THE LEADER IN MARINE ELECTRONICS

It's people that make the difference

Our mission:
Our mission is quite simple, "Produce the finest Marine Electronics in the market to meet the needs of Boaters everywhere". For more than 50 years, Standard Horizon has continuously built and delivered the best and that's why we can say...

"Nothing Takes to Water like Standard Horizon!"

Standard Horizon
Marine Division of Vertex Standard

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COMMITTED TO EXCELLENCE

A FAMILY OF MARINE ELECTRONICS

HANDHELD VHF RADIOS

FIXED MOUNT VHF RADIOS / LOUDHAULER

GPS CHART PLOTTERS

A WIDE RANGE OF PRODUCTS TO SUIT YOUR NEEDS
HANDHELD VHF RADIOS

HX280S
BEST OF THE BASICS
NEW FOR 2009
Features:
• Selectable S/I 5 W transmit power output
• 100 mW Loud speaker audio
• IPX7 Submersible to 3 feet for 30 minutes
• Supplied with 1650 mAh Li-Ion battery, AC and DC chargers & cradle
• Huge channel display
• Programmable scanning/Dual Watch
• NOAA Weather Alert
• Low Battery Indicator
• Preset key used to recall up to 10 favorite channels
• Key lock

HX370S
COMMERCIAL WORKHORSE
Features:
• 40 Programmable Land Mobile Channels
• With CTCSS and DCS signaling
• Speaker microphone jack
• Selectable S/I 1 W transmit power output
• IPX7 Submersible to 3 feet for 30 minutes
• Supplied with 1400 mAh Ni-MH battery, alkaline battery tray, AC and DC chargers with cradle
• Programmable scanning/Dual Watch
• SOS Strobe Light
• Heavy duty die-cast frame
• Voice Scrambler capable

HX500S-Li
NOW WITH LI-ION
Features:
• Speaker microphone jack
• 700 mW Loud speaker audio
• Large volume control knob
• NOAA Weather alert
• Selectable S/I 1 W transmitter power output
• IPX7 Submersible to 3 feet for 30 minutes
• Supplied with 1700 mAh Li-Ion battery, AC and DC chargers with cradle
• Programmable scanning/Dual Watch
• SOS Strobe Light

HX370SAS
INTRINSICALLY SAFE
All the great features of the HX370S in an intrinsically safe housing.

FLOTIONG HANDHELD VHF RADIOS

HX750S
FLOATING MARINE RADIO
Features:
• 6 Watt Transmit power
• Ergonomical shape
• Volume & Squelch indication on the display
• SOS Strobe light
• Audio Tone Control
• Speaker Mic Jack
• Preset key (Maximum 10 channels)
• 700 mW Loud internal speaker audio
• NOAA Weather Channels
• Built-in thermistor sensor
• Selectable Power Output 6/5/2.5/1 Watt
• 1150 mAh Rechargeable Li-Ion battery
• AC and DC Chargers with cradle included

HX760S
HANDS FREE FLOATING MARINE RADIO
Features:
• Hands-free operation with VOX function
• Bluetooth® headset, charger and cradle included
• 6 Watt Transmit power
• Ergonomical shape
• Volume & Squelch indication on the display
• SOS Strobe light
• Audio Tone Control
• Speaker Mic Jack
• Preset key (Maximum 10 channels)
• 700 mW Loud internal speaker audio
• NOAA Weather Channels
• Built-in thermistor sensor
• Selectable Power Output 6/5/2.5/1 Watt
• 1150 mAh Rechargeable Li-Ion battery
• AC and DC Chargers with cradle included

HX750S
FLOATING MARINE RADIO WITH GPS
Features:
• Built-in 12 Channel GPS Receiver
• 6 Watt Transmit power
• DSC with Distress, Individual Call, All Ships Call, Group Call, Position Request and Send
• Lat/Lon, COG and SOG position information shown on the display
• Channel names shown on the display
• Volume and Squelch indication on the display
• SOS Strobe light
• 1150 mAh Rechargeable Li-Ion battery
• AC and DC Chargers with cradle included
• Selectable power output 6/5/2.5/1 Watt

