



ACCUSATO™
POCKET SERIES 406 MHz PLB

MT400 and MT406G EPIRBs



**MT400
NON GPS Model**

**MT406G
NEW GPS Model**

GME revolutionised the emergency beacon world with the introduction of the AccuSat MT400. Utilising the same ground breaking Australian technology the AccuSat MT406G EPIRB is the latest exciting extension to GME's growing family of innovative safety products.

- > Full class 2 international accredited specification.
- > 6 year battery life and 6 year warranty
- > High performance solid state strobe
- > Digital 406 MHz 5 watt transmission plus 121.5 MHz homer.
- > Rugged lightweight easy-to-mount compact design.
- > COSPAS-SARSAT worldwide operation

MT406G Additional Features

- > 16 Channel GPS receiver
- > Top mounted Quad Helix GPS receiving antenna.





MT400 and MT406G EPIRBs

GME has been designing and building EPIRBs in Australia for over 35 years, the company is now one of the largest manufacturers of EPIRBs and PLBs in the world, with product being exported to more than 40 countries.

Back in 2004 Australia's GME revolutionised the marine safety world with the award winning MT400 406 MHz EPIRB. The MT400 concept, evolutionary design and price point set a new standard in beacon design and became the benchmark to which all other manufacturers aspired.

Now some six years later GME has once again upped the ante with the introduction of remarkable MT406G, a totally compliant Class 2 EPIRB with a fully integrated 16 Channel GPS receiver.

The key benefits of a GPS equipped EPIRB, are faster detection by the geo-stationary satellites, typically less than ten minutes anywhere in Australia or New Zealand. Non GPS beacons using low earth orbiting satellites can take up to two hours to detect an emergency signal depending on the time of day and position.

The second and arguably the most important attribute of a GPS equipped EPIRB like the MT406G is the accuracy of the beacons position; by transmitting latitude and longitudinal coordinates as part of the emergency message; search and rescue authorities can pinpoint the distress message down to around 100 metres, as opposed to 5 kilometres with a standard non-GPS EPIRB. In a true emergency scenario this combination of rapid alerting and

a precise location could well be the difference between a successful rescue and a family tragedy.

Both the MT400 and MT406G have an auxiliary 121.5 MHz homing transmitter included, this enables suitably equipped Search and Rescue services to home-in on the distress beacon.



SPECIFICATIONS

MODES OF OPERATION	MT400	MT406G
Activated	UHF (406 MHz) and VHF (121.5 MHz Homer) complete with high intensity strobe and audible alert.	
UHF / VHF Self Test	Comprehensive internal diagnostics with visual and audible operator feed-back. UHF test message (inverted synchronisation compatible with portable beacon testers).	
GPS Self Test		User selectable GPS signal acquisition test function
OPERATION		
Activation	Manual	Manual
Duration	48 Hours Minimum	
Transmission	406 MHz and 121.5 MHz	
Delay	Signals commence 60 seconds after activation	
Warm Up	None required due to digital frequency generation	
VHF	121.5 MHz, 50 mW +/- 3 db, swept tone AM	
UHF	406.037 MHz, 5 Watts +/- 2 db, PSK (Digital)	
Strobe	COSPAS-SARSAT Compliant >0.75 Candela effective intensity.	
GPS		
GPS Receiver	N/A	16 Channel
GPS Antenna	N/A	Dielectrically loaded Quadri-filer Helix
Acquisition – Cold Start	N/A	<90 seconds typically
Acquisition – Hot Start	N/A	3.5 seconds typically
Position Accuracy	N/A	< 100 meters typically

MODES OF OPERATION	MT400	MT406G
COSPAS-SARSAT		
UHF-Protocol / Data	All approved EPIRB short protocols	All approved EPIRB long protocols
VHF Homer	COSPAS-SARSAT Compliant Homer	
APPROVALS		
COSPAS-SARSAT	C/S.T.001/007 Certified to class 2 requirements	
Australia and New Zealand	AS/NZ 4280.1:2003	
BATTERY		
Replacement	6 Years (non-user replaceable)	
Chemistry	LiSO ₂ (2.4g of lithium per cell)	
No./Size	2 D Size cells	
PHYSICAL		
Operating	-20 C to +55 C	
Storage	-30 C to +70 C	
Weight (+ Bracket)	535 (+98) g	570 (+98) g
Compass Safe Distance	0.1 meter	
Dimensions H x W x D mm	260 x 102 x 82	
OTHER FEATURES		
Retention Lanyard	Buoyant type approximately 5.5m	
Reflector	SOLAS retro-reflective tape encircling unit above waterline	
Antenna	Flexible self straightening stainless steel tape	
Stowage	Quick release manual bracket	
Transportation	Category 9	

Specifications are subject to change without notice or obligation.

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