GME

Includes NON-HAZMAT Long Life Batteries

# ACCUSAT™

## POCKET PRO+MT410G/MORSE 'P'

## MT410G

- 7 year Battery life, 7 year Warranty.
- Typical GPS assisted accuracy < 328 ft (100 m) and 1st fix within 35 seconds.
- High visibility strobe light.
- Unique patented technology - no warm up period.
- Featherweight, compact and robust construction.
- Digital 406 MHz, 5 Watt transmission plus 121.5 MHz homing signal.
- COSPAS-SARSAT worldwide operation.
- National & International Approvals.
- Sealed waterproof design (to 1 meter).
- Retention strap and fully buoyant design reduces risk of loss.
- Complete with protective carry pouch.
- Includes U.S. Morse 'P'.


FCC Approved

**www.gme.net.au**

GME

Includes NON-HAZMAT Long Life Batteries

ACCUSAT™

POCKET PRO+MT410G MORSE 'P'

# MT410G

## SPECIFICATIONS

GME's **AccuSat Series,** available with or without an integrated GPS option, are leading the world with feature innovation and user benefits.

Not only is the **AccuSat Series** the smallest and lightest PLB on the market, both models offer a massive 7 year battery replacement life, an 'industry first' 7 year warranty, a high intensity LED strobe and a 'Non Hazmat' battery pack for simple and cost effective transportation, all contributing to the unique **AccuSat** advantage.

The current 121.5/243 MHz analogue COSPAS SARSAT service will be terminated in February 2009 and only the 406 MHz digital beacon signals will be processed thereafter. Consumers have for some time recognised the major benefits of a 406 MHz over a 121.5 MHz device in faster, more accurate detection, personal identification of each beacon, reduced search area resulting in a faster more targeted response in a life threatening situation. However the prohibitive cost of 406 MHz beacons has always been an issue.

Today with cutting edge microprocessor technology, GME's engineers are able to provide the outdoor adventurer with a 406 MHz PLB solution that is not only affordable, but provides enhanced peace of mind for boaters, hikers, 4 x 4 enthusiasts and aviators should they ever require emergency assistance.

GME has been designing and manufacturing emergency beacons in Australia for over 30 years. In that time literally hundreds of lives have been saved in Australia and around the world.

COSPAS SARSAT

### MODES OF OPERATION

| | |
|---|---|
| Activated: | UHF (406) and VHF (homer) complete with high intensity strobe and audible alert. |
| Self Test: | Comprehensive internal diagnostics with visual and audible operator feed-back. UHF test message (inverted synchronisation compatible with portable beacon testers). GPS satellite acquisition test. |

### OPERATION

| | |
|---|---|
| Activation: | Automatically when antenna deployed. |
| Duration: | In excess of 24 hours at 4°F (-20°C). Longer at higher ambient temperatures. |
| Transmission: | 121.5 MHz and 406 MHz |
| Delay: | 60 seconds to de-activate prior to distress transmission. |
| Warm Up: | None required (due to patented digital frequency generation). |
| VHF: | 121.5 MHz, 50 mW ±3 dB, includes Morse 'P'. |
| UHF: | 406.028 MHz, 5 W ± 2 dB, PSK (digital). |
| Strobe: | > 20 flashes/minute 2 x high intensity white LED. |
| COSPAS-SARSAT: | Certified to C/S T.001 (Class 2) requirements. |
| Approvals: | FCC, AS/NZS 4280.2, ETSI EN 302 152-1, RTCM 76-2002/SC110 |
| UHF-Protocol/Data: | Supports all short and long operation protocols (re-programmable by distributor). |
| Repetition Period: | 50 s mean, digitally generated randomization. |
| VHF: | Satellite compatible phase coherent |

### BATTERY

| | |
|---|---|
| Replacement Period: | Prior to expiry date marked on case - (7 yrs), or after use. |
| Replacement Method: | Service center or factory only (non-user replaceable). |
| Battery Chemistry: | $LiMnO_2$ (0.49 g Lithium per cell) |
| Battery Configuration: | 2 electronically isolated batteries, each consisting of 2 cells type CR17345. |

### PHYSICAL

| | |
|---|---|
| Operating: | -4°F to 131°F (-20°C to +55°C) |
| Storage: | -22°F to 158°F (-30°C to +70°C) |
| Weight: | 8.8 ounces (250 g) |
| Compass Safe Distance: | 0.33 ft (0.1 m) - for minimal deflection). |
| Dimensions (H x W x D): | 5.3 in x 2.8 in x 1.5 in (135 mm x 71 mm x 38 mm) |
| Buoyant: | Will float in fresh/salt water (RTCM Cat 1). |
| Waterproof: | Submersion to 3.3 ft (1 m), exceeds IP67. |
| Materials: | High visibility yellow chassis with translucent cap. UV stabilised high impact plastic chassis with energy absorption over-moulded bumpers. |

### GPS RECEIVER

| | |
|---|---|
| Type: | Ultra-high sensitivity L1 frequency C/A. |
| Channels: | 16 Channel, 8192 time/ frequency search windows. |
| Antenna: | Dielectrically loaded quadrifilar helix. |
| Acquisition: | Cold start 35 seconds typical Hot start <3.5 seconds typical. |
| Position: | Located to within <328 ft (100 m) typical. |

### OTHER FEATURES

| | |
|---|---|
| Transport: | Meets UN requirements for transport as non-hazardous cargo on board passenger aircraft. |
| Antenna: | Flexible, self straightening and robust wire rope design. Marine grade 316 Stainless Steel. |
| Included Accessories: | Wrist/Neck strap. Protective carry pouch with multidirectional belt loops. |

All specifications are typical and subject to changes without notice or obligation.

ISO 9001 SGS N9 CE 0168 ⓘ

FCC ID: TXJMT410-G

Supplier:


**Whiffletree Corporation Inc.**
P.O. Box 27, Bridgton, ME 04009
**Phone:** 207-647-3300, **Fax:** 207-647-3700
**www.whiffletreecorp.com**

Manufactured by
**Standard Communications PTY. LTD.**
HEAD OFFICE: Locked Bag 2086, NORTH RYDE, N.S.W.1670, Australia.
**Phone:** +61 (0)2 9844 6666, **Fax:** +61 (0)2 9844 6600
**www.gme.net.au**