Designed specifically for use in harsh marine environments

LEADING THE INDUSTRY WITH THE FIRST FLOATING VHF WITH GPS
**HANDHELD VHF RADIOS**

**HX280S**
**BEST OF THE BASICS**
**NEW FOR 2009**

**Features:**
- Selectable 5/2 W transmit power output
- 100 mW Loud speaker audio
- IPX7 Submersible to 3 feet for 30 minutes
- Supplied with 1450 mAh Li-Ion battery, AC and DC chargers & cradle
- Large channel display
- Programmable scanning/Dual Watch
- NOAA Weather Alert
- Low Battery Indicator
- Preset key used to recall up to 10 favorite channels
- Key lock

**HX471S**
**BIG FEATURES, COMPACT SIZE**

**Features:**
- DSC Distress with NMEA GPS position input
- FRS transmits/receive, AM/FM, MURS and Aircraft band receive
- NOAA Weather Alert
- Selectable 5/2/1 W transmit power output
- Supplied with 1300 mAh Li-Ion battery, AC and DC chargers with cradle
- Programmable scanning/Dual Watch
- SOS Strobe light
- Voice Scrambler capable
- Channel naming
- Available in silver or black

**HX370S**
**COMMERCIAL WORKHORSE**

**Features:**
- 40 Programmable Land Mobile Channels with CTCSS and DCS signaling
- Speaker microphone jack
- Selectable 5/2/1 W transmit power output
- IPX7 Submersible to 3 feet for 30 minutes
- Supplied with 1400 mAh Ni-MH battery, alkaline battery tray, AC and DC chargers with cradle
- Programmable scanning/Dual Watch
- SOS Strobe Light
- Heavy duty die-cast frame
- Voice Scrambler capable

**HX500S-Li**
**NOW WITH LI-ION**

**Features:**
- Speaker microphone jack
- 700 mW Loud speaker audio
- Large volume control knob
- NOAA Weather alert
- Selectable 5/2/1 W transmit power output
- IPX7 Submersible to 3 feet for 30 minutes
- Supplied with 1700 mAh Li-Ion battery, AC and DC chargers with cradle
- Programmable scanning/Dual Watch
- SOS Strobe light
- Voice Scrambler capable

**HX370SAS**
**INTRINSICALLY SAFE**

All the great features of the HX370S in an intrinsically safe housing.

**HX750S**
**FLOATING MARINE RADIO**

**Features:**
- 6 Watt Transmit power
- Ergonomical shape
- Volume & Squelch indication on the display
- SOS Strobe light
- Audio Tone Control
- Speaker Mic jack
- Preset key (Maximum 10 channels)
- 700 mW Loud internal speaker audio
- NOAA Weather Channels
- Built-in thermistor sensor
- Selectable Power Output 6/5/2.5/1 Watt
- 1150 mAh Rechargeable Li-Ion battery
- AC and DC Chargers with cradle included

**HX760S**
**HANDS FREE FLOATING MARINE RADIO**

**Features:**
- Hands-free operation with VOX function
- Bluetooth® headset, charger and cradle included
- 6 Watt Transmit power
- Ergonomical shape
- Volume & Squelch indication on the display
- SOS Strobe light
- Audio Tone Control
- Speaker Mic jack
- Preset key (Maximum 10 channels)
- 700 mW Loud internal speaker audio
- NOAA Weather Channels
- Built-in thermistor sensor
- Selectable Power Output 6/5/2.5/1 Watt
- 1150 mAh Rechargeable Li-Ion battery
- AC and DC Chargers with cradle included

**HX850S**
**FLOATING MARINE RADIO WITH GPS**

**Features:**
- Built-in 12 Channel GPS Receiver
- 6 Watt Transmit power
- DSC with Distress, Individual Call, All Ships Call, Group Call, Position Request and Send
- LastLoc, COG and SOG position information shown on the display
- Channel names shown on the display
- Volume and Squelch indication on the display
- SOS Strobe light
- 1150 mAh Rechargeable Li-Ion battery
- AC and DC Chargers with cradle included
- Selectable power output 6/5/2.5/1 Watt

