

GME

INNOVATIVE ELECTRONICS

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

▶ ACCESSORIES



FUNCTIONALITY • INNOVATION • QUALITY

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

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.

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.

- Compact
- 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
- Available in black or white



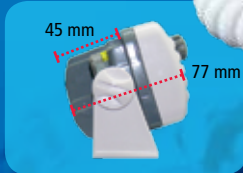
► GX300 27 MHz MARINE AND CB RADIO

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

www.gme.net.au

*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, 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

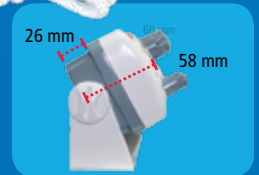


2nd Station
Remote Option
Available

▶ 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
- 2nd station remote option
- Multiple mounting options, backwards compatible with all GME radios.
- 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



MC003

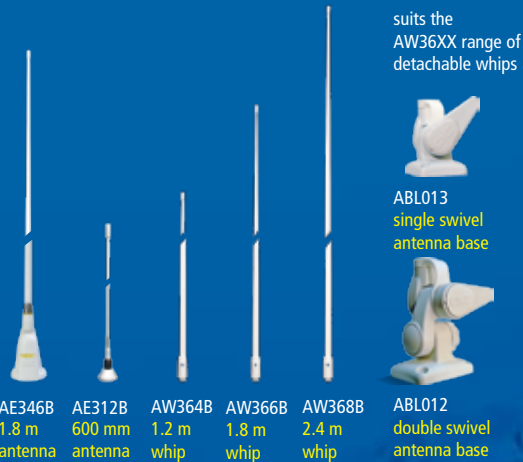
BCD005

BCT005

Items shown not to scale

ANTENNAS

▶ Broadcast AM/FM



AE346B
1.8 m
antenna

AE312B
600 mm
antenna

AW364B
1.2 m
whip

AW366B
1.8 m
whip

AW368B
2.4 m
whip

suits the
AW36XX range of
detachable whips



ABL013
single swivel
antenna base



ABL012
double swivel
antenna base

▶ 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

suits the
AW36XX range of
detachable whips



ABL013
single swivel
antenna base



ABL012
double swivel
antenna base

▶ VHF



AE346V
1.8 m
antenna

AE31
850 mm
mast mount

AW364V
1.2 m
whip

AW368V
2.4 m
whip

suits the
AW36XX range of
detachable whips



ABL013
single swivel
antenna base



ABL012
double swivel
antenna base

▶ AIS



AW364A
AIS whip

suits the AW36XX range of detachable whips



ABL012
double swivel
antenna base



ABL013
single swivel
antenna base

ACCESSORIES

▶ GR200



SPK001B/W
stereo speakers

SPK002B/W
stereo speakers



SPK005W
stereo speakers

LE74
lead

SPK006W
stereo speakers

▶ GX300



SPK45W
extension speaker

SPK45B
extension speaker

▶ GX600/D



SPK600B
extension speaker

SPK600W
extension speaker

▶ GR200/GX300/ GX600/D



MK600B/W
flush mount bracket

CVR001B/W
cabin covers



MK001B/W flush mount kit



MK002B/W flush mount kit

▶ RM600D

LE020 5 m extension cable

MODEL COMPARISON CHART

MARINE RADIOS	GR200	GX300	GX600	GX600D	GX620
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
FREQUENCY RANGE	LW,MW,SW,VHF,AM,FM	26 - 30 MHz	155 - 165 MHz	155 - 165 MHz	156.02C - 162.025 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
CHANNEL SPACING	-	10 kHz	25 kHz	25 kHz	25 kHz
MODULATION	-	AM (A3E)	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
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
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
SCAN SPEED	100 ms/channel	5 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	164 x 65	164 x 65	164 x 65	164 x 65	63 x 100
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
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
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
DEMODULATED S/N	-	> 45 dB weighted	> 50 dB weighted	> 50 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
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
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
SPURIOUS REJECTION	-	> 55 dB	> 75 dB	> 75 dB	> 65 dB
INTERMODULATION REJECTION	-	-	> 73 dB	> 73 dB	> 65 dB
BLOCKING REJECTION	-	> 80 dB	> 100 dB	> 100 dB	> 90 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
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
AUDIO S/N	> 45 dB	> 45 dB	> 45 dB	> 45 dB	> 40 dB
CONDUCTED SPURIOUS EMISSION	<-70 dB	-65 dBm	< -70 dBm	< -70 dBm	< -70 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

MODEL COMPARISON CHART

MARINE RADIOS	GR200	GX300	GX600	GX600D	GX620
DSC RECEIVER					
IF FREQUENCIES	–	–	–	1st: 38.85 MHz 2nd: 455 kHz	–
SENSITIVITY FOR 10 ⁻² BER	–	–	–	< -119 dBm	–
SPURIOUS REJECTION	–	–	–	> 75 dB	–
INTERMODULATION REJECTION	–	–	–	> 73 dB	–
BLOCKING REJECTION	–	–	–	> 100 dB	–
MECHANICAL					
DIMENSIONS	164 (w) x 65 (h) x 70 (d) mm	164 (w) x 65 (h) x 70 (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
FLUSH MOUNTING BRACKETS	MK001/002/600	MK001/002/600	MK001/002/600	MK001/002/600	N/A
FLUSH MOUNTING DEPTH	45 mm	40 mm	45 mm	45 mm	N/A
WEIGHT	482 g	450 g	585 g	585 g	180 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
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*
COMPASS SAFE DISTANCE	200 mm	300 mm	300 mm	300 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.

www.gme.net.au

A Division of:

Standard Communications Pty. Ltd.

HEAD OFFICE: Locked Bag 2086 North Ryde NSW. 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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