

# MODEL COMPARISON CHART

MARINE RADIOS	GR100	GX300	GX600	GX600D	GX620
<b>GENERAL</b>					
<b>COMPLIES WITH SPECIFICATION</b>	AS/NZS 1053-CISPR13	AS4367 & AS/NZS4355	AS/NZS4415.2.2003	AS/NZS4415.1.2003 +ETSI EN 301 0245-1	AS/NZS4415.2.2003
<b>FREQUENCY RANGE</b>	LW,MW,SW,VHF,AM,FM	26 - 30 MHz	155 - 165 MHz	155 - 165 MHz	156.02C - 162.025 MHz
<b>CHANNEL SET</b>	Radio Broadcast Bands	AUS 27 MHz Marine AUS 27 MHz Citizens Band	Int., USA, Canada private 10 ch USA & customer weather	Int., USA, Canada private 20 ch USA & customer weather	Int., USA, Canada USA weather
<b>CHANNEL SPACING</b>	-	10 kHz	25 kHz	25 kHz	25 kHz
<b>MODULATION</b>	-	AM (A3E)	FM	FM	FM
<b>SUPPLY VOLTAGE RANGE</b>	10.8 - 15.6 V DC Neg Earth	10.8 - 15.6 V DC Neg Earth	10.8 - 15.6 V DC Neg Earth	10.8 - 15.6 V DC Neg Earth	Internal battery 7.4 V DC nominal
<b>FREQUENCY STABILITY</b>	-	< 50 ppm over temperature range	±1.5 kHz over temperature range	±1.5 kHz over temperature range	± 5.0 ppm over temperature range
<b>SWITCHING BANDWIDTH</b>	-	> 4 MHz	> 10 MHz	> 10 MHz	-
<b>DUAL WATCH</b>	-	monitor time - 180 ms/over 2 sec	monitor time - 180 ms/over 2 sec	monitor time - 180 ms/over 2 sec	monitor time - 180 ms/over 2 sec
<b>SCAN SPEED</b>	10 ch/sec	5 ch/sec	10 ch/sec	10 ch/sec	10 ch/sec
<b>CURRENT PROTECTION</b>	2 A 3 AG fuse	2 A 3 AG fuse	10 A 3 AG fuse	10 A 3 AG fuse	-
<b>REVERSE POLARITY &amp; OVER VOLTAGE PROTECTION</b>	'hi dc' at 18 V, shutdown at 21 V	shunt diode & voltage regulator	shunt diode	shunt diode	-
<b>FACIAL DIMENSIONS</b>	164 x 65	164 x 65	164 x 65	164 x 65	63 x 100
<b>TRANSMITTER</b>					
<b>POWER OUTPUT</b>	-	4 W max	High - 25 W max Low - 1 W max	High - 25 W max Low - 1 W max	High - 3 W max Low - 1 W max
<b>FREQUENCY DEVIATION</b>	-	N/A	±5 kHz max +20 dB limiting @ 1 kHz	±5 kHz max +20 dB limiting @ 1 kHz	±5 kHz max +20 dB limiting @ 1 kHz
<b>MODULATION FREQUENCY RESPONSE</b>	-	300 Hz - 3 kHz, +1-3 dB	+6 dB per octave, 300 Hz - 3 kHz, +1-3 dB	+6 dB per octave, 300 Hz - 3 kHz, +1-3 dB	+6 dB per octave, 300 Hz - 3 kHz, +1-3 dB
<b>DEMODULATED S/N</b>	-	> 45 dB weighted	> 50 dB weighted	> 50 dB weighted	> 40 dB weighted
<b>CURRENT CONSUMPTION</b>	-	1.6 A full modulation	High - 5 Amp Low - 850 mA	High - 5 Amp Low - 850 mA	High - 1.2 Amp Low - 550 mA
<b>RECEIVER</b>					
<b>IF FREQUENCIES</b>	1st: 10.7 MHz 2nd: 450 kHz	1st: 10.7 MHz 2nd: 455 kHz	1st: 21.4 MHz 2nd: 450 kHz	1st: 21.4 MHz 2nd: 450 kHz	1st: 21.4 MHz 2nd: 450 kHz
<b>SENSITIVITY</b>	AM: -101 dBm 20 dB SINAD FM: -101 dBm 30 dB SINAD VHF: -105 dBm 12 dB SINAD	-110 dBm 12 dB SINAD 30% mod unweighted	-120 dBm 12 dB SINAD unweighted	-120 dBm 12 dB SINAD unweighted	-120 dBm 12 dB SINAD unweighted
<b>SPURIOUS REJECTION</b>	-	> 55 dB	> 75 dB	> 75 dB	> 65 dB
<b>INTERMODULATION REJECTION</b>	-	-	> 73 dB	> 73 dB	> 65 dB
<b>BLOCKING REJECTION</b>	-	> 80 dB	> 100 dB	> 100 dB	> 90 dB
<b>MODULATION FREQUENCY RESPONSE</b>	60 Hz - 15 kHz for FM	300 Hz - 3 kHz +1-3 dB	-6 dB per octave, 300 Hz - 3 kHz, +1-3 dB	-6 dB per octave, 300 Hz - 3 kHz, +1-3 dB	-6 dB per octave, 300 Hz - 3 kHz, +1-3 dB
<b>AUDIO OUTPUT POWER</b>	3 W x 2 @ 4 Ohms	2.5 W @ 8 Ohms 10% distortion	4 W (Ext.) into 4 Ohms speaker 2 W (Int.) into speaker	4 W (Ext.) into 4 Ohms speaker 2 W (Int.) into speaker	500 mW @ 8 Ohms
<b>AUDIO S/N</b>	> 45 dB	> 45 dB	> 45 dB	> 45 dB	> 40 dB
<b>CONDUCTED SPURIOUS EMISSION</b>	-	-65 dBm	< -70 dBm	< -70 dBm	< -70 dBm
<b>CURRENT CONSUMPTION</b>	Full vol: 1.2 A	Full vol: 660 mA Muted: 120 mA	Full vol: 700 mA Muted: 200 mA	Full vol: 700 mA Muted: 200 mA	Full vol: 130 mA Muted: 34 mA

