

TERRAFIX™ 406

GPS PERSONAL LOCATOR BEACON //

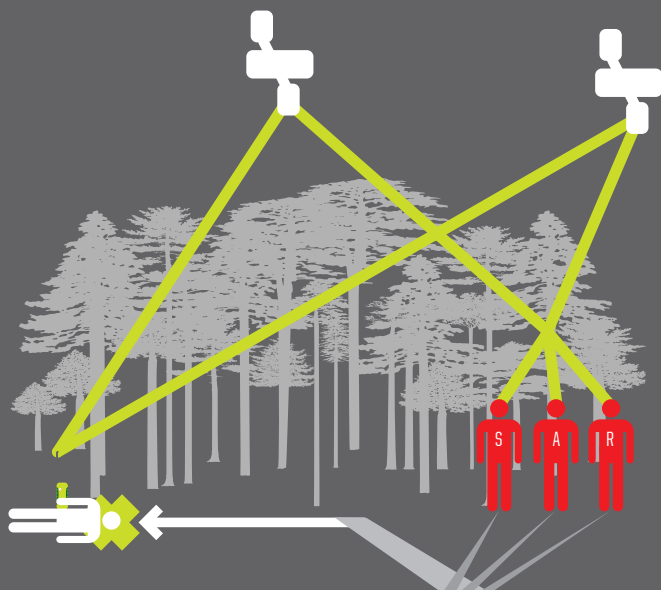
Accidents happen every day in the outdoors, whether you fall out of a tree stand, break a leg during a hike, or roll over an ATV. In the outdoors, an everyday accident instantly can become a life threatening situation, and rescues may take days or weeks if you are not prepared.

Why wait days being stranded in the outdoors hoping someone will find you? Put the power in the palm of your hand with the TerraFix™ 406 GPS Personal Locator Beacon. Now you can turn that life threatening situation into a successful rescue story.

It's as easy as pushing a button, and with an internal GPS receiver (P/N 2798.4NH) the TerraFix™ will acquire your GPS position and transmit it along with your personalized identifier code through the COSPAS-SARSAT satellites instantly alerting SAR forces that you need help, immediately!

The TerraFix™ works fast, if GPS data is present in the beacon's first burst, SAR forces can be notified and start planning your rescue in as little as three minutes.

Be Responsible, Be Prepared, Be Safe.



THE SCIENCE  OF SURVIVAL

www.acrelectronics.com

TERRAFIX™ 406

GPS PERSONAL LOCATOR BEACON //

// Transmits on 406 MHz via COSPAS-SARSAT satellite system with your registered unique, digitally coded distress signal and 121.5 MHz SAR local homing frequency

// Onboard GPS (P/N 2798.4NH) acquires LAT/LON when the unit is activated, your LAT/LON is transmitted as soon as acquired providing rescue agencies with your exact position to within 100 meters (110 yards)

// GPS interface (NMEA 0183) allows you to download your GPS coordinates from a hand-held GPS receiver into your PLB, when activated; your LAT/LON will accompany your 406 MHz signal on the first burst, dramatically saving valuable time for your distress message to reach local rescue centers

// Easily carried in a pack or pocket; small enough to be worn by skiers, hikers, hunters, kayakers, climbers, pilots and any outdoor enthusiast

// Removable holster provides functionality, style and protection for your PLB; holster allows for multiple mounting options on backpacks, webbing, and life vests

// Full functional self test of internal circuitry, battery power, 406 MHz transmission, and GPS acquisition (P/N 2798.4NH)

// Flat, stainless steel antenna wraps compactly around the unit for easy stowage; is easily positioned when needed

// Floats to avoid loss if dropped water, exceeds RTCM waterproof requirements

Specifications

Part Number	2798.2NH GPS Interface 2798.4NH GPS Interface and Onboard GPS
Size	1.74 x 5.71 x 3.03 in (4.4 x 14.5 x 7.7cm)
Weight	12 oz. (343 g) w/o holster; 13.3 oz. (378 g) with holster
Battery	Class 2 (non-hazmat) lithium battery packs 5 year replacement life (11 year storage)
Material	Engineered resilient impact polymer
Color	Hi-viz ACR-treuse™ with green holster
Storage	-40° F to 158° F (-40° C to 70° C)
Deployment	Manual
Activation	Manual
Operation	Deploy antenna, press both test buttons simultaneously
Waterproof	16 ft. (5 m) @ 1 hour, 33 ft. (10m) @ 10 min., factory tested @ 70°F (21°C). Exceeds RTCM waterproof requirements
Radiated Power	5 watts +/- 2dB (406MHz)/50 mW +/- 3dB (121.5 MHz)
Operational Life	Exceeds required 24 hrs @ -4° F (-20° C)
Typical Performance	36 hrs @ -4° F (20° C), 20 hrs @ -40° F (-40° C)
Accessories	PLB holster, GPS interface cable
Certification	COSPAS-SARSAT, Europe, Canada, and FCC
Warranty	5 years
Patent	U.S. Patent No. 6,501,340
Lead Free	Yes



We build quality products knowing they are used to save lives.

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Did You Know...

406 MHz technology has been around since 1982 and is credited with saving over 24,500 lives worldwide

In 2007, of the 130 incidents in the US, 353 people are alive, thanks to the COSPAS-SARSAT system

Registration...

It is mandatory that you register your PLB. It's fast, easy and free www.beaconregistration.noaa.gov

When activated, the unique identification code in your PLB is linked to the registration database. This way authorities can retrieve valuable information about you and your trip

Responsible Use...

The TerraFix™ is a satellite signaling device of last resort, for use when all other means of self rescue have been exhausted, where the situation is grave and imminent loss of life, limb, eyesight, or valuable property will occur without assistance



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Rev: 07/08