

MODEL SPECIFICATIONS

MARINE RADIOS	GR200	GX300	GX600	GX600D	GX620	GX660
GENERAL						
COMPLIES WITH SPECIFICATION	AS/NZS 61000.6.3:2007	AS4367 & AS/NZS4355	AS/NZS4415.2.2003	AS/NZS4415.1.2003 +ETSI EN 301 0245-1	AS/NZS4415.2.2003	AS/NZS4415.2.2003
FREQUENCY RANGE	LW,MW,SW,VHF, AM,FM	26 - 30 MHz	155 - 165 MHz	155 - 165 MHz	156.02C - 162.025 MHz	155.425 - 162.425 MHz
CHANNEL SET	Radio Broadcast Band and VHF Marine Band	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	Int, USA, CAN, GBR, SCA, HUN
CHANNEL SPACING	–	10 kHz	25 kHz	25 kHz	25 kHz	25 kHz
MODULATION	–	AM (A3E)	FM	FM	FM	FM
SUPPLY VOLTAGE RANGE	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	7.4 V DC, 1400 mAh Li-Ion Rechargeable battery
FREQUENCY STABILITY	–	< 50 ppm over temperature range	±1.5 kHz over temperature range	±1.5 kHz over temperature range	± 5.0 ppm over temperature range	+/- 1.5 kHz over temperature range
SWITCHING BANDWIDTH	–	> 4 MHz	> 10 MHz	> 10 MHz	–	–
DUAL WATCH	–	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	Yes
SCAN SPEED	100 ms/channel	5 ch/sec	10 ch/sec	10 ch/sec	10 ch/sec	10 Ch/sec
CURRENT PROTECTION	5 A 3 AG fuse	2 A 3 AG fuse	10 A 3 AG fuse	10 A 3 AG fuse	–	–
REVERSE POLARITY & OVER VOLTAGE PROTECTION	'hi dc' at 18 V, shutdown at 21 V	shunt diode & voltage regulator	shunt diode	shunt diode	–	–
FACIAL DIMENSIONS (MM)	164 x 65	164 x 65	164 x 65	164 x 65	63 x 100	63 x 137
TRANSMITTER						
POWER OUTPUT	–	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	High 5 W max, Low 1 W max
FREQUENCY DEVIATION	–	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	+/- 5 kHz max
MODULATION FREQUENCY RESPONSE	–	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	+6 dB per octave, 300 Hz-3 kHz, +1-3 dB
DEMODULATED S/N	–	> 45 dB weighted	> 50 dB weighted	> 50 dB weighted	> 40 dB weighted	> 40 dB weighted
CURRENT CONSUMPTION	–	1.6 A full modulation	High - 5 Amp Low - 850 mA	High - 5 Amp Low - 850 mA	High - 1.2 Amp Low - 550 mA	High - 1.2 Amp, Low-550 mA
RECEIVER						
IF FREQUENCIES	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	1st: 21.4 MHz 2nd: 450 kHz
SENSITIVITY	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	1 uV at 20 dB SINAD
SPURIOUS REJECTION	–	> 55 dB	> 70 dB	> 70 dB	> 60 dB	> 60 dB
INTERMODULATION REJECTION	–	–	> 73 dB	> 73 dB	> 65 dB	> 65 dB
BLOCKING REJECTION	–	> 80 dB	> 100 dB	> 100 dB	> 90 dB	> 80 dB
MODULATION FREQUENCY RESPONSE	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	-6 dB per octave, 300 Hz-3 kHz,+1-3 dB
AUDIO OUTPUT POWER	2 x 40 watts P-P	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	600 mW @ 24 Ohms
AUDIO S/N	> 45 dB	> 45 dB	> 45 dB	> 45 dB	> 40 dB	> 40 dB
CONDUCTED SPURIOUS EMISSION	–	< -26 dBm	< -36 dBm	< -36 dBm	< -26 dBm	< -26 dBm
CURRENT CONSUMPTION	Full vol: < 5 amps	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	Full vol: 150 mA Muted: 50 mA

