STANDARD HORIZON

Nothing takes to water like Standard Horizon

Fixed Mount VHF FM Marine Transceiver

ECLIPSE ITUCLASSO

- Affordable Compact Fixed Mount VHF radio
- O Meets ITU-R M.493-13 Class D DSC



GX1300E

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 servive 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.

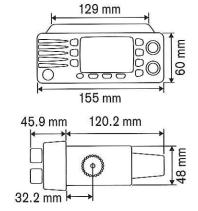
SPECIFICATIONS

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







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