

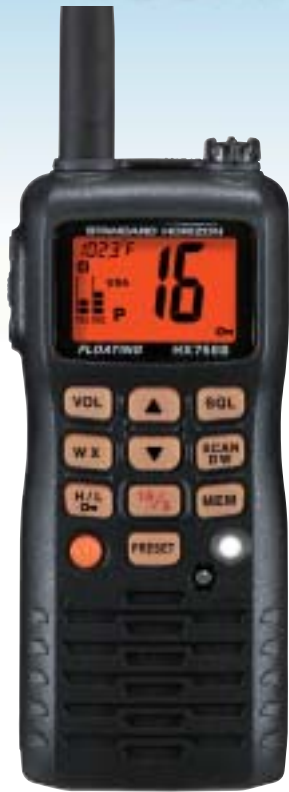
# FLOATING HANDHELD VHF TRANSCEIVERS



## HX750S FLOATING MARINE TRANSCEIVER

### Features:

- 6 Watt Transmit power
- Ergonomical shape
- Volume & Squelch indication on display
- SOS Strobe light
- Speaker Mic Jack
- Preset key (Maximum 10 channels)
- 700 mW Loud internal speaker audio
- NOAA Weather Channels
- Built-in thermometer sensor
- Selectable Power Output 6/5/2/1 Watt
- 1150 mAh Rechargeable Li-Ion battery
- 110 VAC and 12 VDC Chargers with cradle included



## HX760S HANDS FREE FLOATING MARINE TRANSCEIVER



### Features:

- Hands-free operation with VOX function
- 6 Watt Transmit power
- Ergonomical shape
- Volume & Squelch indication on display
- SOS Strobe light
- Speaker Mic Jack
- Preset key (Maximum 10 channels)
- 700 mW Loud internal speaker audio
- NOAA Weather Channels
- Built-in thermometer sensor
- Selectable Power Output 6/5/2/1 Watt
- 1150 mAh Rechargeable Li-Ion battery
- 110 VAC and 12 VDC Chargers with cradle included



## HX850S FLOATING MARINE TRANSCEIVER WITH GPS

### Features:

- Built-in Parallel 12 Channel GPS Receiver
- 6 Watt Transmit power
- Volume & Squelch indication on display
- NMEA output of DSC, DSE, GLL, RMC, GSA, GSV and GGA
- Channel names on display
- NOAA Weather Channels
- SOS Strobe light
- 1150 mAh Rechargeable Li-Ion battery
- 110 VAC and 12 VDC Chargers included
- Position information shown on the display



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LEADING THE INDUSTRY WITH THE FIRST FLOATING VHF WITH GPS

# HANDHELD VHF ACCESSORIES

FNB-V99LI  
1150 mAh Li-Ion battery



MH-73A4B  
Speaker Microphone



NC-88B/C  
110V/220V Wall Charger



VC-24  
Headset with VOX



Nylon Carrying Case



BTK-3  
Bluetooth® kit /  
BH-2, NC-85B/C, CD-40



FBA-38  
Alkaline battery tray  
(AAA type cell x 5)



