



STANDARD HORIZON

Submersible  
VHF/FM Marine Transceiver

**HX370E**



MARINE

VHF PMR

Actual Size

\*Simulated LCD display



- 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 (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 PMR (Private Mobile Radio) channels with CTCSS or DCS signalling  
Appropriate license is required)
- Intrinsically Safe version HX370EAS available

(Pending NOT ATEX)

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/U  
230 VAC Charger  
U for 230 VAC-UK plug



FBA-25A  
Dry cell Battery Pack

\* Except for IS version

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

### VHF Marine and Dealer Programmable PMR channels

The HX370E is factory programmed with International Marine channels. It also has the capability to be programmed with 40 Private Mobile Radio (PMR) channels with CTCSS or DCS signalling by a Standard Horizon dealer. These channels do require the appropriate license.

### Features you expect and unique functions

The HX370E 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 HX370E allows connection of optional headset or speaker microphones.

### Included battery accessories

Standard Horizon supplies the HX370E with a 1400mAh Nickel Metal Hydride battery that will last over 18 hours (5/5/90) duty cycle (TX/RX/Standby) when transmitting on high power. Also included is a waterproof alkaline battery tray, 12VDC 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!**



### Submersible (1 m for 30 minutes)

Engineered for unparalleled reliability, the HX370E is designed to survive submersion in 1 meter of water for 30 Minutes.

#### Intrinsically Safe Information (Pending)

Standard Horizon VHF FM Marine Radio, Model HX370EAS with IS battery pack, and the optional Noise-cancelling waterproof Speaker microphone, Model CMP460 meet the requirements of ANSI/UL 913-6th Ed. for Division 1, Class 1, Groups C & D, Class II, Groups E, F & G, and Class III for hazardous locations. (Not ATEX)

## SPECIFICATIONS

### General

Frequency Ranges:	156 MHz - 163.275 MHz (Marine 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 (JIS 7)
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 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) (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



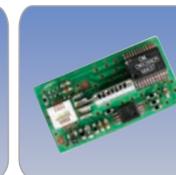
**VC-27**  
Ear piece / Microphone



**VAC-370C**  
230 VAC  
Rapid Charger



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



**FVP-31**  
Encryption Unit

**CT-32**  
Clone Cable  
**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-88C/U\*** 230 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

\*U for 230 VAC-UK plug



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