



MARINE RADIO

VHF HANDHELD

GX865

The GX865 radio is ideal for Commercial, Recreational, and Sports use where reliability is essential. Equipped with a robust 5W/1W switchable power transmission, superior IPX8 ingress protection, a built-in torch, float-and-flash capabilities, and efficient USB-C charging with a reliable 4000mAh battery.

The GX865s also offers WDT (Water Displacement Technology) for unparalleled durability, 60 second channel recording and playback, ultra-long standby time, and dual and triple watch functions for optimal situational awareness. Invest in the GX865 and elevate your marine communication experience to new heights

FEATURES

5/1 Watt Switchable Power

Torch (White & Red)

Ultra-Long Standby Mode

Floats with Auto Flash LCD

Voice Record and Loop Play

IPX8 Ingress Protection

Water displacement Technology

Large LCD with White Background

Dual and Triple Watch



Specifications

GENERAL	
Frequency Range: Transmit:	156.025 To 162.425 MHz
Frequency Range: Receive:	156.050 To 163.275 MHz
Oscillator:	PLL
Modulation:	FM (16K0G3E)
Channel Spacing:	25 kHz
Frequency Stability:	±5 PPM
Nominal Working Voltage:	3.7 V (With Li-Polymer Battery 4000mAh)
Battery Life (5% TX, 5% RX, 90% Stby):	≥ 24 H
Antenna Connector:	SMA
Built in Speaker:	40 mm Diameter, 8 Ohms
TRANSMITTER	
Carrier power (no mod)	
High power:	5W
Middle power:	3W
Low power:	1W
Carrier freq.Tolerance:	± 5 PPM
Max Modulation limiting:	± 5 kHz
Audio frequency response	
@300Hz:	≤ -56 dB
@2KHz:	
Audio Distortion @ 3 kHz Dev:	< 5%w
Residual modulation:	≤ -56 dB
Mic sens.For 3KHz:	13 ±3 mV
Conducted spurious emission:	≤ -36 dBm
Current drain	
Transmit(High):	≤ 3.2A
Transmit(Middle):	≤ 2A
Transmit(Low):	≤ 1.2A
RECEIVER	
Sensitivity For 12dB Sinad:	≤ -6 (EMF) dBuV
Squelch	
a) squelch threshold:	6.0 (EMF) dbuV
b) squelch tight:	0dBuV ~ +6dBuV
c) hysteresis:	3 ~ 6 dbuV
Rated audio output at 10% Thd Speaker:	≥ 700mW
Max.S/N ratio at 1mV	≤ 40 dB
Audio frequency resp.	1KHz/0dB ref.
@300Hz:	+7.5 ~ +11.5
@2KHz:	-9 ~ -5
@3KHz:	-12.5 ~ -8.5

MECHANICAL AND ENVIRONMENTAL	
Dimensions:	155 x 60 x 40 mm
Standard Operating Temperature:	-15 ~ +55 °C
Weight:	285 grams
Ingress Protection:	IPX8
PACKAGING SPECIFICATIONS	
Dimensions	456.5 x 334 mm
Weight	570 grams
EAN13	9319493316255
NOTE: All values are typical unless otherwise stated and are subject to change without notice or obligation.	
ACCESSORIES	
Belt Clip	MB046
AC Adaptor	PS006
Replacement Antenna Suits	AE4024

Specifications are subject to change without notice, they are issued as a guide only and shall not form part of any contract without the express written authorisation of GME.

GME's Australian Manufacturing facility is ISO9001:2015 certified.

