



STANDARD HORIZON

**Submersible
VHF Marine Transceiver**

HX270E



- Included Ni-MH Battery Pack (7.2 V 1400 mAh), Dry cell Battery Pack and 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

Supplied with



Actual Size

*Simulated LCD display



Features you expect and unique functions

The HX270E has all USA, Canadian and International VHF marine channels, one button dedicated to selecting distress channel 16 and hailing channel 9 programmable scan of any number of channels, channel 16 dual watch. The PRESET key allows you to easily 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 HX270E are unmatched; a 1400 mAh Nickel Metal Hydride battery that will last over 16 hours (5/5/90 duty cycle) when transmitting at 5 W. Also included is a waterproof alkaline battery tray, 12 VDC Charger, AC charger 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 unparalleled reliability, the HX270E is designed to survive submersion of 3 Feet of water for 30 minutes. The HX270E utilizes a high impact resistant non-corrosive case, display lens and waterproof gasketing. Engineered for unparalleled reliability, the HX270E exceeds JIS Standards for submersion to 3 Feet for 30 minutes.

SPECIFICATIONS

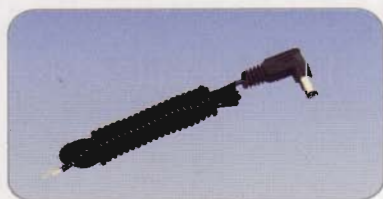
General	
Frequency Range (MHz)	156 MHz - 163.275 MHz (Marine Band)
Channel Steps	25 kHz
Frequency Stability	±5 ppm (-30° C to +60° C)
Emission Type	16K0G3E
Antenna Impedance	50 Ohms
Supply Voltage	7.2 VDC
Current Consumption	200 mA (Receive) 40 mA (Standby) TX: 1.4 A (H)/0.9 A (M)/0.5 A (L)
Operating Temperature	-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 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	0.35 µV 20 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)

Vertex Standard reserves the right to make changes and enhancements to products at our discretion. Current specifications are therefore subject to change without notice.

OPTIONAL ACCESSORIES



VAC-370C/U*
230 VAC Rapid Charger



E-DC-6
12V Cable Without Adapter Plug

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

*C for 230 VAC/U for 230 VAC-UK plug



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