



## GX 300 BLACK / WHITE

### Description

The GX300 is an innovative new design.

The GX300 is designed from the ground up to match GME's entire range of Marine radios which also include the GX600 VHF Marine transceiver and the GR100 Marine AM/FM stereo receiver.

Available in either Black or White, the GX300 allows the user to easily switch between Marine and CB modes to suit the installation.

With features such as Memory Channel Scan, Emergency/Priority Channel Recall, Dual Watch, Large Back-lit Display, very effective Noise Limiter and waterproof design (IP55) the GX300 covers virtually all aspects of 29 MHz communication on land or sea in one unit. The front mounted speaker provides loud clear reception and the channel controls on the microphone make operation easy.

The GX300 is supplied with a gimbal mounting bracket, but with a depth of just 70mm, the GX300 is also perfectly suited to Flush Mounting (using the optional flush mount kit).

### Features

Large back-lit LCD display with Lamp Dimming Function

Rotary Squelch Control

Programmable Memory Channel Scan

Advanced Noise Limiter (NL) Circuitry

29 MHz

Channel 88 and Priority channel selector key

Dual Watch feature

Water proof design (IP55) protects against water spray

Available in Black or White

Remote Channel Change Function Microphone

Multiple mounting options (flush or Gimbal mount)

Provision for 10 Private Channels (GME Programmable Option Only)

Please be advised that a VHF license is required

### GENERAL

#### Compliance

AS4367 and AS/NZS4355

Frequency Range	26.965 - 27.980 MHz
Channel Set	Australian 27 MHz Marine Australian 27 MHz Citizens Band
Frequency Control	Phase Locked Loop
Frequency Stability	< 50 ppm over temperature range
No. of Channels	10 (Marine) 40 (CB)
Antenna Impedance	50 Ohms
Supply Voltage	12.6 V DC nominal
Voltage Range	10.8 ? 15.2 V DC negative earth
Channel Display	Large LDC with backlighting
Current Protection	2 Amp 3AG (32mm) fuse
Reverse Polarity & Overvoltage Protection	Shunt diode and voltage regulator
Dual Watch Rate	Monitor Time: 250 ms Monitor Period: 2 seconds
Scan Rate	5 Channels per second
Dimensions	167W x 65H x 70D (mm)
Weight	450 grams

#### TRANSMITTER

RF Output Power	4 Watts max. Legal Power
Modulator Mode	AM (A3E)
Modulation Depth	100 %
Microphone	Electret condenser type
Microphone Sensitivity	1 Pa @ 1 kHz for 60% Modulation
Spurious Emissions	< -26 dBm
Current Consumption	1.6 Amps @ full modulation

#### RECEIVER

System	Dual conversion superheterodyne
Sensitivity	-110 dBm for 12dB SINAD @ 30% modulation
Adjacent Channel Sensitivity	> 55 dB
Spurious Response Immunity	> 55 dB
Conducted Spurious Radiation	- 57 dBm
Squelch Range	Tight: -80 dBm Threshold: -124 dBm
Audio Output	2.5 Watts in 8 Ohms (10% dist.)
Current Consumption	Full Volume = 660mA Squelched = 120mA

#### ENVIRONMENTAL & MECHANICAL

Temperature Range	-10 °C to + 60 °C
Immersion	IP55 (less connectors)

Solar Radiation	Case UV Stabilised
Compass Safe Distance	300 mm
DC Supply	2 Pin Polarised plug and socket
External Speaker	3.5 mm Mini phone jack

Specifications are subject to change without notice or obligation.