**Designed Specifically for use in Harsh Marine Environments**
### HANDHELD VHF ACCESSORIES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Description</th>
<th>HRX280S</th>
<th>HRX370S</th>
<th>HRX370SAS</th>
<th>HRX5000-Li</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRX280S</td>
<td>Bluetooth® Headset</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>HRX370S</td>
<td>Bluetooth® Kit / HRX28A, HRX370A/CD-40</td>
<td>○</td>
<td>○</td>
<td>○</td>
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<tr>
<td>E-DC-10A</td>
<td>12 VDC cable with cigarette lighter plug</td>
<td>○</td>
<td>○</td>
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</tr>
<tr>
<td>CD-8A</td>
<td>12 VDC cable</td>
<td>○</td>
<td>○</td>
<td>○</td>
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</tr>
<tr>
<td>FRA-23</td>
<td>Alkaline battery pack (AA type cell x 2)</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>FRA-25A</td>
<td>Alkaline battery pack (AA type cell x 4)</td>
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<td>○</td>
<td>○</td>
<td>○</td>
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<tr>
<td>FRA-38</td>
<td>Alkaline battery pack (AAA type cell x 2)</td>
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<td>○</td>
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<td>○</td>
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<tr>
<td>FRA-40</td>
<td>Alkaline battery pack (AAA type cell x 4)</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>FN-35H</td>
<td>Internally - 1300 mAh Li-ion battery</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>FN-500H</td>
<td>High capacity battery</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>FN-500H</td>
<td>High capacity Li-ion battery</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>FVP-31</td>
<td>A cordless voice scrambler</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>LCC-370</td>
<td>Leather case</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>MCC-370</td>
<td>Nickel-rimmed case</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>NCC-340</td>
<td>Neoprene radio case</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>MCC-340A</td>
<td>Neoprene radio case with belt loop</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>MR-310A</td>
<td>Mini-MiNi headset microphone with jack</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>MR-310A</td>
<td>Mini-MiNi headset microphone</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>NC-310</td>
<td>110 VAC charger used with CD-40</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>NC-720</td>
<td>220 VAC charger used with CD-25</td>
<td>○</td>
<td>○</td>
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<tr>
<td>NC-800</td>
<td>220 VAC charger used in CD-260/939</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>NC-900</td>
<td>220 VAC charger used in CD-260/939</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>NC-900</td>
<td>220 VAC charger used with CD-260/939</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

### PRODUCT SPECIFICATIONS

#### GENERAL

<table>
<thead>
<tr>
<th>HRX280S</th>
<th>HRX370S</th>
<th>HRX370SAS</th>
<th>HRX5000-Li</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>7.4 VDC</td>
<td>7.4 VDC</td>
<td>7.4 VDC</td>
</tr>
<tr>
<td>Current Drain</td>
<td>Standby: 50 mA</td>
<td>Standby: 40 mA</td>
<td>Standby: 40 mA</td>
</tr>
<tr>
<td></td>
<td>Receive: 320 mA (MAX AF Output)</td>
<td>Receive: 200 mA</td>
<td>Receive: 200 mA</td>
</tr>
<tr>
<td>Overall Dimensions</td>
<td>2.2 x 4.5 x 1.7 (56 x 113 x 43 mm)</td>
<td>2.3 x 4.7 x 1.2 (59 x 120 x 30.5 mm)</td>
<td>13.4 x 4.3 x 1.2 (340 x 109 x 30.5 mm)</td>
</tr>
</tbody>
</table>

#### TRANSMITTER

| RF Output | 5 W/1.5 W (RX) | 5 W/1.5 W (RX) | 5 W/1.5 W (RX) | 5 W/1.5 W (RX) |
| Frequency Stability | At least 75 dBc (Typical) | At least 75 dBc (Typical) | At least 75 dBc (Typical) | At least 75 dBc (Typical) |
| FM Hum and Noise | 60 dB | 60 dB | 60 dB | 60 dB |

#### RECEIVER

| Sensitivity | 0.25 µV @ 12 dB SINAD | 0.25 µV @ 12 dB SINAD | 0.25 µV @ 12 dB SINAD | 0.25 µV @ 12 dB SINAD |
| Selectivity | 70 dB | 70 dB | 70 dB | 70 dB |
| Audio Output | 700 mW | 700 mW | 700 mW | 700 mW |

