



# GX300



**COMPACT & WATERPROOF!**

## 27 MHz Marine and CB Radio

- FLUSH MOUNT DESIGN
- COMPACT AND WATERPROOF DESIGN
- MARINE AND CB FREQUENCIES (USER SELECTABLE)
- MEMORY CHANNEL SCAN
- AVAILABLE IN BLACK OR WHITE
- REMOTE CHANNEL CHANGE MICROPHONE
- MULTIPLE MOUNTING OPTIONS
- LARGE BACKLIT LCD



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# SPECIFICATIONS



- Waterproof design protects against water spray.
- Marine and CB frequencies (User Selectable).
- Memory Channel Scan
- Available in Black or White
- Remote channel change function microphone.
- Multiple mounting options
- Large backlit display
- Rotary Squelch Control
- Channel Scanning with Memory
- Advanced Noise Limiter Circuitry
- Provision of 10 Private Channels (GME programmable option only).
- Dual Watch

## GENERAL

Complies with	AS4367 and AS/NZS4355
Frequency Range	26.965 - 27.980 MHz
Channel Set	Australian 27 MHz Marine Australian 27 MHz Citizens Band
Modulation	AM (A3E)
Supply Voltage Range	• 10.8 - 15.2 V DC negative earth • 12.6 V DC nominal
Frequency Error	< 50 ppm over temperature range
Dual Watch	monitor time - 250 ms monitor period - 2 seconds
Scan Rate	5 channels/second
Current Protection	2 Amp 3 AG fuse
Reverse Polarity and Over Voltage protection	Shunt diode and voltage regulator

## TRANSMITTER

Modulation Frequency Response	300 Hz to 3 kHz, + 1 - 3 dB
Max Modulation Depth	100%
Carrier Output Power	4 Watts Max
Microphone Level @ 1 kHz for 60% Modulation	1 Pa
Spurious Emissions	< - 65 dBc
Current Consumption	1.6 A full modulation

## RECEIVER

Demodulated Frequency Response	300 Hz to 3 kHz, + 1 - 3 dB
Receive Sensitivity for 12 dB SINAD @ 30% Modulation	- 110 dBm
Max Squelch	< - 80 dBm
Adjacent Channel Sensitivity	≥ 55 dB
Spurious Response Immunity	≥ 55 dB
Conducted Spurious Radiation	- 57 dBm
Squelch Range	Tight - 80 dBm, Threshold - 124 dBm
Current Consumption	Full volume = 660 mA Squelched = 120 mA
Audio Output Power	2.5 Watts @ 8 Ohms 10% distortion

## MECHANICAL

Dimensions	167(W) x 65(H) x 70(D) mm
Weight	450 grams

## ENVIRONMENTAL

Temperature Range	-10 °C to + 60 °C
Immersion	IP55 (less connectors)
Solar Radiation	Case UV Stabilised
Compass Safe Distance	300 mm

## EXTERNAL CONNECTIONS

Microphone	Rugged design with channel 'up/down' and CH 88/PRI buttons
DC supply	2 pin polarised plug and socket 1.8 m cable
External Speaker	3.5 mm mini phone jack

## OPTIONAL ACCESSORIES

- SPK45/B: External speaker 
- MK001B/W: Flush mount kit to retro-fit the GX294 and MK200. 
- MK002B/W: Flush mount kit to retro-fit the GX294 and MK220. 
- AE312H: 600 mm Ground Dependent 27 MHz Aerial, comes with base lead and plug. 
- AE60: 1.8 metre Pretuned 27 MHz Aerial, white, comes with base, lead and plug. 
- AE66: 1.8 metre Pretuned 27 MHz Aerial with two way swivel base, lead and plug. 
- AE96: 2.5 metre Pretuned 27 MHz Aerial with two way swivel base, lead and plug. 

**Please note:** The above antenna's are designed for marine applications. For a full range of CB land antennas please see our 'Land Communication Range' brochure.

Specifications are typical unless otherwise indicated and may be subject to change without notice or obligation

A Division of **Standard Communications PTY. LTD.**

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