



STANDARD HORIZON

Submersible  
VHF/FM Marine Transceiver

# HX370S



STANDARD HORIZON



- Includes Long Life Ni-MH Battery Pack (7.2V 1400 mAh), Alkaline Battery Case, and Drop-in 10-Hour Charger with AC and DC Power Cables
- Submersible (3 feet for 30 minutes)
- 5 Watts Transmit Power
- Highly Legible LCD with Automatic Back-light
- High Intensity SOS Strobe Light
- NOAA Weather Alert, Scanning, dual Watch, and More!
- 40 Dealer Programmable LMR channels with CTCSS or DCS signaling (Appropriate license is required)
- Intrinsically Safe version HX370SAS available

**Supplied with**



**MARINE**

**VHF LMR**

Actual Size  
\*Simulated LCD display

**Smaller, Lighter, unique functions and included accessories..... your look for a submersible Portable VHF is over.**

### VHF Marine and Dealer Programmable LMR channels

The HX370S is factory programmed with all USA, Canadian International and NOAA Weather channels. It also has the capability to be programmed with 40 Land Mobile Radio (LMR) channels with CTCSS or DCS signaling by a Standard Horizon dealer. These channels do require the appropriate FCC license.

### Features you expect and unique functions

The HX370S has NOAA weather alert capability, when activated warns you of impending severe weather by audibly alerting you to switch to the active weather channel. Scanning is a breeze, the HX370S can be programmed to scan any number of channels with other without priority to channel 16. And also includes Dual Watch. The unique PRESET key allows you to easy recall 8 of your most used channels. An oversized LCD has channel names to inform you of the use of each selected channel. The submersible jack on the top of the HX370S allows connection of optional headset or speaker microphones.

### Included battery accessories

Standard Horizon supplies the HX370S with a 1400mAh Nickel Metal Hydride battery that will last over 18 hours (5/5/90) when transmitting on high power. Also included is a waterproof alkaline battery tray, 12 VDC Charger, 110 VAC changer and a desk top drop-in cradle to charge the radio on shore or on your boat. Additionally, an easy to see battery life indicator on the LCD warns you when the battery needs recharging.

### High Intensity Distress strobe light

The high intensity strobe light emits the internationally recognized SOS signal that can be seen over 1 mile away at night... another **STANDARD HORIZON** first!



### Submersible (3 feet for 30 minutes)

Engineered for unparalleled reliability, the HX370S is designed to survive submersion in 3 Feet of water for 30 Minutes.

### It's built better so backed better

Because the HX370S is built better, it's back better. If your Standard Horizon HX370S 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.

#### Intrinsically Safe Information

The HX370SAS, equipped with any of the following optional units, meets the requirements of ANSI/UL913 6th Edition for Class I, Division 1, Groups A-D; Class II, Groups E-G; and Class III for hazardous locations.

Battery pack: FNB-V57IS

Speaker Microphone: CMP460

Voice Scrambler Unit: FVP-31

•Substitution of components may impair intrinsic safety.



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#### OPTIONAL ACCESSORIES



**CMP460**  
Noise Canceling  
Waterproof Speaker/  
Microphone



**MH-57A4B**  
Speaker/  
Microphone



**VC-24**  
VOX Headset



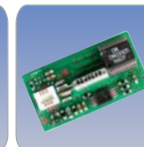
**VC-27**  
Ear piece /  
Microphone



**VAC-370B**  
Rapid Charger



**E-DC-6**  
12V Cable Without  
Adapter Plug



**FVP-31**  
Encryption Unit

**CT-32**  
Clone Cable

**CE-68**  
PPS Software

**CT-111**  
Cable SET for  
CE68

**CAW230**  
Radio-to-Ship's-  
Antenna Adapter

#### 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

##### General

Frequency Ranges: 156 MHz - 163.275 MHz (Marine Band + WX Band)  
Channel Steps: 25 kHz

137 MHz - 174 MHz (LMR)

Channel Steps: 12.5 / 25 kHz

Frequency Stability:  $\pm 2.5$  ppm ( $-22^{\circ}$  F to  $+140^{\circ}$  F [ $-30^{\circ}$  C to  $+60^{\circ}$  C])

Emission Type: 16K0G3E, 16K0F3E, 11K0F3E

Antenna Impedance: 50 Ohms

Supply Voltage: 7.2 VDC

Current Consumption: 200 mA (Receive)

40 mA (Standby, Saver Off)

TX: 1.4 A (H)/0.9 A (M)/0.5 A (L)

Operating Temperature:  $-22^{\circ}$  F to  $+140^{\circ}$  F ( $-30^{\circ}$  C to  $+60^{\circ}$  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 Power Output: 5 W / 2.5 W / 1 W @7.2 V

Modulation Type: Variable Reactance

Maximum Deviation:  $\pm 5$  kHz (Wide)

$\pm 2.5$  kHz (Narrow)

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  $\mu$ V 12 dB SINAD

Adjacent Channel Selectivity: 70 dB

Intermodulation response: 70 dB

Selectivity: 12 kHz / 25 kHz ( $-6$  dB /  $-60$  dB) (Wide)

6 kHz / 18 kHz ( $-6$  dB /  $-60$  dB) (Narrow)

AF Output: 600 mW @ 16 Ohm for 10 % THD (@7.2 V)

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 HX370S is one member of the family of marine electronics from STANDARD HORIZON that includes:

##### DIGITAL INSTRUMENTS



##### VHF RADIOS



##### GPS CHART PLOTTERS

