



STANDARD HORIZON

Submersible
VHF/FM Marine Transceiver

HX370S



- 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
- Waterproof IPX7 (1 meter for 30 minutes)
- 5 Watts Transmit Power
- Highly Legible LCD with Automatic Back-light
- High Intensity SOS Strobe Light
- Scanning, Dual Watch, and More!
- 40 Dealer Programmable LMR (Land Mobile Radio) channels with CTCSS or DCS signalling (Appropriate license is required)
- Intrinsically Safe version HX370SAS available

Supplied
with



CD-26
Charger Cradle



E-DC-19A
Cable With Cigar Lighter Plug



FNB-83
Rechargeable Battery Pack



CLIP-14
Quick Draw Belt Clip



NC-88C
230 VAC Charger



FBA-25A
Dry cell Battery Pack

* Except for IS version

*Simulated LCD display

Actual Size

MARINE

VHF LMR

IPX7
Waterproof

Smaller and Lighter, with unique functions and many accessories ...
your search for a submersible Portable VHF is over.

VHF Marine and Dealer Programmable LMR channels

The HX370S is factory programmed with International Marine channel. It also has the capability to be programmed with 40 Land Mobile Radio (LMR) channels with CTCSS or DCS signaling by a dealer. These channels do require the appropriate license.

Features you expect and Unique Functions

The HX370S can be programmed to scan any number of channels with or without priority to channel 16 and also includes Dual Watch. The unique PRESET key allows you to easily recall 8 of your most used channels. A large clear LCD uses 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 Long Life Battery and Accessories

Standard Horizon supplies the HX370S with a 1400 mAh Nickel Metal Hydride battery that will last over 14 hours (5/5/90) duty cycle (TX/RX/Standby) when transmitting on high power. Also included is a waterproof alkaline battery tray, 12 VDC Charger, 230 VAC charger 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 km away at night... another **STANDARD HORIZON first!**



IPX7 Submersible (1 m for 30 minutes)

Engineered for unparalleled reliability, the HX370S is designed to survive submersion in 1 meter of water for 30 Minutes.

INTRINSIC SAFETY (IS) INFORMATION

The **HX370SAS**, equipped with any of the following optional units, meets the requirements of ANSI/UL 913 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.

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:	±2.5 ppm (-30° C to +60° 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:	-30° C to +60° C
Waterproof rating:	30 minutes @ 1 meter depth (IPX7)
Case Size (W x H x D):	58 x 120 x 30.5 mm
Weight (Approx.):	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:	±5 kHz (Wide)
	±2.5 kHz (Narrow)
Spurious Emission:	At least 73 dB down
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) (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.

OPTIONAL ACCESSORIES



CMP460
Noise Cancelling
Waterproof Speaker/Microphone



MH-57A4B
Speaker/Microphone



VC-24
VOX Headset



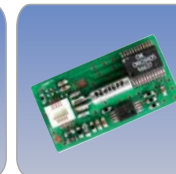
VC-27
Ear piece / Microphone



VAC-370C
230 VAC
Rapid Charger



E-DC-6
12V Cable Without
Adapter Plug



FVP-31
Encryption Unit

CT-32
Clone Cable
CE68
PPS Software
CT-111
Cable SET for
CE68
CAW230
Radio-to-Ship's-
Antenna Adapter

INCLUDED ACCESSORIES

FNB-83*1 Long Life Rechargeable Battery Pack 1400 mAh
CD-26 Charger Cradle
E-DC-19A*2 Cable With Cigar Lighter Plug
NC-88C 230 VAC Charger
FBA-25A*2 Dry cell Battery Pack
CLIP-14 Quick Draw Belt Clip

*1 For HX370SAS (IS Version)
FNB-V57IS 7.2 V 1100 mAh Ni-Cd Battery Pack
*2 Except for IS Version


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