

*Simulated LCD display

Floating Handheld Marine VHF Transceiver

Charger Cradle



SPECIFICATIONS



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 emormous 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.

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-110Ll, 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	70 dB typical
Channel Selectivity	
Intermediation	68 dB typical
Ham & Noise Ratio	40 dB typical
Sensitivity	0.25 μV for 12 dB SINAD
Selectivity	25 kHz (-70 dB)

(@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







MH-73A4B Submersible speaker microphone

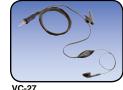


MH-57A4B Sneaker/Microphone



AF Output (Internal SP)

VC-24 VOX Headset



700 mW @16 Ω for 10 % THD

VC-27 Ear piece/Microphone

INCLUDED ACCESSORIES

FNB-110LI Rechargeable Battery Pack CAT460 VHF Marine Antenna

PA-44 Overnight Charger CLIP-22 Belt Clip

E-DC-19A Cable With Cigar Lighter Plug Handstrap

CD-52 Charger Cradle



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