



- Submersible JIS-8 / IPX8 (1.5 m for 30 minutes)
- Luminescent Glow in the Dark strip
- Battery indication
- Preset key used to recall up to 10 favorite channels
- 700 mW Loud speaker audio with Audio Tone Control for treble and bass adjustment
- Easy to read Large LCD with Channel indication
- Programmable Scan, Priority Scan and Dual Watch
- Key lock
- Selectable Power Output 5 / 1 Watt
- 1170 mAh Rechargeable Lithium-ion battery

5W
Transmit Power

SUBMERSIBLE
IPX8

FLOATING

LUMINESCENT

1170 mAh
Li-ion Battery Included

AC / DC Chargers
Included

LOUD AUDIO

LARGE DISPLAY

LARGE BUTTONS

LIGHT-WEIGHT

NOAA WEATHER CHANNELS / ALERT

Optional Alkaline Battery Case Available

Actual Size

*Simulated LCD display

Supplied with



Belt Clip

Floating easy to use design

Designed from the ground up to float or be able to be submersed in 1.5 meters of water for 30 minutes, the HX290 will keep you communicating in the harshest environments.

The design of the HX290 fits well in your hand and with large keys and volume knob it is easy to operate even with gloves.

Features you expect and unique functions

The HX290 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.



Speaker mic and headset capable

The HX290 has a jack which allows optional speaker microphones and headsets to be used.

IPX8 Submersible (1.5 meter for 30 minutes)

Engineered for unparallel reliability, the HX290 is designed to survive submersion of 1.5 meter of water for 30 minutes. The HX290 utilizes a high impact resistant non-corrosive case, display lens and waterproof gasketing. Engineered for unparalleled reliability, the HX290 exceeds IPX8 Waterproof for submersion to 1.5 meter for 30 minutes.

SPECIFICATIONS

General

Frequency Ranges	TX: 156.025 - 157.425 MHz RX: 156.050 - 163.275 MHz
Channel Spacing	25 kHz
Frequency Stability	±10 ppm (-20 °C to +60 °C)
Emission Type	16K0G3E
Antenna Impedance	50 Ω
Supply Voltage	7.4V DC, Negative Ground (Battery Terminal)
Current Consumption	320 mA (Receive, Typcal at AF MAX.) 50 mA (Standby, Saver Off) 1.6 A / 0.7 A (TX: 5 W / 1 W @ 7.4V DC)
Operating Temperature	-20 °C to +60 °C
Waterproof Rating	JIS-8 / IPX8 (1.5m for 30 minutes)
Case Size (W x H x D)	57 x 133 x 44 mm (w/o Knob & Antenna)
Weight (Approx.)	310 g (w/FNB-110LI, Belt Clip & Antenna)

TRANSMITTER

RF Power Output	5 W / 1 W (@ 7.4 V DC FNB-110LI)
Modulation Type	Variable Reactance
Maximum Deviation	±5 kHz
Spurious Emission	-75 dBc typical
Microphone Impedance	2 kΩ

RECEIVER

Circuit Type	Double-Conversion Superheterodyne
Intermediate Frequencies	1st: 21.7 MHz 2nd: 450 kHz
Adjacent Channel Selectivity	70 dB typical
Intermediation	68 dB typical
Ham & Noise Ratio	40 dB typical
Sensitivity	0.25 μV for 12 dB SINAD
Selectivity	25 kHz (-70 dB)
AF Output (Internal SP)	700 mW @ 16 Ω for 10 % THD (@ 7.4 V DC)

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-42
Alkaline Battery Case



MH-73A4B
Submersible speaker microphone



MH-57A4B
Speaker/Microphone



VC-24
VOX Headset



VC-27
Ear piece/Microphone

INCLUDED ACCESSORIES

FNB-110LI Rechargeable Battery Pack

PA-44 Overnight Charger

E-DC-19A Cable With Cigar Lighter Plug

CD-52 Charger Cradle

CAT460 VHF Marine Antenna

CLIP-22 Belt Clip

Handstrap