

STANDARD HORIZON

HX300

Floating Handheld Marine VHF Transceiver



- Submersible IPX8 (1.5m for 30 minutes)
- Unique USB charging system
- Water activated LED light
- Preset Key (Maximum 10 channels)
- 600mW loud internal speaker audio
- Programmable Scan, Priority Scan, Dual Watch and Tri Watch
- Supplied with 1560mAh 3.7V Li-Ion Battery, AC USB Plug and charging cable

5W Transmit Power	SUBMERSIBLE IPX8	FLOATING	3.7V Battery Technology	1560 mAh Li-ion Battery Included	USB Charger Included
LOUD AUDIO	LARGE DISPLAY	LARGE BUTTONS	LIGHT-WEIGHT	NOAA WEATHER CHANNELS / ALERT	Optional Alkaline Battery Case Available

Actual Size

*Simulated LCD display

New USB Charging Technology

Supplied with a USB charging cable with adapter providing more flexibility when recharging the battery.

Water activated Flashing LED

If the HX300 accidentally goes overboard a flashing RED LED is automatically activated to help locate and retrieve the radio at night.

Compact Case Design

Compact, ergonomic case design is a result of the new ultra small, large capacity 1560mAh 3.7V Lithium Ion battery technology. This gives the radio a much smaller case design yet light enough to float face up if dropped in the water.

E2O Easy To Operate Menu System

New intuitive menu system allows easy access to all of the setup functions of the radio, making it easy to customize settings based on the preferences of the user.

IPX8 Submersible (1.5 meter for 30 minutes)

Engineered for unparalleled reliability, the HX300 is designed to survive submersion of 1.5 meter of water for 30 minutes. The HX300 utilizes a high impact resistant non-corrosive case, display lens and waterproof gasketing. Engineered for unparalleled reliability, the HX300 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	±5 ppm (-20 °C to +60 °C)
Emission Type	16K0G3E
Antenna Impedance	50 Ω
Supply Voltage	3.7V DC, Negative Ground
Current Consumption	330 mA (Receive, Typical at AF MAX.) 20 mA (Standby, Saver Off) 2.3 A / 0.9 A (TX: 5 W / 1 W @ 3.7V 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)	59 x 128 x 33 mm (w/o Knob & Antenna)
Weight (Approx.)	240 g (w/FNB-122LI, Belt Clip & Antenna)
TRANSMITTER	
RF Power Output	5 W / 1 W (@3.7 V DC FNB-122LI)
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
Hum & Noise Ratio	40 dB typical
Sensitivity	0.25 μV for 12 dB SINAD
Selectivity	25 kHz (-70 dB)
AF Output (Internal SP)	600 mW @ 8 Ω for 10 % THD (@3.7 V DC)

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



FBA-44
Alkaline Battery Case



CN-3
Radio-to-Ship's-Antenna Adapter

INCLUDED ACCESSORIES

FNB-122LI Li-ion Battery Pack

PA-54 USB Wall Charger and Cable

CAT460 VHF Marine Antenna

CLIP-22 Belt Clip

Handstrap

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