



STANDARD HORIZON

25 Watt VHF FM Marine Transceiver

**ECLIPSE DSC**

**GX1000S**

## FIXED MOUNT VHF TRANSCEIVERS

**CLEARVOICE®**  
NOISE REDUCTION TECHNOLOGY



**IPX7**

3 ft for 30 min  
Submersible



## COMPACT AFFORDABILITY with DSC!

- Submersible construction 
- 25-Watt transmit power
- SC-101 DSC Digital Selective Calling with Position polling
- Position/Time or Channel name/Time shown on display
- Programmable Scan, Priority Scan, and Dual Watch
- Easy to use simple operation
- NMEA input and output
- Overall Dimension: 6.1" W x 2.4" H x 6.7" D
- Flush Mount Cutout: 5.2" W x 2.0" H

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### SPECIFICATIONS

#### GENERAL

|                        |                                                                        |
|------------------------|------------------------------------------------------------------------|
| Input Voltage          | 13.8 VDC $\pm 20\%$                                                    |
| Current Drain          | Standby: 0.3 A,<br>Receive: 1.0 A,<br>Transmit: 5.5 A (Hi); 1.5 A (Lo) |
| Overall Dimensions     | 6.1" W x 2.4" H x 6.7" D mm                                            |
| Flush-Mount Dimensions | 5.2" W x 2.0" H x 5.5" D mm                                            |
| Weight                 | 1.7 lbs                                                                |

#### TRANSMITTER

|                              |                                                                   |
|------------------------------|-------------------------------------------------------------------|
| RF Output                    | 25 W (Hi) 1 W (Lo)                                                |
| Conducted Spurious Emissions | 80 dB (Hi); 60 dB (Lo)                                            |
| Frequency Stability          | $\pm 0.0005\%$ ( $-4^{\circ}\text{F}$ to $+122^{\circ}\text{F}$ ) |
| FM Hum and Noise             | 50 dB                                                             |

#### RECEIVER

|              |                                                                                                              |
|--------------|--------------------------------------------------------------------------------------------------------------|
| Sensitivity  | 12dB SINAD: 0.25 $\mu\text{V}$                                                                               |
| Selectivity  | -70 dB / Spurious and Image Rejection (TYP.)<br>-70 dB / Intermodulation and Rejection at 12 dB SINAD (TYP.) |
| Audio Output | 4.5 W                                                                                                        |
| DSC Format   | RTCM SC-101                                                                                                  |
| NMEA In/Out  | GLL, GGS, RMC and GNS / DSC, DSE                                                                             |

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

### 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 and Ultra Compact Size

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.

### OPTIONAL ACCESSORIES

|                                                                                                                                                                                   |                                                                                                                                                                                                          |                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>IPX7</b><br/>3 ft for 30 min Submersible</p> <p><b>MLS-300</b><br/>External Speaker</p> |  <p><b>IPX7</b><br/>3 ft for 30 min Submersible</p> <p><b>MLS-310</b><br/>External Speaker with 10-Watt Amplifier</p> |  <p><b>MMB-84</b><br/>Flush-Mount Bracket</p> |
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