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<b>DSC RECEIVER</b>					
<b>IF FREQUENCIES</b>	-	-	-	1st: 38.85 MHz 2nd: 455 kHz	-
<b>SENSITIVITY FOR 10<sup>-2</sup>BER</b>	-	-	-	< -119 dBm	-
<b>SPURIOUS REJECTION</b>	-	-	-	> 75 dB	-
<b>INTERMODULATION REJECTION</b>	-	-	-	> 73 dB	-
<b>BLOCKING REJECTION</b>	-	-	-	> 100 dB	-
<b>MECHANICAL</b>					
<b>DIMENSIONS</b>	164 (w) x 65 (h) x 58 (d) mm	164 (w) x 65 (h) x 70 (d) mm	164 (w) x 65 (h) x 75 (d) mm	164 (w) x 65 (h) x 75 (d) mm	63 (w) x 100 (h) x 30 (d) mm
<b>FLUSH MOUNTING BRACKETS</b>	MK001/002/600	MK001/002/600	MK001/002/600	MK001/002/600	N/A
<b>FLUSH MOUNTING DEPTH</b>	25 mm	40 mm	45 mm	45 mm	N/A
<b>WEIGHT</b>	360 g	450 g	585 g	585 g	180 g
<b>ENVIRONMENTAL</b>					
<b>TEMPERATURE RANGE</b>	-10°C to +60°C	-10°C to +60°C	-10°C to +60°C	-10°C to +60°C	-10°C to +60°C
<b>SHOCK &amp; VIBRATION</b>	-	-	MIL STD 810E, ETSI EN301 0245-1	MIL STD 810E, ETSI EN301 0245-1	-
<b>SOLAR RADIATION</b>	case UV stabilised	case UV stabilised	case UV stabilised	case UV stabilised	black ABS
<b>WATER &amp; DUST RESISTANCE</b>	IP55	IP55	IP67	IP67	IP54
<b>COMPASS SAFE DISTANCE</b>	200 mm	300 mm	300 mm	300 mm	200 mm
<b>EXTERNAL CONNECTIONS</b>					
<b>DC SUPPLY</b>	2 pin polarised socket	2 pin polarised socket	2 pin blade socket waterproof	2 pin blade socket waterproof	-
<b>MICROPHONE</b>	-	6 pin socket	6 pin socket	6 pin socket	3 pin speaker mic
<b>EXTERNAL SPEAKER</b>	3.5 mm x 2 mini phone jack	3.5 mm mini phone socket	3.5 mm phone socket	3.5 mm phone socket	-
<b>REMOTE HEAD</b>	-	-	-	4 pin plug	-
<b>GPS INTERFACE</b>	-	-	-	3 wire cable	-

Specifications are typical and are subject to change without notice or obligation. Overseas Channel Plans included.



