

Manage your beacon and get extra advantages!



- Register on our dedicated website to get 5 year warranty (2 years + 3 years)
- Free access to beacon history (next maintenance date, battery life...)
- Programmer-friendly, easy coding of the beacon

www.manageyourbeacon.com

COSPAS-SARSAT

The Cospas-Sarsat system is the only truly global search and rescue system, operating 24/7 absolutely anywhere in the world.

The distress signal is relayed by the Cospas-Sarsat LEOSAR satellites to the ground stations (LUT) that calculate its position using Doppler Shift. With a built-in GPS, the GEOSAR satellites receive the signal and position within 5 minutes.

The Mission Control Center (MCC) network processes the information and informs the nearest Rescue Coordination Center (RCC) so that SAR authorities can organize rescue operations.



TECHNICAL SPECIFICATIONS

STANDARDS

Category	COSPAS-SARSAT Cat 1 PLB, floating
Message formats	PLB National, Standard and User Location Protocol
Operating temperature range	-20°C to +55°C (-4°F to +131°F)
Storage temperature range	-30°C to +70°C (-22°F to +158°F)
Battery life	5 years storage Minimum 48 hours transmit mode
Battery replacement	By user
Weight (approx)	300g (10oz)
406MHz output power	5W typical
Modulation	Biphase L1.1
121.5MHz output power	50mW typical
Modulation	AM, up or down swept tone
Programming interface	Infra-red diode
Size (D x W x L)	54 x 78.4 x 146mm (2.12 x 3.08 x 5.74in)
GPS	50 channel
GPS typical accuracy	+/- 62 metres
GPS antenna	Ceramic patch
Approvals	For a complete list of approvals, go to www.kannad.com
Part number and name	1202393 Kannad XS-ER GPS

KANNAD
aviation

www.kannad.com

DEALER

Please note that the information given in this brochure is correct at the time of printing and is intended to be useful and informative to customers. The right is reserved to amend this information without prior notice.

ISSUE 2

Fly Safe

The compact and versatile 406 MHz PLB



Your Ultimate Lifeline

Subscription-free, global alert and rescue

The XS-ER GPS PLB transmits two signals simultaneously, one to the subscription-free Global 406 MHz international Search And Rescue (SAR) satellite system. The other (121.5MHz) is a homing signal designed to speed up the local recovery response process. Once activated, the signals will continue to transmit for at least 48 hours. The powerful 406 MHz 5 WATT output transmission ensures that a call for help gets through to the international SAR authorities whatever the conditions.

Actual Size

XS-ER: Extended Range brings more safety

The new XS-ER GPS Personal Locator Beacon brings added dimensions to safety with 48 hour operational battery life from activation at temperatures as low as -20°C.

GPS integrated as standard

XS-ER GPS integral 50 channel GPS navigation receiver gives a typical positional accuracy of +/- 62 meters and new position updates every 20 minutes, significantly reducing the normal search area down from a 28sq nm area, when given a clear view skyward. It also has a visual indication of GPS position acquisition.

The new XS-ER GPS PLB is perfect to carry in addition to your onboard ELT installation.



Intuitive, Easy Three-Stage Activation:

Lift flip cover and pull anti-tamper cover to deploy the antenna, push and hold ON button to activate the PLB.

KANNAD AVIATION high performance distress beacons are selected by the world's most famous aircraft builders and airlines.

"KANNAD AVIATION PLBs ensure our pilots are a lot safer, they can make the difference between life and death."

Jez Hopkinson
Team Leader,
Yakovlevs Aerobatic Team



XS-ER GPS PLB features

- Minimum of 48 hours continuous operation
- Compact, light weight, small size
- Easy and intuitive activation
- Waterproof to 10 meters and buoyant
- Perfect to carry in addition to your onboard ELT installation
- Subscription-free and no call charges
- 5 year battery life
- User replaceable battery
- 406MHz international distress alert and 121.MHz homing signal