#### THE ACCESSORIES YOU NEED!
### HANDHELD VHF ACCESSORIES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>HRX205</th>
<th>HRX370S</th>
<th>HRX370SAS</th>
<th>HRX4715S</th>
<th>HRX5005-Li</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRX205</td>
<td>Handset - Bluetooth</td>
<td>☑</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HRX370S</td>
<td>Handset + Bluetooth+</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HRX370SAS</td>
<td>Handset + Bluetooth+/</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HRX4715S</td>
<td>Handset + Bluetooth+/</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HRX5005-Li</td>
<td>Handset + Bluetooth+/</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PRODUCT SPECIFICATIONS

#### GENERAL

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Voltage</th>
<th>Current Drain</th>
<th>Transmit Power</th>
<th>Receive Sensitivity</th>
<th>Frequency Stability</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRX205</td>
<td>7.4VDC</td>
<td>2.2 A</td>
<td>15W</td>
<td>-79dBm</td>
<td>±25kHz</td>
</tr>
<tr>
<td>HRX370S</td>
<td>7.2VDC</td>
<td>2.2 A</td>
<td>15W</td>
<td>-79dBm</td>
<td>±25kHz</td>
</tr>
<tr>
<td>HRX370SAS</td>
<td>7.2VDC</td>
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<td>2.2 A</td>
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<td>-79dBm</td>
<td>±25kHz</td>
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</table>

#### TRANSMITTER

<table>
<thead>
<tr>
<th>Model</th>
<th>RF Output</th>
<th>Modulation</th>
<th>Transmit Power</th>
<th>Receive Sensitivity</th>
<th>Frequency Stability</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRX205</td>
<td>5 W</td>
<td>FM</td>
<td>15W</td>
<td>-79dBm</td>
<td>±25kHz</td>
</tr>
<tr>
<td>HRX370S</td>
<td>5 W</td>
<td>FM</td>
<td>15W</td>
<td>-79dBm</td>
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<td>HRX370SAS</td>
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<td>FM</td>
<td>15W</td>
<td>-79dBm</td>
<td>±25kHz</td>
</tr>
</tbody>
</table>

#### RECEIVER

<table>
<thead>
<tr>
<th>Model</th>
<th>Sensitivity</th>
<th>Selectivity</th>
<th>Audio Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRX205</td>
<td>25 µV 12 dB</td>
<td>70 dB</td>
<td>700 mW</td>
</tr>
<tr>
<td>HRX370S</td>
<td>25 µV 12 dB</td>
<td>70 dB</td>
<td>700 mW</td>
</tr>
<tr>
<td>HRX370SAS</td>
<td>25 µV 12 dB</td>
<td>70 dB</td>
<td>700 mW</td>
</tr>
<tr>
<td>HRX4715S</td>
<td>25 µV 12 dB</td>
<td>70 dB</td>
<td>700 mW</td>
</tr>
<tr>
<td>HRX5005-Li</td>
<td>25 µV 12 dB</td>
<td>70 dB</td>
<td>700 mW</td>
</tr>
</tbody>
</table>

