



STANDARD HORIZON

25 Watt VHF FM Marine Transceiver  
**ECLIPSE DSC+**  
**GX1100E**

# FIXED MOUNT VHF TRANSCEIVERS



**IPX7**  
1 m for 30 min  
Submersible for the Front Panel

**Class D  
DSC Transceiver**

**CLEAR VOICE**<sup>®</sup>  
NOISE REDUCTION TECHNOLOGY



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**ECLIPSE DSC+**  
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## COMPACT AFFORDABILITY with DSC!

- Submersible JIS7 / IPX7 (1 m for 30 Minutes)
- Separate dedicated channel 70 receiver
- GPS Position and Time shown\* on a full dot matrix display
- DSC Distress, Individual, Urgency, Safety, Position Report and Request Functions
- Programmable Scan, Priority Scan, and Dual Watch
- NMEA in and output connections to a compatible GPS Chart Plotter
- Microphone capable of selecting 16 and 9, changing channels and H/L transmit power



\*When Attached to GPS Receiver

### CHANNEL NAMES AND GPS REPEATING

All the information you need right at your fingertips. Customizable channel naming allows you to easily change the channel name for greater ease of use and better channel recognition. Position, date, and time are also displayed when interfaced with a GPS receiver.

### Affordable Ultra Compact Class D Fixed Mount VHF radio

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 .

### Advanced features

Large easy to read LCD which displays LAT/LON or channel names, Programmable Scan, Priority Scan, and Dual Watch.

### Digital Selective Calling

Distress, All Ships, Individual, Position requesting and Position reporting with NMEA in/output to your favorite GPS Chart plotter.



### SPECIFICATIONS

GENERAL	
Input Voltage	12.0 V DC +30 %, -10 % (10.8 V-15.6 V)
Current Drain	Standby: 0.3 A,
	Receive: 1.0 A,
	Transmit: 5.5 A (Hi); 1.5 A (Lo)
Overall Dimensions	155 W x 60 H x 170 D mm
Flush-Mount Dimensions	131 W x 51 H x 170 D mm
Weight	920 g

TRANSMITTER	
RF Output	25 W (Hi) 1 W (Lo)
Conducted Spurious Emissions	Less than 0.25 $\mu$ V
Frequency Stability	$\pm$ 1.5 kHz (-15 $^{\circ}$ C to +55 $^{\circ}$ C)
FM Hum and Noise	50 dB

RECEIVER	
Sensitivity	12dB SINAD: 0.25 $\mu$ V
Selectivity	70 dB / Spurious and Image Rejection (TYP.)
	70 dB / Intermodulation and Rejection at 20 dB
Audio Output	4.5 W
DSC Format	ITU-R M.493
NMEA In/Out	Output: DSC and DSE
	Input: GLL, GGS, RMC and GNS

Standard Horizon reserves the right to make changes and enhancements to products at our discretion. Current specifications are therefore subject to change without notice.

### OPTIONAL ACCESSORIES

 <b>IPX7</b> 1 m for 30 min Submersible <b>MLS-300</b> External Speaker	 <b>IPX7</b> 1 m for 30 min Submersible <b>MLS-310</b> External Speaker with 10-Watt Amplifier	 <b>MMB-84</b> Flush-Mount Bracket
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VERTEX STANDARD CO., LTD.

4-8-8 Nakameguro, Meguro-ku, Tokyo 153-8644, Japan

For our latest product news, visit us on the Internet: <http://www.vxstd.com>

VERTEX STANDARD <http://www.vertexstandard.com>

US Headquarters Phone +1 714-827-7600

10900 Walker Street, Cypress, CA 90630, U.S.A.

YAESU UK LTD. <http://www.yaesu.co.uk>  
Email: [sales@yaesu.co.uk](mailto:sales@yaesu.co.uk)

Unit 12, Sun Valley Business Park, Winnall Close  
Winchester, Hampshire, SO23 0LB, U.K. Phone +44 196 286 6667

VERTEX STANDARD HK LTD. <http://www.vxstd.com.hk>

Unit 5, 20/F., Seaview Centre, 139-141 Hoi Bun Road, Kwun Tong, Kowloon, Hong Kong Phone +852 2732 2288

VERTEX STANDARD AUSTRALIA PTY. LTD.

Normanby Business Park, Unit 14/45 Normanby Road  
Notting Hill 3168, Victoria, Australia <http://www.vxstd.com.au>  
Phone +61 3 95182100

