



# STANDARD HORIZON **GX1270S INTREPID+** VHF Marine Transceiver

**Dual Station Capability (Optional RAM Mic)**

**Optional Voice Scrambler**

**Digital Selective Calling (RTCM SC-101)**

**MariTEL DSC Telephone Capable**

**Speaker Microphone with Noise Canceling  
Clear Voice Technology**

**Huge Backlit Keys and Display that Indicates  
Date/Time, Vessel Position, SOG and COG**

**Channel Name Capability**

**NOAA Weather Alert**



Optional RAM Mic  
Available in white



Available in Black

**GX1270S INTREPID+** 25 Watt VHF FM Marine Transceiver



*Nothing takes to water like Horizon!*

STANDARD HORIZON

Everything you expect in a STANDARD HORIZON VHF and more. Producing the full legal limit of 25 watts, the INTREPID+ has all available U.S., Canadian and International marine channels plus 10 dedicated weather channels. Each channel group is separated to avoid the possibility of inadvertent channel selection. For mariners that require secure communications; the INTREPID+ can be fitted with an optional voice scrambler.

### SPEAKER MIC WITH NOISE CANCELING CLEAR VOICE TECHNOLOGY

The Horizon INTREPID+ utilizes an exceptional microphone that meets the same strict waterproof standards as the radio. INTREPID+ features Clear Voice Noise Canceling Technology that eliminates unwanted background noises from engines and wind. This assures transmissions are crystal clear. Handy buttons on the rubber armored microphone provide convenient access to channels 16 and 9 plus up/down channel selection. INTREPID+'s receiver is carefully wrapped in an interference protective die-cast chassis. The result is a radio with uncompromising receiver sensitivity, selectivity and rejection.



### DIGITAL SELECTIVE CALLING - RTCM SC-101

The INTREPID+ meets the internationally recognized requirements for RTCM SC-101 Digital Selective Calling. With the INTREPID+, it is easy for you to exchange position data with a fellow cruiser or fisherman with its POSITION REQUEST or POSITION SEND functions. When connected to a STANDARD HORIZON GPS Chart plotter these positions are actually shown on the display. So you know exactly where your buddy is catching the big ones. Should you ever need to notify all of the vessels of a commercial fleet or towing service the GROUP CALL feature makes it simple.

### MariTEL DSC TELEPHONE

Working with MarTEL "The Marine Telephone Company" we have included the DSC telephone function that allows you to send and receive telephone calls up to 50 miles from shore. MariTEL offers free calls to towing companies and other benefits when you subscribe to the service.



### GPS REPEATABILITY

Available when connected to a STANDARD HORIZON Chart Plotter or any GPS Position Receiver, the INTREPID+ repeats Date/Time, Latitude/Longitude, SOG and COG on the LCD. This is a handy way of knowing your position when the radio and GPS are at different locations.

### SUBMERSIBLE

Building a submersible radio is no simple task! Standard Horizon utilizes a high impact, non-corrosive case, display lens, conspicuous waterproof gasketing, waterproof connectors and internal circuit boards protected with HumiSeal moisture barrier. Engineered for unparalleled reliability, the Horizon INTREPID+ exceeds stringent JIS waterproof Standards.

### COMPLETE CHANNEL COVERAGE & CONVENIENCE

The INTREPID+ features 10 NOAA Weather channels including Weather Alert, which warns you of impending foul weather. Also included are all US, International and Canadian channels. Programmable scanning and CH16 Priority Scanning are easily programmed into the radio with one button MEM key operation. For convenience, the INTREPID+ has a CH16/9 key that allows direct access to the USCG distress and calling channels.

### HUGE LCD DISPLAY

Visibility is enhanced with a huge LCD window with tall, wide digits and obvious information flags with preprogrammed channel names which are customizable by the user. The LCD and keypad feature 3-step backlighting and 7 steps of LCD contrast.



### INTREPID+ OPTIONS



**CMP23**  
Full remote microphone  
available in black



**CMB16**  
Flush mount kit

**CAW23**  
10 foot extension  
cable

**CVS2500**  
4 code voice  
scrambler



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

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

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

### SPECIFICATIONS

General	
Type Acceptance	FCC Part 80
FCC Approval #	K66GX1270S
Industry Canada Type Approval	5118122202AV
No. of Channels	All USA/Canada/Int'l
Frequency Range	156.025-163.275 MHz
Input Voltage	13.8 VDC ± 20%
Current Drain:	
Standby	0.5A
Receive	1.5A
Transmit	6 A @ High, 1.7 A @ Low
Dimensions	5.75" H x 2.25" W x 5" D 146 (H) x 57 (W) x 127 (D) mm
Flush-Mount Dimensions	2.06" H x 5.25" W x 5" D 53 (H) x 134 (W) x 127 (D) mm
Weight	1.68 lbs (0.76 kg)
Transmitter	
Output Power	25/1 Watts
Spurious Emissions	-65 dB High; 50 dB Low
Modulation	16K0F3E, 16K0G3E for DSC
Frequency Stability	± 10 ppm
FM Hum and Noise	-40 dB
Receiver	
Sensitivity:	
20dB Quieting	0.35 μV
12dB SINAD	0.30 μV
Squelch Sensitivity (Threshold)	0.20 μV
Adjacent Channel Selectivity	-70 dB
Spurious and Image Rejection	-70 dB
Intermodulation and rejection	-70 dB
Audio Output	4 Watts
Frequency Stability	± 10 ppm, -14° F to +122° F (-20° to +50° C)
Channel Spacing	25 kHz

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 INTREPID+ is one member of the family of marine electronics from STANDARD HORIZON that includes:

DIGITAL INSTRUMENTS

GPS CHART PLOTTERS