---

```
**THE ACCESSORIES YOU NEED!**

**THE QUALITY YOU CAN COUNT ON**

---

**Handset - Bluetooth**: Handset with Bluetooth technology

**Handset + Bluetooth+**: Handset with enhanced Bluetooth features

**Handset + Bluetooth+/**: Latest Bluetooth technology

**Input Voltage**: 7.4VDC

**Current Drain**: 2.2 A

**Transmit Power**: 15W

**Receive Sensitivity**: -79dBm

**Frequency Stability**: ±25kHz

---

**HRX205**

**HRX370S**

**HRX370SAS**

**HRX4715S**

**HRX5005-Li**

---

**Handset**: Handset

**Nokia radio cas**: Nokia radio cas

**Neoprene radio cas**: Neoprene radio cas

**Neoprene radio case with belt loop**: Neoprene radio case with belt loop

**Mini-Mini Microphone with jack**: Mini-Mini Microphone with jack

**Neoprene Microphone with jack**: Neoprene Microphone with jack

**Neoprene Microphone with jack**: Neoprene Microphone with jack

**Input Channel**: 12 channels

**Sensitivity**: Less than -33 dBm

**Time to First Hit**: 1 min typical

**Warm Start**: 40 sec typical

**Geometric Datum**: WGS84

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**Standard Horizon reserves the right to make changes and enhancements to products at our discretion. Current specifications are non-changeable subject to change without notice.**
FIXED MOUNT VHF RADIOS

GX1000S ECLIPSE DSC COMPACT AFFORDABILITY

Features:
- Submersible construction IPX7 (3 feet for 30 Minutes)
- 25 Watt transmit power
- SC-101 DSC Digital Selective Calling with Position polling
- Position/Time or Channel name/Time shown on display
- Programmable Scan, Priority Scan, and Dual Watch
- Easy to use simple operation
- NOAA Weather Channels with Weather Alert
- NMEA input and output

GX1100S NEW FOR 2009 ECLIPSE DSC+ COMPACT AFFORDABILITY

Features:
- Affordable Ultra Compact Class D Fixed Mount VHF radio
- Submersible construction IPX7 (3 feet for 30 Minutes)
- Separate dedicated channel 70 receiver
- Full dot matrix display
- GPS Position and Time shown on a full dot matrix display
- DSC Distress, Individual, Urgency, Safety, Position Report and Request functions
- Programmable Scan, Priority Scan, and Dual Watch
- NMEA in and output connections to a compatible GPS Chart Plotter
- Microphone capable of selecting 16 and 9, changing channels and VHF transmit power
- All USA/International and Canadian Marine Channels
- NOAA Weather Channels with Weather Alert

GX1500S QUEST-X WITH REMOTE OPTION

Features:
- Class D DSC
- 25 Watt transmit power
- Submersible construction IPX7 (3 feet for 30 Minutes)
- Noise canceling microphone
- DSC Distress calling
- Instant 16/9 and NOAA WX channel selection
- Displays Channel names, Position, and Time
- Overlaid alphanumeric display and channel selector knob
- Customizable channel name
- Second station capable with RAM+, RAMX or VH-310

GX3000S MATRIX PERFORMANCE GRADE

Features:
- Class D DSC
- Audio tone control
- 25 Watt transmit power
- 30 Watt PA, DSC, Bells and Whistles with listen back
- Submersible construction IPX7 (3 feet for 30 Minutes)
- Noise cancelling microphone
- DSC Distress calling
- Instant 16/9 and NOAA weather channel selection
- Second and third station capable with optional RAM+, RAMX or VH-310
- Large display, rotary channel knob and loud audio
- Displays Channel names, GPS Position, and Time

COMMERCIAL GRADE MARINE ELECTRONICS

GX5500S QUANTUM COMMERCIAL GRADE WITH ALPHA-NUMERIC KEYPAD

Features:
- Class D DSC
- 25 Watt transmit power
- 30 Watt PA, DSC, Bells and Whistles with listen back
- Audio tone control
- Dot matrix LCD display
- Submersible construction
- Noise canceling speaker microphone
- Large rotary knobs, and oversized display
- Second station capable with optional RAM+, RAMX or VH-310
- Front Panel microphone can be remoted to rear panel and extended to 20 feet using MEK-4
- Features a large alpha numeric keypad
- Bluetooth® capable headset (Optional BTK-2)

VLH-3000 30 W DUAL ZONE LOUD HAILER

Features:
- 30 Watt PA output
- Forward and aft PA horns with listen back
- Bells & Whistles and 4 fog signals
- Noise canceling microphone
- Easy push button control
- Loud internal speaker audio
- Dual zone intercom capability with connection of up to 2 optional MLS-3000 intercom speakers

POWER, PERFORMANCE, RELIABILITY

BUILT BY PROFESSIONALS FOR PROFESSIONALS
### FIXED MOUNT VHF ACCESSORIES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>GXT1005</th>
<th>GXT7002</th>
