



GX600D VHF DSC MARINE RADIO

The GX600D is a Class D DSC VHF radio designed to operate in the 156 – 163 MHz Marine Band. Its compact size and easy to use interface make it one of the most popular VHF radios today.

Full Class D DSC functionality enables the GX600D to send distress transmissions including vessel information, GPS position (when interfaced with a GPS device such as a chartplotter), and the nature of the distress

at the press of a button. The GX600D comes complete with a second receiver enabling both voice and data to be monitored independently, ensuring you never miss a DSC call.

The GX600D boasts a range of non-emergency capabilities enabling communication with other vessels or groups using MMSI numbers. If interfaced with a GPS equipped chartplotter, the radio can also send, receive and display the position of each vessel in the group.

- Exceeds class D European specifications for DSC operation.
- Compact design, overall depth 77mm, flush mount depth 45mm.
- Multiple mounting options, backwards compatible with all GME radio installations.
- Ingress protected to IP67*.
- Simple user interface.
- Full function keypad microphone available.
- Chartplotter compatibility for tracking feature.
- Instant Emergency Channel 16 selector.
- Available in black or white, multiple mounting options.



Ingress Protected



Compact

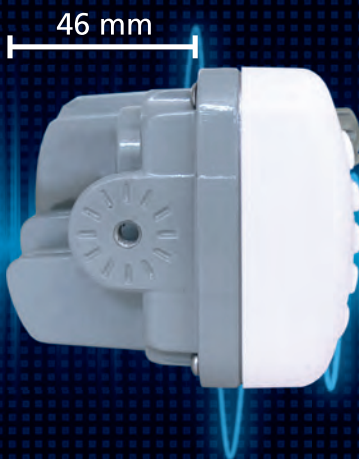


Direct Selective Calling





GX600 VHF DSC MARINE RADIO



ACCESSORIES INCLUDED

- Cabin cover
- Mounting bracket, gimbal knobs and hardware
- Microphone bracket
- DC power lead
- Instruction manual

OPTIONAL ACCESSORIES

- MC540W/B** controller microphone, available in white or black
- MK001W/B** flush mount kit, available in white or black
- MK002W/B** large flush mount kit, available in white or black
- SPK45W/B** water resistant extension speaker, available in white or black

SPECIFICATIONS

GENERAL		RECEIVER		DSC RECEIVER	
Complies with	AS/NZS4415.1.2003	IF Frequencies	1st: 21.4 MHz, 2nd: 450 kHz	IF frequencies	1st: 38.85 MHz, 2nd: 455 kHz
Frequency Range	155 – 165 MHz	Sensitivity	-120 dBm for 12 dB SINAD unweighted	(Note: all DSC limits are for 10e-2 BER)	
Channel Spacing	25 kHz	Squelch Sensitivity	Adjustable, 10 preset levels	Sensitivity	-120 dBm
Modulation	FM	Spurious Rejection	> 75 dB	Spurious Rejection	> 75 dB
Channels Sets	International, USA, Canada, Private – 20, P Channels, USA Weather Channels	Intermodulation Rejection	> 73 dB	Intermodulation Rejection	> 73 dB
Supply Voltage	12 volt nominal, 10.5 – 15.6 volt max. range, Negative Earth.	Adjacent Channel Rejection	> 75 dB	Adjacent Channel Rejection	> 75 dB
Frequency Stability	±1.5 kHz over environmental extremes	Blocking Rejection	> 100 dB	Blocking Rejection	> 100 dB
Scan Speed	100 ms/channel (10 channels/sec)	RF Bandwidth	< 4 MHz	MECHANICAL	
TRANSMITTER		Switching Bandwidth	> 10 MHz	Dimensions (mm)	164 (W) x 65 (H) x 77 (D)
Power Output	High: 25 watts max, Low: 1 watt max	Frequency Response	-6 dB per octave de-emphasis, 300 Hz – 3 kHz, +1 - 3 dB	Flush Mounting	46 mm panel depth minimum
Spurious Emissions	< -75 dBc	Audio Output Power	4 watts average into external 4 Ohm speaker, 2 watts average into internal speaker	Weight	585 grams
Frequency Deviation	± 5 kHz max +20 dB limiting @ 1 kHz	Audio SN	> 45 dB weighted	ENVIRONMENTAL	
Frequency Response	+ 6 dB per octave, 300 Hz – 3 kHz, +1 - 3 dB	Conducted Spurious Emissions	< -70 dBm	Temperature Range	- 10°C to + 55°C
Demodulated S/N	> 50 dB weighted	Current Consumption	Muted: < 200 mA, Full volume: 700 mA	Vibration	MIL STD 810E, procedure I 3.4.8
Current Consumption	High Power: < 5 Amps, Low Power: 850 mA			Solar Radiation	Case UV stabilised
				Water and Dust Resistance	IP67* excluding external cabling
				Compass Safe Distance	300 mm

Retailer:

All specifications are typical and subject to change without notice or obligation.

*Refer: <http://www2.gme.net.au/IPRatings>

EXTERNAL CONNECTIONS

Microphone	6 pin socket
DC Supply	2 pin socket
External Speaker	3.5 mm phono line socket
NMEA1	3 wire cable
NMEA2	3 wire cable

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