MANUAL ACTIVATION
CLASS 2 406 MHZ EPIRB WITH GPS
MT605G

Compact and lightweight, the MT605G is easy to install on any vessel utilising the specially designed quick release mounting bracket. The MT605G features a next generation GNSS Receiver (supporting GPS and Galileo satellite systems) and High Intensity Solid-State Strobe Lighting to assist search and rescue teams.

Certified by Cospas-Sarsat for worldwide usage, and boasting a 10 year battery life and 6 year warranty, the MT605G represents great value for such an important piece of emergency equipment.

GME's digital Emergency Position Indicating Radio Beacons (EPIRBs) have led to hundreds of successful rescues in Australia and around the world. With over 35 years' experience engineering and manufacturing EPIRBs in Australia, GME is at the forefront in development of life saving safety equipment. The MT605G builds on this heritage, delivering next generation performance to commercial and recreational mariners.

Features

Integrated GNSS Receiver (Supports GPS and Galileo)

Current location update sent every 5 Minutes

Compact, Lightweight, Easy-to-Mount Design

Cospas-Sarsat Worldwide Certification | Class 2 (C/S T001)

121.5 MHz Homing Beacon

High Intensity, Solid State Strobe Light and Infrared Light

Digital Zero Warm-up Technology

Easy Self-test with Audio / Visual Alert

48 hours Minimum Operating Time

10 Year Battery Life

6 YEAR WARRANTY

AUSTRALIAN MADE

Specifications

MODES OF OPERATION	
Activated:	UHF (406) and VHF (homer) with high intensity strobe and audible activation alert.
General Self Test:	Comprehensive internal diagnostics with visual and audible operator feedback. UHF test message (inverted synchronisation compatible with portable beacon testers).
GNSS Self Test:	GNSS acquisition test with visual and audible operator feedback 406 MHz test message containing GNSS coordinates.

OPERATION	
Activation:	Activated manually
Duration:	48 hours minimum
Transmission Delay:	121.5 MHz and 406 MHz distress signals commence ~50 seconds after activation
Repetition Period:	406 MHz at 50 seconds mean, with digitally generated randomisation
UHF:	406.031 MHz, 5 W ± 2 dB, PSK (digital)
Coding protocols:	Standard Location Protocol - EPIRB with MMSI and EPIRB with Serial Number; National Location Protocol - National Location: EPIRB.
VHF:	121.5 MHz, 25 mW, min PERP@25°C
Strobe:	20 flashes/minute at greater than 0.75 candela effective intensity

BATTERY	
Replacement Period:	Prior to expiry date marked on the case
Useful Life:	10 Years
Chemistry:	Li/FeS$_2$ (less than 1g lithium per cell)
Configuration:	4 batteries each consist of 2 cells

PHYSICAL	
Operating Temperature:	-20°C to +55°C
Storage Temperature:	-30°C to +70°C
Weight:	1650g
Compass Safe Distance:	1m from magnetic navigational device
Dimensions:	390 mm (H) x 155 mm (W) x 110 mm (D) max
EPIRB unit dimensions:	260 mm (H) x 102 mm (W) x 83 mm (D)
Materials:	UV stabilized plastic chassis
Performance:	AS/NZS 4280.1 class 3 EPIRB

OTHER FEATURES	
GNSS:	Internal high performance receiver supports GPS and Galileo constellations
Retention Lanyard:	Buoyant type approximately 5.5 metres long
Reflector:	SOLAS retro-reflective tape encircling unit above waterline
Solid-state Strobe:	High reliability solid state White and Infrared LED Strobe
Antenna:	Flexible self-straightening stainless steel design
Mounting:	Four (4) vessel fixing points moulded into the bracket

COMPLIANCE	
AS/NZS	4280.1:2022
Cospas-Sarsat:	Certified to C/S T.001 (Class 2) requirements

*Standard factory setting, subject to national requirements. Distributor-reprogrammable via optical data interface.
Specifications are subject to change without notice or obligation.