MODEL SPECIFICATIONS

MARINE RADIOS	GR200	GX300	GX600	GX600D	GX620	GX660
GENERAL						
IF FREQUENCIES	–	–	–	1st: 38.85 MHz 2nd: 455 kHz	–	–
SENSITIVITY FOR 10 ³ BER	–	–	–	< -119 dBm	–	–
SPURIOUS REJECTION	–	–	–	> 75 dB	–	–
INTERMODULATION REJECTION	–	–	–	> 73 dB	–	–
BLOCKING REJECTION	–	–	–	> 100 dB	–	–
MECHANICAL						
DIMENSIONS	164 (w) x 65 (h) x 77 (d) mm	164 (w) x 65 (h) x 58 (d) mm	164 (w) x 65 (h) x 77 (d) mm	164 (w) x 65 (h) x 77 (d) mm	63 (w) x 100 (h) x 30 (d) mm	63 (w) x 137 (h) x 50 (d) mm
FLUSH MOUNTING BRACKETS	MK001/002/600	MK001/002/600	MK001/002/600	MK001/002/600	N/A	N/A
FLUSH MOUNTING DEPTH	45 mm	40 mm	45 mm	45 mm	N/A	N/A
WEIGHT	482 g	450 g	585 g	585 g*	180 g	285 g
ENVIRONMENTAL						
TEMPERATURE RANGE	-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	-15 deg C to + 55 deg C
SHOCK & VIBRATION	–	–	MIL STD 810E, ETSI EN301 0245-1	MIL STD 810E, ETSI EN301 0245-1	–	–
SOLAR RADIATION	case UV stabilised	case UV stabilised	case UV stabilised	case UV stabilised	black ABS	–
WATER & DUST RESISTANCE	IP55*	IP55*	IP67*	IP67*	IP54*	IPX7*
COMPASS SAFE DISTANCE	200 mm	300 mm	300 mm	300 mm	200 mm	200 mm
EXTERNAL CONNECTIONS						
DC SUPPLY	2 pin polarised socket	2 pin polarised socket	2 pin blade socket waterproof	2 pin blade socket waterproof	–	–
MICROPHONE	–	6 pin socket	6 pin socket	6 pin socket	3 pin speaker mic	–
EXTERNAL SPEAKER	3.5 mm x 2 mini phone jacks	3.5 mm mini phone socket	3.5 mm phone socket	3.5 mm phone socket	–	–
REMOTE HEAD	–	–	–	4 pin plug	–	–
GPS INTERFACE	–	–	–	3 wire cable	–	–
AUXILIARY INPUT	3.5 mm Jack	–	–	–	–	–

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

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MARINE RADIOS

GR200
AM/FM/VHF MARINE BROADCAST RADIO

GX300
27 MHz MARINE AND CB RADIO

GX600
VHF MARINE RADIO

GX600D
DSC VHF MARINE RADIO

RM600D
GX600D SECOND STATION OPTION

GX620
VHF MARINE HANDHELD RADIO

GX660
VHF MARINE HANDHELD RADIO

Accessories

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 radio to exceed your expectations.

MARINE RADIO RANGE

The combination of cutting edge digital technology and practical design expertise gained from decades of marine product development, enables GME to deliver unrivalled quality and performance through its extensive and reliable marine radio range.



GR200 AM/FM/VHF MARINE BROADCAST RADIO

The GR200 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.

- > Ingress protected to IP55*.
- > Six preset frequency memories per band.
- > Simple push-button controls.
- > Large backlit LCD display.
- > FM stereo reception.
- > 2 x 40 watts external speaker outputs.
- > Auxiliary audio input for MP3 player. (additional LE74 lead required).
- > Optional flush mount kit.
- > Receives FM/MW/LM/SW and VHF marine band.



GX300 27 MHz MARINE AND CB RADIO

The GX300 incorporates both 27 MHz Marine Band and 27 MHz CB transceivers. The unit has dual watch and channel scanning with memory functions, it also has a large LCD display incorporated into the slim design that can be either bracket or flush mounted.

