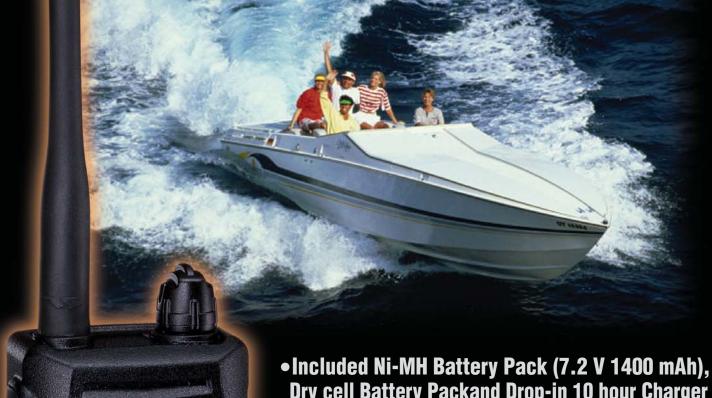


STANDARD HORIZON

# **Submersible** arine Transceiver



- Dry cell Battery Packand Drop-in 10 hour Charger with AC and DC Power Cable
- Submersible (3 feet for 30 minutes)
- •5 Watts Transmit Power
- Highly Legible LCD with Automatic back light
- NOAA Weather Alert, Scanning, Dual Watch and more

**Supplied** with



Actual Size \*Simulated LCD display

PRESET

MEM







### Features you expect and unique functions

The HX270S has all USA, Canadian and International VHF marine channels, one button dedicated to selecting distress channel 16 and hailing channel 9 programmable scan any number of channels, channel 16 dual watch, and NOAA Weather channels and Weather alert. The PRESET key allows you to easy recall 8 of your most used channels. Additionally, an easy to see battery life indicator on the LCD warns you when the battery needs recharging.

### **Huge LCD and Large digits**

Visibility is enhanced with an enormous LCD window with tall wide digits and bold information flags that are easy to identify. The LCD and key pad are backlit for best view ability at night.



### **Accessories**

The accessories supplied with the Standard Horizon HX270S are unmatched; a 1400mAh Nickel Metal Hydride battery that will last over 16 hours (5/5/90 duty cycle) when transmitting at 5W. Also included is a waterproof alkaline battery tray, 12VDC Charger, 110VAC changer and a desk top drop-in cradle to charge the radio on shore or on your boat.

## Submersible (3 Feet for 30 minutes)

Engineered for unparallel reliability, the HX270S is designed to survive submersion of 3 Feet of water for 30 minutes. The HX270S utilizes a high impact non-corrosive case, display lens and waterproof gasketing. Engineered for unparalleled reliability, the HX270S exceeds JIS Standards for 3 Feet for 30 minutes.

#### It's built better so backed better

Because the HX270S is built better, it's back better. If your Standard Horizon HX270S ever fails for any reason including water damage during normal use in the first three years, STANDARD HORIZON will repair or replace it free, without hassle or charges period! If it fails thereafter in normal use it for the life time of the product it is covered by Standard Horizon's Lifetime Flat Rate Service Program.



# STANDARD HORIZON

Marine Division of Vertex Standard US Headquarters 10900 Walker Street, Cypress, CA 90630 Phone: 714/827-7600

Phone: 714/827-7600 Fax 800/552-6813

Email: marinetech@vxstdusa.com Web: www.standardhorizon.com



**OPTIONAL ACCESSORIES** 





VAC-370 Rapid Charger

E-DC-6 12V Cable Without Adaptor Plug

#### INCLUDED ACCESSORIES

FNB-83 Rechargeable Battery Pack

NC-88B 120 VAC Charger CD-26 Charger Cradle

E-DC-19A Cable With Cigar Lighter Plug
FBA-25A Dry cell Battery Pack
CLIP-14 Quick Draw Belt Clip

#### **SPECIFICATIONS**

| of Edit IdaTioNo  |   |
|---|---|
| General   |   |
| Frequency Range (MHz)   | 156 MHz - 163.275 MHz (Marine Band + WX Band)   |
| Channel Steps   | 25 kHz  |
| Frequency Stability   | ±2.5 ppm (-22° F to +140° F [-30° C to +60° C]) |
| Emission Type   | 16K0G3E, 16K0F3E                                |
| Antenna Impedance   | 50 Ohms   |
| Supply Voltage  | 7.2 VDC   |
| Current Consumption   | 200 mA (Receive)                                |
|   | 40 mA (Standby)                                 |
|   | TX: 1.4 A (H)/0.9 A (M)/0.5 A (L)               |
| Operating Temperature   | −22° F to +140° F (−30° C to +60° C)            |
| Waterproof rating:  | 30 minutes @ 1 meter depth (JIS 7)              |
| Case Size (W x H x D)   | 2.3" x 3.7" x 1.2" (58 x 120 x 30.5 mm)         |
| Weight (Approx.)  | 13.4 oz. (380 g) with FNB-83                    |
| Transmitter   |   |
| RF Output Power   | 5 W / 2.5 W / 1 W @7.2 V                        |
| Modulation Type   | Variable Reactance                              |
| Maximum Deviation   | ±5 kHz  |
| Spurious Emission   | At least 73 dB below                            |
| Microphone Impedance  | 2 k-Ohm   |
| Receiver  |   |
| Circuit Type  | Double-Conversion Superheterodyne               |
| Intermediate Frequencies  | 1st: 21.7 MHz                                   |
|   | 2nd: 450 kHz                                    |
| Sensitivity   | 0.25 μV 12 dB SINAD                             |
| Adjacent Channel Selectivity  | 70 dB   |
| Intermodulation response  | 70 dB   |
| Selectivity   | 12 kHz / 25 kHz (-6 dB / -60 dB)                |
| AF Output   | 600 mW @ 16 Ohm for 10 % THD (@7.2 V)           |
| Standard Harizan reserves the right to make changes and enhancements to products at our dispretion. Current |   |

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 HX270S is one member of the family of marine electronics from STANDARD HORIZON that includes:

