

Standard Horizon HX751 Portable VHF Radio, 6 Watts
Submersible, Supplied with 11500 mAh Lithium Ion Battery,
Huge Channel Display, Antenna, Complete with 110 Volt Ac charger

Standard Horizon Model: HX751

More Information on Standard Horizon HX751 Portable VHF Radio

- [Standard Horizon HX751 Portable VHF Radio Brochure](#)
- [Standard Horizon HX751 Portable VHF Radio Operator Manual](#)

Standard Horizon HX751 Portable VHF Radio Features:

- FLOATING - Submersible JIS-7 / IPX7 (3.3 feet for 30 minutes)
- Luminescent Glow in the dark gasket
- 6 Watt transmit power
- Volume & Squelch indication on display
- SOS Strobe light
- Battery life 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 names
- All USA/International and Canadian Marine Channels
- Programmable Scan, Priority Scan and Dual Watch
- NOAA Weather channels and Weather Alert
- Built-in thermometer sensor
- Updated keypad with SOS Strobe enable
- Key lock
- Audio Tone Control for treble and bass adjustment
- Selectable Power Output 6/5/2.5/1 Watt
- 1150 mAh Rechargeable Lithium-ion battery
- 110VAC and 12VDC Chargers included
- Optional FBA-38 alkaline battery tray available
- Optional speaker microphones and headsets available
- 3 Year Waterproof Warranty

6W Transmit Power

The Standard Horizon HX751 Portable VHF Radio is able to select 1W, 2.5W, 5W to conserve battery life or for maximum transmit distance the Standard Horizon HX751 Portable VHF Radio can be selected to transmit 6W.

Preset Key

Dedicated key that allows programming and quick selection of up to 10 favorite Marine VHF or NOAA Weather channels.

Volume and Squelch Levels

The Standard Horizon HX751 Portable VHF Radio display graphically shows volume and squelch adjustment to aid in operation.

Loud speaker audio

first three years, STANDARD HORIZON will repair or replace it free, without hassle or charges..period! If it fails thereafter in normal use it for the life time of the product it is covered by Standard Horizon's Lifetime Flat Rate Service and Customer Loyalty Programs.

SPECIFICATIONS

Performance specifications are nominal, unless otherwise indicated, and are subject to change without notice.

GENERAL

Frequency Ranges:	TX: 156.025 MHz - 157.425 MHz RX: 156.050 MHz - 163.275 MHz
Channel Spacing:	25 kHz
Frequency Stability:	±10 ppm (-4 °F to +140 °F [-20 °C to +60 °C])
Emission Type:	16K0G3E
Antenna Impedance:	50 Ω
Supply Voltage:	7.4V DC, Negative Ground (Battery Terminal)
Current Consumption:	280 mA (Receive, Typical at AF MAX.) 50 mA (Standby) 10 mA (Standby, Saver On) 1.6 A / 1.5 A / 1.0 A / 0.7 A (TX: 6 W / 5 W / 2.5W / 1W)
Operating Temperature:	-4 °F to +140 °F (-20 °C to +60 °C)
Thermometer Operating Range:	14 °F to +140 °F (-10 °C to +60 °C)
Case Size (W x H x D):	2.44" x 5.57" x 1.61" (62 x 141.5 x 41 mm) (w/o knob & antenna)
Weight (Approx.):	10.8 oz (305 g) (w/FNB-V99LI, Belt Clip, & Antenna)

TRANSMITTER

RF Power Output:	6 W / 5 W / 2.5 W / 1 W (@7.4 V)
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: 47.25 MHz 2nd: 450 kHz
Adjacent Channel Selectivity:	70 dB typical
Intermodulation:	70 dB typical
Hum & Noise Ratio:	40 dB typical
Sensitivity:	0.25 μV for 12 dB SINAD
Selectivity:	12 kHz / 25 kHz (-6 dB / -60 dB)
AF Output (Internal SP):	700 mW @16 Ω for 10 % THD (@7.4 V)