MH-57A4B  
Speaker Microphone



E-DC-19A  
12V cigarette lighter charger



CD-38  
NMEA Charging cradle



FVP-31  
Scrambler board



BH-2



NC-85






CD-40





## HANDHELD VHF ACCESSORIES

MODEL	Description	HX270S	HX370S / 370SAS*	HX471S	HX500S-Li	HX600S-Li	HX750S	HX760S	HX850S
BH-2	Bluetooth® Headset							○	
BTK-3	Bluetooth® kit / BH-2, NC-85B/C, CD-40							○	
CAT460	VHF marine antenna	○	○		○	○	○	○	○
CD-25	NMEA Charger cradle used with NC-72B/C			○					
CD-26	Charger cradle used with NC-88B/C	○	○						
CD-35	Charger cradle used with NC-90B/C				○				
CD-36	NMEA charger cradle used w/ NC-90B/C					○			
CD-38	NMEA charger cradle used w/ NC-88B/C								○
CD-39	Charger cradle used with NC-88B/C						○	○	
CD-40	Charger cradle used with NC-85B/C							○	
CLIP-14	Belt clip	○	○	○					
CMP460	Submersible speaker microphone		○	○	○	○	○	○ for BH-2	○
E-DC-19A	DC cable with cigarette lighter plug	○	○	○	○	○	○	○	○
E-DC-6	12 VDC cable	○	○	○	○	○	○	○	○
FBA-23	Alkaline battery tray			○					
FBA-25A	Alkaline battery tray	○	○		○	○			
FBA-38	Alkaline battery tray (AAA type cell x 5)						○	○	○
FNB-V57IS	Intrinsically safe 1100 mAh Ni-Cd battery		○*						
FNB-80LI	1300 mAh Li-Ion battery			○					
FNB-83	1400 mAh Ni-MH battery	○	○						
FNB-V98LI	1700 mAh Li-Ion battery				○	○			
FNB-V99LI	1150 mAh Li-Ion battery						○	○	○
FVP-31	Scrambler 4 code		○	○		○			
LCC-370	Leather case	○	○						
MCC-270	Nylon radio case	○	○		○	○			
MCC460	Neoprene radio case			○					
MCC460L	Neoprene radio case with belt loop			○					
MH-57A4B	Mini speaker microphone with jack		○	○	○	○	○	○	○
MH-73A4B	Submersible speaker microphone		○	○	○	○	○	○	○
NC-72B	110 VAC charger used with CD-25			○					
NC-72C	220 VAC charger used with CD-25			○					
NC-88B	110 VAC charger used w/ CD-26/38/39	○	○				○	○	○
NC-88C	220 VAC charger used w/ CD-26/38/39	○	○				○	○	○
NC-85B	110 VAC charger used w/ CD-40							○	
NC-90B	110 VAC charger used w/ CD-35/36				○	○			
NC-90C	220 VAC charger used w/ CD-35/36				○	○			
VAC-370B	110 VAC rapid charger	○	○						
VAC-370C	220 VAC rapid charger	○	○						
VC-24	VOX headset		○	○	○	○	○	○	○
VC-27	Earpiece/microphone		○	○	○	○	○	○	○

THE ACCESSORIES YOU NEED!

# PRODUCT SPECIFICATIONS

	 <b>HX270S</b>	 <b>HX370S</b>  <b>HX370SAS</b>	 <b>HX500S-Li</b>	 <b>HX600S-Li</b>
<b>GENERAL</b>				
Frequency Ranges (MHz)	156 MHz - 163.275 MHz (Marine Band + WX Band)	156 MHz - 163.275 MHz (Marine Band + WX Band) Channel Steps: 25 kHz 137 MHz - 174 MHz (LMR) Channel Steps: 12.5 / 25 kHz	156 MHz - 163.275 MHz (Marine Band + WX Band)	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
Supply Voltage	7.2 VDC	7.2 VDC	7.4 VDC	7.4 VDC
Current Consumption	Standby: 40 mA, Receive: 200 mA, Transmit: 1.4 A (H)/0.9 A (M)/0.5 A (L)	Standby: 40 mA, Receive: 200 mA, Transmit: 1.4 A (H)/0.9 A (M)/0.5 A (L)	Standby: 50 mA, Receive: 170 mA, Transmit: 1.45 A (H) / 1.0 A (M)/0.6 A (L)	Standby: 50 mA, Receive: 170 mA, Transmit: 1.45 A (H) / 1.0 A (M)/0.6 A (L)
Operating Temperature	-22° F to +140° F (-30° C to +60° C)	-22° F to +140° F (-30° C to +60° C)	-4° F to +140° F (-20° C to +60° C)	-4° F to +140° F (-20° C to +60° C)
Case Size (W x H x D)	2.3" x 4.7" x 1.2" (58 x 120 x 30.5 mm)	2.3" x 4.7" x 1.2" (58 x 120 x 30.5 mm)	2.3" x 4.09" x 1.2" (58 x 104 x 30.5 mm)	2.3" x 4.09" x 1.2" (58 x 104 x 30.5 mm)
Weight (Approx.)	13.4 oz (380 g)	13.4 oz (380 g) with FNB-83	10.6 oz (300 g) with FNB-V98LI	10.6 oz (300 g) with FNB-V98LI
<b>TRANSMITTER</b>				
RF Output Power	5 W/2.5 W/1 W @7.2 V	5 W/2.5 W/1 W @7.2 V	5 W/2.5 W/1 W @7.4 V	5 W/2.5 W/1 W @7.2 V
Spurious Emissions	At least -73 dB	At least -73 dB	At least -73 dB	At least -73 dB
<b>RECEIVER</b>				
Sensitivity	0.25 µV 12 dB SINAD	0.25 µV 12 dB SINAD	0.2 µV 12 dB SINAD	0.2 µV 12 dB SINAD (Marine and WX band) 1.0 µV 12 dB SINAD (FM, AM and AIR bands)
Adjacent channel selectivity and IMD	70 dB	70 dB	65 dB	65 dB
AF Output	600 mW	600 mW	700 mW	700 mW

