



STANDARD HORIZON

Submersible
VHF FM Marine Transceiver

HX280E



- Selectable 5/1 W transmit power output
- 700 mW Loud speaker audio
- IPX7 Submersible to 1 m for 30 minutes
- Supplied with 1650 mAh Li-Ion battery, AC chargers & cradle
- Huge channel display
- Programmable scanning/Dual Watch
- Low Battery Indicator
- Preset key used to recall up to 10 favorite channels
- Key lock



5W
Transmit
Power



SUBMERSIBLE
IPX7



LARGE
DISPLAY



LOUD AUDIO



COMPACT AND
LIGHT-WEIGHT



LARGE
BUTTONS



1650 mAh
Li-ion
Battery
Included



AC Charger
Included



Optional Alkaline
Battery Case
Available



Programmable Scan
Priority Scan
Dual Watch

**Supplied
with**



FNB-V105LI
Rechargeable Battery Pack

NC-90C/U*
Overnight Charger

CD-46
Charger Cradle

CAT460
Antenna

Belt Clip

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



IPX7
1 m for 30 min
Submersible

Actual Size
*Simulated LCD display

Features you Expect and Unique Functions

The HX280E 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 10 of your most used channels. Additionally, an easy to see battery life indicator on the LCD warns you when the battery needs recharging.

Huge channel display

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.



Supplied with 1650 mAh Li-Ion battery, AC chargers & cradle

The accessories supplied with the Standard Horizon HX280E are unmatched; a 1650 mAh Li-ion battery that will last over 13 hours (5/5/90 duty cycle) when transmitting at 5 W. AC charger and a desk top drop-in cradle to charge the radio on shore or on your boat.

IPX7 Submersible (1 meter for 30 minutes)

Engineered for unparallel reliability, the HX280E is designed to survive submersion of 1 meter of water for 30 minutes. The HX280E utilizes a high impact resistant non-corrosive case, display lens and waterproof gasketing. Engineered for unparallel reliability, the HX280E exceeds IPX7 Waterproof for submersion to 1 meter for 30 minutes.

SPECIFICATIONS

General	
Frequency Range (MHz)	156.025 MHz - 162.000 MHz (Marine Band)
Channel Steps	25 kHz
Frequency Stability	±5 ppm (-20° C to +60° C)
Emission Type	16K0G3E
Antenna Impedance	50 Ohms
Supply Voltage	7.4 V DC
Current Consumption	320 mA (Receive) 50 mA (Standby) TX: 1.6 A (H)/0.7 A (L)
Operating Temperature	-20° C to +60° C
Waterproof rating:	30 minutes @ 1 meter depth (IPX7)
Case Size (W x H x D)	56 x 133 x 27.5 mm
Weight (Approx.)	310 g with FNB-V105LI
Transmitter	
RF Output Power	5 W / 1 W @ 7.4 V
Modulation Type	Variable Reactance
Maximum Deviation	±5 kHz
Spurious Emission	Less than 0.25 µW
Microphone Impedance	2 k-Ohm
Receiver	
Circuit Type	Double-Conversion Superheterodyne
Intermediate Frequencies	1st: 21.7 MHz 2nd: 450 kHz
Sensitivity	1 µV 20 dB SINAD
Adjacent Channel Selectivity	70 dB
Intermodulation response	68 dB
Selectivity	12 kHz / 25 kHz (-6 dB / -60 dB)
AF Output	700 mW @ 16 Ohm for 10 % THD (@ 7.4 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



FBA-40
Alkaline Battery Case

INCLUDED ACCESSORIES

FNB-V105LI	Rechargeable Battery Pack
NC-90C/U*	Overnight Charger
CD-46	Charger Cradle
CAT460	VHF Marine Antenna
CLIP-920	Belt Clip

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