# MARINE RADIOS

FUNCTIONALITY • INNOVATION • QUALITY

- ▶ **GR100**  
AM/FM/VHF MARINE BROADCAST RADIO
- ▶ **GX300**  
27MHz MARINE AND CB RADIO
- ▶ **GX600**  
VHF MARINE RADIO
- ▶ **GX600D**  
DSC VHF MARINE RADIO
- ▶ **RM600D**  
GX600D SECOND STATION OPTION
- ▶ **GX620**  
VHF MARINE HANDHELD RADIO

[www.gme.net.au](http://www.gme.net.au)

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

HEAD OFFICE: Locked Bag 2086 North Ryde N.S.W. 1670, Australia.  
Phone: +61 (0)2 9844 6666 Fax: +61 (0)2 9844 6600

SYDNEY: (02) 9879 8888 MELBOURNE: (03) 9798 0988 BRISBANE: (07) 3278 6444  
ADELAIDE: (08) 8234 2633 PERTH: (08) 9455 5744 AUCKLAND: (09) 274 0955



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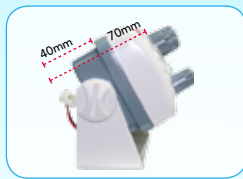
GME has engineered a comprehensive range of high performance marine radios to suit a variety of requirements. Using marine grade components throughout, this stylish range delivers superior performance providing many years of safety, pleasure and reliability.

No matter the application, whether it is a half-cabin run-about, large fly bridge cruiser, commercial work boat or cruising yacht. GME has a system to exceed your expectations.



# MARINE RADIOS

Through the combination of cutting edge digital technology and practical design expertise gained from decades of marine product development, GME delivers unrivalled quality and performance through the extensive and reliable marine radio range.



## ► GR 100 AM/FM/VHF MARINE BROADCAST RADIO

The GR100 is an extremely versatile unit. The standard AM receiver and FM stereo tuner provides entertainment and music while the 55 channel VHF marine receiver allows you to monitor coastal weather and safety services as well as your friends' VHF transmissions.

- Compact
- Ingress protected to IP55
- Six preset frequency memories per band
- Simple push-button controls
- Large backlit LCD display
- FM stereo reception
- Reverse polarity protection
- Static discharge protection at antenna input
- Optional flush mount kit
- Available in black or white

## ► GX300 27 MHz MARINE AND CB RADIO

The GX300 has a rugged die cast powder coated chassis which ensures maximum protection from the harsh marine environment. The slim design with flush mount option suits all installation requirements.

- Compact
- Ingress protected to IP55
- Marine and CB frequencies (user selectable)
- Large backlit LCD display
- Full channel scan
- Dual watch function
- Full function microphone
- Multiple mounting options
- Available in black or white



## ► GX600D VHF DSC MARINE RADIO

GX600D is a Class D DSC VHF Radio designed to operate in the 156-163 MHz Marine Band. Flexibility has been the focus with its compact size, extremely simple user interface plus the enhanced features and range of mounting/second station options.

- Exceeds Class D European specifications for DSC operation
- Compact
- Ingress protected to IP67
- Simple user interface, mobile phone style operating system
- Full function keypad microphone
- Chartplotter compatibility for tracking feature
- 2nd station remote option
- Multiple mounting options, backwards compatible with all GME radios.
- Available in black or white

## ► GX600 VHF MARINE RADIO

Designed to operate in the 156-163 MHz Marine Band, this VHF Radio is not only packed full of features, its compact design allows for easy installation into almost any panel mounting location in your flybridge or cabin.

- Compact
- Ingress protected to IP67
- User selectable International, USA and Canadian channel sets.
- Dual watch and triple watch with programmable priority channel.
- Programmable channel scanning
- 2 working channel memories
- Adjustable digital squelch
- Multiple mounting options, backwards compatible with all GME radio installations.
- Available in black or white



## ► RM600D SECOND STATION FOR GX600D

The RM600D remote unit, provides a remote head connection to allow operation of the GX600D from a second station on your vessel.

- Compact
- Ingress protected to IP67
- Repeats all functions of the GX600D
- Supplied with 5 m connection cable
- Multiple mounting options
- Available in black or white

## ► GX620 VHF MARINE HANDHELD RADIO

The GX620 is a fully featured, compact yet powerful addition to the GME VHF marine radio family. Hosting features that you would expect from a radio twice the price. Splash proof and solid die-cast construction ensure reliability in any marine environment.

- Complete International/USA and Canadian channel plans.
- Large, easy-to-read backlit LCD display
- 3/1 Watt switchable power
- Priority scan
- Splash proof to IP54
- Drop in style semi-quick charger
- Flexible antenna and carry case

## GX620 ACCESSORIES



Items shown not to scale

# ACCESSORIES

## ► GR 100



## ► GX300



## ► GX600/D



## ► GR 100/GX300/GX600/D

CVR001B/W CABIN COVERS



## ► RM600D

LE020 5 m EXTENSION CABLE