

# STANDARD HORIZON

Nothing takes to water like Standard Horizon

Fixed Mount VHF FM Marine Transceiver

# GX1300E

ULTRA COMPACT FIXED MOUNT CLASS D DSC VHF

**ECLIPSE** *ITU CLASS D*

- Affordable Compact Fixed Mount VHF radio
- Meets ITU-R M.493-13 Class D DSC
- Submersible IPX8 (1.5 m for 30 minutes)
- Built-in Separate Receiver for CH70 (Receiving DSC Calls)
- Easy to Operate Icon/Menu System (E20)
- Oversized Full Dot Matrix Display (31mm x 55 mm)
- GPS position and Time Shown on a Full Dot Matrix Display \*
- Preset key to Recall up to 10 Favorite Channels
- Programmable Scan, Priority Scan, and Multi Watch

\* when connected to an optional GPS

**IPX8**  
1.5 m for 30 min  
Submersible



\* White body color : Australian version only



## FEATURES

### Affordable and Ultra Compact Size Fixed Mount VHF radio

The GX1300E ECLIPSE is designed with an advanced die-cast chassis make this full functioning 25 Watt VHF radio the perfect choice for serious power and sail boaters alike.

( Switchable RF output power of 1 watt or 25 watts.)

### Oversized Full Dot Matrix Display

Designed with a large (31 x 55 mm) and bold LCD display there is no mistake the information. It makes great visibility in conditions where the radio cannot be mounted directly in front of you.

### IPX8 Submersible (1.5 m for 30 minutes)

Engineered for unparalleled reliability, the GX1300E is designed to survive submersion in 1.5 m of water for 30 minutes.

### DSC (Digital Selective Calling) Class D

The GX1300E is capable of DSC (Digital Selective Calling) Class D (independent Channel 70 receiver) operation which allows continuous receiving of Digital Selective Calling functions on channel 70 even if the radio is receiving a call.

### Programmable Scan and Multi Monitor

The GX1300E allows the user to select the scan type from Memory scan or Priority scan.

- "Memory scan" scans the channels that were programmed into memory.
- "Priority scan" scans the channels programmed in memory with the priority channel.

Multi Monitor is used to scan two or three channels for communications. When a signal is received on the normal channel the radio briefly switches between the normal channel and the priority channel to look for a transmission.

If the radio receives communications on the priority channel the radio stops and listens to the priority channel until communication ends and then starts dual or triple scan again.

## SUPPLIED ACCESSORIES

- DC Power Cord
- Mounting Bracket

## OPTIONAL ACCESSORIES

MLS-300  
External Speaker



MLS-310  
External Speaker  
with 10 W amplifier



Q7000619A  
External GPS antenna  
with 15 m of cable



HC1100  
Dust Cover



MMB-84  
Flush mount bracket



## SPECIFICATIONS

### General

Channels	All International, USA and Canadian
Channel Spacing	25 kHz
Frequency Stability	±3 ppm (-20 °C to +60 °C)
Emission Type	16K0G3E, 16K0G2B
Antenna Impedance	50 Ω
Supply Voltage	13.8 VDC ± 20 %
Current Consumption	1.0 A (Receive), 0.3 A (Standby) TX: 5.5 A / 1.5 A (TX: 25 W / 1 W)
Operating Temperature	-20 °C to +60 °C
Waterproof rating	IPX8 (1.5 m for 30 minutes)
Case Size (W x H x D)	155 x 60 x 150 mm
Weight (Approx.)	870 g

### Transmitter

Frequency Range (MHz)	Marine Band 156.025 MHz - 157.425 MHz
RF Output Power	25 W / 1 W
Maximum Deviation	±5 kHz
Spurious Emission	Less than 0.25 μW

### Receiver

Frequency Range (MHz)	Marine Band 156.050 MHz - 162.000 MHz
Circuit Type	Double-Conversion Superheterodyne
Sensitivity (12 dB SINAD)	0.25 μV
Adjacent Channel Selectivity	Better than 70 dB
Intermodulation	Better than 68 dB
AF Output	4.5 W

- User programmable soft keys for easy menu operation
  - DSC Distress, Individual, Group, All Ships, Position Request, Position Report and DSC test Call
  - GPS position and Time shown on a full dot matrix \*
  - Automatically Poll the GPS Position of up to 6 ships using DSC \*
  - NMEA 0183 Input and Output connections to a compatible NMEA devices
  - All International, USA and Canadian Marine channels
- \* when connected to an optional GPS

