



- Submersible, IPX7 (3 ft for 30 min)
- 5, 2.5 or 1 Watt Transmit Power
- Rugged Construction
- 700 mW Loud Audio
- DSC Distress Equipped. Interface the HX600S with any GPS Using the NMEA Connections on the Charging Cradle
- AM/FM Radio and Aircraft Band Receive
- Programmable Scan, Priority Scan, Dual Watch and Tri Watch
- NOAA Weather Channels, NOAA Weather Alert, and SAME Alert
- Channel Name Capability
- Includes 1400mAh Rechargeable Ni-MH Battery and the 120 VAC or 12 VDC 10 Hour Chargers
- Connection for Optional Speaker Microphone or Headset
- Unique High Intensity Distress Signalling Strobe Light
- Backlit Keypad and Extra Large Display
- Hands-Free Operation (VC-24 VOX Headset Required)
- Time Out Timer
- Compact Size
- Private Communications with the Optional FVP-31 Voice Scrambler Installed

VHF DSC DISTRESS With Position When Connected to GPS  
Receive AM or FM Broadcasts, Aeronautical to Air Band

**Supplied  
with**



**CD-33**  
Charger Cradle



**E-DC-19A**  
DC Cable with 12 V  
Cigarette Lighter Plug



**FNB-83**  
7.2 V 1400 mAh Ni-MH Battery Pack



**NC-88B**  
120 V  
Overnight Charger



**CAT460**  
Antenna

\*Simulated LCD Display

Actual Size

**Air Band  
RX**

**AM/FM  
Broadcast  
RX**

**IPX7**  
3 ft for 30 min  
Submersible

### 5, 2.5 or 1 Watt Transmit Power on Marine VHF

User selectable transmit power output allows longer talk time. Select 2.5 or 1 watt in close to shore or inside the marina or 5 watts when you need to be heard or in an emergency situation.

### Submersible (IPX7 : 3 ft for 30 min) and Rugged Construction

The HX500S is built to last with an impact resistant poly carbonate outer shell. It meets industry standards for water proofing of 3 feet for 30 minutes.

### 700 mW Loud Audio

Be heard! With 700mW of audio power you will have no problem hearing this radio even in the loudest conditions. Add additional audio with an external speaker mic or headset.

### NOAA Weather Channels, NOAA Weather Alert, and SAME Alert

In addition to the NOAA Weather Alert, the HX600S is able to receive and display NOAA Weather Radio (NWR) SAME Messages. NOAA SAME broadcasts include warnings and post-event information for all types of hazards - including natural (such as earthquakes or avalanches), environmental (such as chemical releases or oil spills), and public safety (such as AMBER alerts or 911 telephone outages).

### Unique High Intensity Distress Signalling Strobe Light

Be seen! This unique high intensity strobe light can be seen for miles. In an emergency, the unique super bright LED distress strobe light blinks internationally recognized SOS to visually signal another vessel. This just might be that extra advantage you need if rescue from dark and stormy seas is necessary.

### DSC Distress Equipped

Interface the HX600S with a GPS using the supplied interface cable and you can send GPS information to the VHF. When interfaced, it allows transmission of a DSC Distress call with position information.

### The Airband and AM/FM Broadcast RX Capability

This multiband radio can also be used to monitor aircraft traffic. Or if you prefer, you can relax and listen to music on the FM band, or listen to the game on the AM bands.

- Programmable Scan, Priority Scan, Dual Watch and Tri Watch
- Channel name capability
- Includes 1400mAh Rechargeable Ni-MH Battery and the 120 VAC or 12 VDC 10 hour chargers
- Connection for optional speaker microphone or headset
- Backlit Keypad and extra large display

### SPECIFICATIONS

General	
Frequency Ranges (MHz)	156 MHz - 163.275 MHz (Marine Band + WX Band)
	Channel Steps: 25 kHz
	88 MHz - 108 MHz (FM Broadcast Receive only)
	Channel Steps: 100 kHz
	500 kHz - 1800 kHz (AM Broadcast Receive only)
	Channel Steps: 10 / 9 kHz
	108 MHz - 137 MHz (AIR Band)
	Channel Steps: 25 kHz
Frequency Stability	± 10 ppm (-4° F to +140° F)
Emission Type	16K0G3E, 16K0G2B
Antenna Impedance	50 Ohms
Supply Voltage	Nominal: 7.2 V DC, Negative Ground (Battery Terminal)
Current Consumption	170 mA (Receive) 50 mA (Standby) 1.45 A (5 W transmit) 1.0 A (2.5 W transmit) 0.6 A (1 W transmit)
Operating Temperature	-4° F to +140° F
Case Size (W x H x D)	2.36" x 4.09" x 1.2" w/o knob & antenna
Weight (Approx.)	13 oz. with FNB-83, Antenna
Waterproof spec	IPX7
Transmitter	
RF Power Output (@7.4 V)	5, 2.5 or 1 W
Modulation Type	Variable Reactance
Maximum Deviation	± 5 kHz
Spurious Emission	At least 65 dB below
Microphone Impedance	2 k-Ohm
Receiver	
Circuit Type	Double-Conversion Superheterodyne (NFM, AM) Triple-Conversion Superheterodyne (WFM)
Intermediate Frequencies	NFM, AM WFM
	1st: 47.25 MHz 45.8 MHz
	2nd: 450 kHz 10.7 MHz
	3rd: ----- 1 MHz
Sensitivity	0.2 µV for 12 dB SINAD (Marine Band) 0.2 µV for 12 dB SINAD (WX Band) 1 µV for 12 dB SINAD (FM Broadcast) 1 µV for 10 dB SN (AM Broadcast) 1 µV for 10 dB SN (AIR Band)
Adjacent Channel Selectivity	65 dB Typical
Intermodulation	65 dB Typical
Selectivity	25 kHz (-60 dB) NFM / AM 300 kHz (-20 dB) WFM
AF Output (Internal speaker)	700 mW @ 16 Ohm for 10 % THD (@7.4 V)

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

 <b>CMP460S</b> Noise-canceling Waterproof Speaker/Microphone	 <b>MH-57A4B</b> Mini Speaker/Microphone	 <b>VC-24</b> VOX Headset	 <b>VC-27</b> Earpiece/Microphone	 <b>CD-33</b> Charger Cradle	 <b>FVP-31</b> Voice Scrambler	 <b>NC-88B/C*</b> Overnight Charger
 <b>VAC-10</b> Rapid Charger	 <b>FBA-25A</b> Alkaline Battery Case	 <b>FNB-83</b> 7.2 V 1400 mAh Ni-MH Battery Pack	 <b>E-DC-19A</b> DC Cable with 12 V Cigarette Lighter Plug	 <b>E-DC-6</b> DC Cable; Plug and Wire Only	 <b>CAW230</b> Radio to Ship's Antenna Adapter	*B for 120 VAC/ C for 220 VAC <b>CT-111</b> Programming cable <b>CE80</b> Programming software



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### A FAMILY OF COSMETICALLY MATCHED CHOICES

The HX600S is one member of the family of marine electronics from STANDARD HORIZON that includes:

#### GPS CHART/ FISH PLOTTERS

#### VHF RADIOS