- > Ingress protected to IP55*.
- > Marine and CB frequencies (user selectable).
- > Large backlit LCD display.
- > Full channel scan.
- > Dual watch function.
- > Multiple mounting options.

*Refer to website for details



GX600 VHF MARINE RADIO

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

- > 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.



GX600D VHF DSC MARINE RADIO

SECOND STATION REMOTE OPTION AVAILABLE

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 and second station options.

- > Exceeds Class D European specifications for DSC operation.
- > Ingress protected to IP67*.
- > Simple user interface, mobile phone style operating system.
- > Full function keypad / microphone.
- > 2nd station remote option.
- > Multiple mounting options, backwards compatible with all GME radios.
- > User selectable International, USA and Canadian channel sets.



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.

When connected, the RM600D can duplicate all functions of the GX600D. In addition it includes an intercom feature that allows internal communications between the GX600D and the RM600D.

- > Ingress protected to IP67*.
- > Repeats all functions of the GX600D.
- > Supplied with 5 m connection cable.
- > Multiple mounting options.
- > 2nd station remote option.
- > Intercom function.



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 sets.
- > 3/1 watt switchable power.
- > Large backlit LCD display and keys.
- > Dual watch and priority scan.
- > Splash proof to IP54*.
- > Drop in style semi-quick charger.
- > Flexible antenna and carry case.



GX660 VHF MARINE HANDHELD RADIO

The GX660 is a feature packed 5/1 watt IPX7 rated handheld VHF radio that floats. The unit has a large backlit LCD and large clearly labelled buttons. The GX660 is ideal for dinghies or tenders that need to keep in touch with the 'mother ship' or small boats that don't have electrical systems or sufficient space for a fixed mount radio.

- > Floats – self buoyant.
- > 5/1 watt switchable power.
- > Waterproof rating IPX7*.
- > Complete International/USA and Canadian channel sets.
- > Large backlit LCD display and keys.
- > Dual watch and priority scan.
- > Hi capacity 1400 mAh Li-Ion rechargeable battery.
- > 12 volt battery charger and belt clip included.

MARINE ANTENNAS

27 MHz



AE346H 1.8 m antenna
AE312H 600 mm antenna
AW364H 1.2 m whip
AW366H 1.8 m whip
AW368H 2.4 m whip

BROADCAST AM/FM AIS



AE346B 1.8 m antenna
AE312B 600 mm antenna
AW364B 1.2 m whip
AW366B 1.8 m whip
AW368B 2.4 m whip
AW364A 1.2 m whip

VHF



AE346V 1.8 m antenna
AE312V 450 mm antenna
AW364V 1.2 m whip
AW366V 1.8 m whip
AW368V 2.4 m whip
AE30 820 mm antenna
AE31 850 mm mast mount.

*AE312 range of antennas are ground dependant. The antenna needs to be in contact with a metallic surface greater than 0.5m².

GR200 ACCESSORIES



SPK001 B/W stereo speakers 160 mm diameter
SPK002W stereo speakers 182 mm diameter
SPK005W stereo speakers 109 x 96 mm
SPK006B/W stereo speakers 135 x 118 mm
LE74 lead assembly external audio

GX300 ACCESSORIES



SPK45W extension speaker
SPK45B extension speaker

GX600/D ACCESSORIES



SPK600B extension speaker
SPK600W extension speaker
LE020 5 m extension cable

GR200/GX300/GX600/D ACCESSORIES



MK600 flush mount bracket
CVR001 B/W cabin covers
MK001 B/W flush mount kit
MK002B/W flush mount kit

GX620 ACCESSORIES



MCO03 speaker mic
BCDO05 drop in charger
BCT005 240 V battery charger

ANTENNA BASES To be used with AW36xx range of detachable whips



ABLO12 double swivel rectangular base
ABLO13 single swivel rectangular base
ABLO14 double swivel round base
ABLO15 single swivel round base