

FEATURES

Built-in 12 Channel GPS

This advanced 6W FLOATING handheld VHF includes a 12-channel GPS receiver allowing the radio to transmit a DSC distress, position report or send calls with your coordinates, perfect for everyday use or adding to your ditch bag.

Glow-In-The-Dark

Drop the radio in the water at night, no worries as the HX851 floats and case gasket glows-in-the-dark to assist retrieval.

FLOATING - Submersible JIS-7 / IPX7

The HX851 has been designed from the ground up to be completely submersible to a depth of 3.3 feet for 30 minutes, and it FLOATS!

Navigate to Waypoints

Standard Horizon has listened to feedback of the enormously popular HX850S and added navigation features which include Waypoint entering (store up to 200 waypoints), Navigation to a waypoint, Navigation to a DSC Position request to the HX851.

6W Transmit Power

The HX851 is able to select 1W, 2.5W, 5W to conserve battery life or for maximum transmit distance the HX851 can be selected to transmit 6W.

Work horse

Designed to be a work horse, the HX851 includes 6 Watts of transmit power, die cast chassis, ergonomically shaped with rubberized armor for a non-slip grip and heavy duty belt clip.

AC and DC chargers

The HX851 is included with a desktop charging cradle and AC and DC adapters to charge when on shore or on your vessel.

Preset Key

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

Digital Selective Calling (DSC)

The HX851 incorporates DSC Digital Selective Calling including; Distress, All Ship Urgency and Safety, Group, Individual, Position request and Position report calls.

Battery Life indication

The display shows a battery bargraph gauge to inform the charge left in the Lithium-ion battery.

Volume and Squelch Levels

The HX851 display graphically shows volume and squelch adjustment to aid in operation.

Programmable Channel Names

The HX851 is supplied from the factory preloaded with description of the use of Marine channels (16-Distress, 22A-USCG, 71-Pleasure). The channel names may be customized by the user to easily understand the use of each channel.

Loud speaker audio

The HX851 is designed to be heard in even the noisiest environments with 700mW of power supplied to the internal speaker.

Programmable Scan, Priority Scan and Dual Watch

Scanning is not an issue with the HX851. The radio can be setup to scan any number of channels with or without a priority channel or simply can be setup to scan between a priority channel and on other channel (dual watch).

Speaker Microphone Connection

Optional speaker microphone or headsets are available to assist with your communications needs.

Advanced display

Full dot matrix display with channel names, Radio/Position, Radio/SOG/COG, waypoint navigation and compass displays.

NMEA in and outputs

When the HX851 is inserted to the charging cradle connections to NMEA devices need for NMEA 0183 GPS data is available. In addition when the HX851 is mounted below deck where GPS signals may not be strong enough to receive a fix, a external GPS or GPS Chart plotter with NMEA may be connected allowing the HX851 to update its GPS position.

NOAA Weather channels and Weather Alert

10 NOAA and Canadian Weather channels are pre-programmed and easily selectable using the dedicated WX key. In addition, the HX851 can be set to monitor WX channels and provide an audible alert to inform of pending storm advisories.