fall overboard, the ResQLink AIS offers the most comprehensive communication set to ensure a rapid response and rescue.



**Integrated AIS Man Overboard Alert**



**406 MHz & 121.5 MHz Signals**



**Built-in LED and IR Strobe Array**



FEATURING

**Return Link**

MEOSAR Technology



This device has not been authorized by the rules of the Federal Communications Commission, FAA, EASA or Cospas-Sarsat. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.

[www.ACRARTEX.com](http://www.ACRARTEX.com)

# RESQLINK AIS

## PERSONAL LOCATOR BEACON WITH AIS MAN OVERBOARD

### Pairing Global and Local Rescue

As long as AIS Man Overboard devices and Cospas-Sarsat Personal Locator Beacons have been in use the question has been asked: When can we have both in one package?

With multi levels of integrated signal technology – GNSS positioning, powerful 406 MHz signal, and AIS transmission – the **ResQLink AIS** uses AIS technology to alert all vessels within VHF range by sounding alarms and indicating a MOB position to people in the best position to offer immediate aid, while at the same time quickly and accurately relaying your position to a worldwide network of search and rescue satellites. Additionally, a built-in visible strobe and infrared strobe facilitate nighttime, or other low visibility, rescues.

When installed in a compatible life jacket the **ResQLink AIS** will activate upon inflation of the jacket initiating the call for assistance even if a casualty entering the water may be incapacitated.

Whether the **ResQLink AIS** is installed in a life jacket or carried on a user's person, innovative design elements and multifunction clips can be used in conjunction with the beacon, providing numerous wear-ability options that address a variety of usage applications.



Simple  
Life jacket  
Integration



GPS and  
Galileo



Rugged  
Construction



24 Hours  
Operation



No Activation  
or Mandatory  
Annual Fees



Return Link  
Service (RLS)



MEOSAR  
Compatible



5 Year Battery  
Life

## SPECIFICATIONS

**Product Number:** 2933

**Model Number:** PLB-450

### Activation

Manual  
Semi-automatic upon inflation of a compatible life jacket

### Class

Class 2 Operation (@ -4°F / -20°C)

### Buoyant

No (optional flotation jacket available)

### Size

7.87" (L) x 1.41" (W) x 1.81" (D)  
20.0 cm (L) x 3.6 cm (W) x 3.0 cm (D)

### Temperature Range

Storage: -30°C to +70°C (-22°F to +158°F)  
Operating: -20°C to +55°C (-4°F to +131°F)

### Waterproof

10m (1.0bar) : 60minutes

### Battery

Non-rechargeable Lithium Iron Batteries

### Battery Replacement

Due 6 years from date of manufacture or 5 years after beacon is placed into service, whichever is first, or after emergency use.

### Weight

0.42 lbs (190 g)

### Warranty

5 Years

### Operational Life

>24hours @ -20°C (-4°F)

### Approvals (Pending)

Cospas-Sarsat, FCC, ISED, CE, UKCA, AMSA.

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