	 <b>HX471S</b>	 <b>HX750S</b>	 <b>HX760S</b>	 <b>HX850S</b>
<b>GENERAL</b>				
Frequency Ranges (MHz)	Marine Band + WX Band, FRS Band, MURS Band, FM Broadcast, AM Broadcast, AIR Band	TX: 156.025 MHz - 157.425 MHz RX: 156.050 MHz - 163.275 MHz	TX: 156.025 MHz - 157.425 MHz RX: 156.050 MHz - 163.275 MHz	TX: 156.025 MHz - 157.425 MHz RX: 156.050 MHz - 163.275 MHz
Supply Voltage	7.4 VDC	7.4V DC	7.4V DC	7.4V DC
Current Consumption	Standby: 68 mA, Receive: 195 mA, Transmit: 1.7 A (Marine High power) 0.8 A (Marine Low Power & FRS)	Standby: 50 mA Standby, Saver On: 10 mA Receive: 280 mA Transmit: 1.6 A / 1.5 A / 1.0 A / 0.7 A (6 W / 5 W / 2.5 W / 1 W)	Standby, Bluetooth on: 100 mA Standby, Saver On, Bluetooth on: 60 mA Receive: 280 mA Transmit: 1.6 A / 1.5 A / 1.0 A / 0.7 A (6 W / 5 W / 2.5 W / 1 W)	Standby, GPS On: 100 mA Standby, GPS Off: 60 mA Receive: 330 mA Transmit: 1.6 A / 1.5 A / 1.0 A / 0.7 A (6 W / 5 W / 2.5 W / 1 W)
Operating Temperature	-22° F to +140° F (-30° C to +60° C)	-4° F to +140° F (-20° C to +60° C)	-4° F to +140° F (-20° C to +60° C)	-4° F to +140° F (-20° C to +60° C)
Case Size (W x H x D)	2.36" x 3.78" x 1.12" (60 x 96 x 29 mm)	2.44" x 5.57" x 1.61" (62 x 141.5 x 41 mm) (w/o knob & antenna)	2.44" x 5.57" x 1.61" (62 x 141.5 x 41 mm) (w/o knob & antenna)	2.46" x 5.57" x 1.77" (62.5 x 141.5 x 45 mm) (w/o knob & antenna)
Weight (Approx.)	9.3 oz. (265 g) with FNB-80LI	10.8 oz (305 g) (w/FNB-V99LI)	10.9 oz (310 g) (w/FNB-V99LI, Belt Clip, & Antenna)	11.8 oz (335 g) (w/FNB-V99LI, Belt Clip, & Antenna)
<b>TRANSMITTER</b>				
RF Output Power	5, 2.5 or 1 W (Marine Band) 0.5 W (FRS Band)	6 W / 5 W / 2.5 W / 1 W (@7.4 V)	6 W / 5 W / 2.5 W / 1 W (@7.4 V)	6 W / 5 W / 2.5 W / 1 W (@7.4 V)
Spurious Emissions	At least -65 dB	-75 dBc typical	-75 dBc typical	-75 dBc typical
<b>RECEIVER</b>				
Sensitivity	0.25 µV 12 dB SINAD (Marine, FRS & MURS Band) 1 µV for 12 dB SINAD (FM Broadcast) 0.5 µV for 10 dB SN (AM and Air Broadcast)	0.25 µV for 12 dB SINAD	0.25 µV for 12 dB SINAD	0.25 µV for 12 dB SINAD
Intermodulation	65 dB Typical	70 dB typical	70 dB typical	70 dB typical
AF Output	400 mW	700 mW	700 mW	700 mW

<b>GPS</b>	
Receiver Channels	12 channels
Sensitivity	Less than -130 dBm
Time to First Fix	1 min typical (@Cold Start) 40 sec typical (@Warm Start)
Geodetic Datum	WGS84

Standard Horizon reserves the right to make changes and enhancements to products at our discretion. Current specifications are therefore subject to change without notice.