

# Distress beacons



Our range of electronic emergency location equipment has been specifically designed for your optimum safety at sea. Joining forces with the world leader in electronic emergency location products, we are proud to present the Kannad Marine emergency location solutions, for use on professional and recreational vessels.

Our range features a large choice of personal beacons (PLBs), and EPIRBs for boat.

## The COSPAS-SARSAT satellite system

406 MHz EPIRBs and PLBs work together with the COSPAS-SARSAT satellite system which provides true global distress alert coverage.

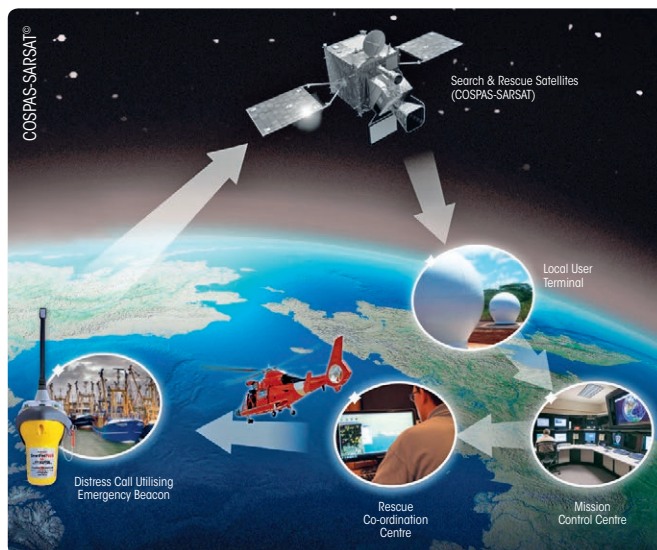
The satellites can determine the position of your EPIRB or PLB within  $\pm 62$  metres (GPS versions) or 5 km (3 miles) for standard types without GPS.

The coded message identifies the exact vessel to which the EPIRB is registered, or the person the PLB is registered to.

GPS-enabled EPIRBs and PLBs feature built-in multi-channel GPS receivers.

Highly accurate, they will enable rescue teams to come straight to your location.

EPIRBs and PLBs also feature a secondary homing beacon, which transmits on 121.5 MHz frequency, for the final phase of rescue search.



## Should I select an EPIRB or a PLB ?

EPIRBs (Emergency Position Indicating Radio Beacon) or PLBs (Personal Locator Beacons) are used to alert search and rescue services in the event of an emergency, by transmitting a coded message on the 406 MHz distress frequency. This message is relayed through satellite and earth station to the nearest rescue co-ordination centre. These beacons offer a modern alternative to traditional rocket flares, with the added advantage of global coverage.

EPIRBs and PLBs are subscription free (according to countries).

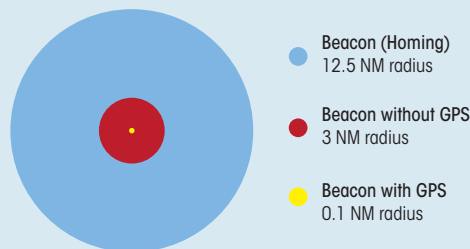
	EPIRB boat beacon	PLB personal beacon
<b>Application</b>	Marine use (professional boats, recreational boats, blue water cruising & racing)	Marine, land, air (recreational boats, blue water cruising and racing, trekking...)
<b>Floating*</b>	Yes	Yes, when fitted with the buoyancy pouch included.
<b>Flashlight</b>	Yes	Depending on the model
<b>Endurance</b>	48 h minimum	24 h minimum
<b>Installation</b>	Traditionally mounted on the vessel	Handheld model
<b>Activation</b>	Auto model <ul style="list-style-type: none"> <li>Hydrostatic release.</li> <li>Manual by throwing the beacon into the sea.</li> <li>Manual by using the On switch.</li> </ul>	Manual model <ul style="list-style-type: none"> <li>Manual by throwing the beacon into the sea.</li> <li>Manual by using the On switch.</li> </ul>

\*EPIRBs operate without restrictions while floating.

PLBs must be kept in the appropriate position when floating, to keep the signal emission clear.

## Should I select a GPS in option ?

EPIRBs and PLBs with GPS give instant alerts and high precision. It computes your position exactly when the alert signal is sent and transmits it to the COSPAS-SARSAT satellites, then to the Search and Rescue services (SAR), and updates your position every 20 minutes in relation to drifting.



## Coding my distress beacon

The distress beacon (EPIRB or PLB) is coded in order to transmit the appropriate information through the 406 MHz distress frequency when activated.

You must register the EPIRB or PLB with the national authority of your country, they will link the beacon number to your boat or personal data.