



# STANDARD HORIZON **GX1255S QUEST** VHF Marine Transceiver

- Noise Canceling
- Clear Voice Microphone
- Full Function DSC (Digital Selective Calling) Capability
- GPS Repeatability
- Submersible
- Channel Function Names
- Simple Programmable Dual Watch/Scan/Priority Scan

**CLEAR VOICE™**  
NOISE REDUCTION TECHNOLOGY



AVAILABLE IN BLACK



**GX1255S QUEST** 25 Watt VHF FM Marine Transceiver



*Nothing takes to water like Horizon!*

STANDARD HORIZON

The **QUEST** from **STANDARD HORIZON**-a new standard in DSC capable VHF at an economical price.

### CLEARVOICE NOISE REDUCTION TECHNOLOGY



The **STANDARD HORIZON QUEST** features an exceptional microphone that meets the same strict waterproof standards as the radio. The **QUEST** microphone includes **STANDARD HORIZON's** exclusive Clear-Voice Noise Reduction Technology, which eliminates unwanted background noises like engines and wind. The results are "Loud and Clear" transmissions that are heard and understood the first time.

Handy buttons on the rubber armored microphone provide convenient access to channels 16 and 9 and also have UP/DOWN channel selection.

### DIE-CAST CHASSIS MEANS RUGGED CONSTRUCTION WITH SUPERIOR RECEIVER PERFORMANCE

The **QUEST's** receiver is carefully wrapped in an interference-reducing die-cast chassis. The result is uncompromising receiver sensitivity, selectivity and rejection in a rugged housing that will take the abuse while operating on a boat.

### DIGITAL SELECTIVE CALLING

The **QUEST** meets the internationally recognized requirements for SC101 Digital Selective Calling. The **DISTRESS** function activates the unattended, continuous digital **MAYDAY** including vessel identification, Latitude/Longitude, and time. Additional DSC capabilities include the ability to send and receive **ALL SHIPS, INDIVIDUAL** and **URGENCY CALLS**. Finally, the **QUEST** is capable of responding to another vessels position request.

### GPS REPEATABILITY

When connected to a GPS position receiver, the **Quest** repeats latitude and longitude along with time and date on the radio display. This is an important convenience should it be necessary to communicate your vessels position in time of urgency.

### SUBMERSIBLE

Building a submersible radio is no simple task! The **QUEST** is wrapped in a watertight case with conspicuous gasketing. The radio and all of its connections pass a rigid JIS standard for submersion. The result is a radio that will keep on talking even after a full drenching.

### CHANNEL FUNCTION NAMES, NOAA WEATHER ALERT AND FULL SCANNING CAPABILITIES

Don't know what a specific channel should be used for, the **QUEST** identifies on its huge display the function each channel is intended for. The main purpose for marine VHF is safety. Program the active weather channel into scan and the **QUEST** can intercept frequency-encoded regional emergency weather alerts to advise you of pending danger. In addition the **QUEST** is capable of monitoring one user selected channel with 16 priority (**DUAL WATCH**) or scanning any number or combination of channels with or without a priority channel (**SCAN, PRIORITY SCAN**).

### HUGE LCD

Visibility is no problem with an enormous LCD window with tall, wide digits and obvious information flags that are easy to identify. The LCD and keypad feature 3-step backlighting and 7 steps of LCD contrast adjustment.



### INTREP ID+ OPTIONS



**CMB16**  
Flush mount kit



**101S**  
Mini audio extension speaker in black or white.

**201S/201SBK**  
Audio extension speaker in black or white.

**201SZ/201SBKZ**  
Flush mount audio extension speaker in black or white.

### SPECIFICATIONS

General	
Channels	All USA, International and Canadian
Input Voltage	13.8 VDC ±20 %
Current Drain	
Standby	0.5 A
Receive	1.5 A
Transmit	5.0 A (Hi); 1.5 A (Lo)
Dimensions	2-1/2" H x 6-5/16" W x 6-5/16" D (64 H x 160 W x 160 D mm)
Flush-Mount Dimensions	2" H x 5-5/16" W x 5-1/8" D (50 H x 136 W x 130 D mm)
Weight	2.2 lbs (1 kg)
Transmitter	
Frequency Range	156.025 to 157.425 MHz
RF Output	25 W (Hi); 1 W (Lo)
Conducted Spurious Emissions	80 dB (Hi); 60 dB (Lo)
Audio Response within pre-emphasis characteristic	+1/-3 of a 6 dB/octave at 300 to 3000 Hz
Audio Distortion	5 %
Modulation	16K0G3E, for DSC 16K0G2B
Frequency Stability	(-20° C to +50° C) ±0.0005 %
FM Hum and Noise	50 dB
Receiver	
Frequency Range	156.050 to 163.275 MHz
Sensitivity	
20 dB Quieting	0.35 µV
12 dB SINAD	0.25 µV
Squelch Sensitivity (Threshold)	0.13 µV
Modulation Acceptance Bandwidth	±7.5 kHz
Selectivity Spurious and Image Rejection	-70 dB
Intermodulation and Rejection	at 12 dB SINAD -70 dB
Audio Output	4 W

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

### A FAMILY OF COSMETICALLY MATCHED CHOICES

The **QUEST** is one member of the family of marine electronics from **STANDARD HORIZON** that includes:  
**DIGITAL INSTRUMENTS**      **GPS CHART PLOTTERS**