<th>GXT1505</th>
<th>GXT2000</th>
<th>GXT5000</th>
<th>GXT5505</th>
<th>VLH-3000</th>
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<td>BTH-2</td>
<td>Bluetooth® Headset</td>
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<td>CRMPW0</td>
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<td>MLS-300</td>
<td>Internal speaker with push-to-alert</td>
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<td>MLS-310</td>
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<td>VX38W</td>
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<tr>
<td>2400W</td>
<td>5 X 4&quot; Rectangular 4 ohm PA/mic/speaker</td>
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</table>

### FIXED MOUNT VHF SPECIFICATIONS

**GENERAL**
- **Input Voltage:** 13.8 VDC ±20 %
- **Current Drain:** Standby: 0.3 A, Receive: 1.5 A
- **Transmit:** 5.3 A (115 V), 7.3 A (24 V)
- **Overall Dimensions:** 2.4" H x 6.1" W x 6.7" D
- **Flash-Mount Dimensions:** 2.4" H x 6.3" W x 5.5" D
- **Weight:** 2.0 lbs (907 g)
- **FEP/C Power Output:** 50 dB

**RECEIVER**
- **Sensitivity:** 12 dB SNAR, 0.30 uW
- **Selectivity:** 40 dB Intermodulation and Rejection (Type P)
- **Audio Output:** 4.5 W

**TRANSMITTER**
- **RF Output:** 25 W (0 dB W)
- **Output Impedance:** 50 ohms

**NREX Knob**
- **Input:** GGL, GGS, RM, and GNS

### GENERAL
- **Input Voltage:** 13.8 VDC ±20 %
- **Current Drain:** Standby: 0.5 A, Receive: 1.5 A
- **Transmit:** 5.3 A (115 V), 7.3 A (24 V)
- **Overall Dimensions:** 2.4" H x 6.1" W x 6.7" D
- **Flash-Mount Dimensions:** 2.4" H x 6.3" W x 5.5" D
- **Weight:** 2.0 lbs (907 g)
- **FEP/C Power Output:** 50 dB

**RECEIVER**
- **Sensitivity:** 12 dB SNAR, 0.30 uW
- **Selectivity:** 40 dB Intermodulation and Rejection (Type P)
- **Audio Output:** 4.5 W

**TRANSMITTER**
- **RF Output:** 25 W (0 dB W)
- **Output Impedance:** 50 ohms

**NREX Knob**
- **Input:** GGL, GGS, RM, and GNS

---

**Industry Set**

---

**GET THE JOB DONE RIGHT, THE FIRST TIME!**

---

**UNPARALLELED PERFORMANCE AT EVERY LEVEL**
### FIXED MOUNT VHF ACCESSORIES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>GXT1005</th>
<th>GXTT025</th>
<th>GXT5005</th>
<th>GXX3005</th>
<th>GXX5005</th>
<th>VHL-3000</th>
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<tbody>
<tr>
<td>CM270D</td>
<td>RAM39 NEW FOR 2009</td>
<td>○</td>
<td>○</td>
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<tr>
<td>2405W</td>
<td>6 x 8 Rectangular 4 ohm PA horn</td>
<td>○</td>
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<td>○</td>
<td>○</td>
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<tr>
<td>2205W</td>
<td>4.5&quot; Round 4 ohm PA horn</td>
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<td>○</td>
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<tr>
<td>MEK-4</td>
<td>Microphone extension kit</td>
<td>○</td>
<td>○</td>
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<td>MKE-4</td>
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<tr>
<td>BTK-2</td>
<td>Wireless Bluetooth® headset</td>
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<tr>
<td>MLS-300</td>
<td>External loud speaker</td>
<td>○</td>
<td>○</td>
<td>○</td>
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<tr>
<td>MLS-310</td>
<td>10 watt amplifier</td>
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<td>MLS-320</td>
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<td>MLS-350</td>
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<tr>
<td>CMS-300</td>
<td>22 ft extension cable for CM270D or VHL-3000</td>
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<tr>
<td>CYS2000</td>
<td>Acoustic voice scrambler</td>
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<tr>
<td>CM225D</td>
<td>Remote microphone (White)</td>
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<tr>
<td>CMSW50W</td>
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<td>CMSW50W</td>
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<td>CMSW50W</td>
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<td>CS2-B</td>
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<td>MEK-4</td>
<td>Microphone Extension Kit (25 ft)</td>
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<td>MKE-4</td>
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<td>BTK-2</td>
<td>Wireless Bluetooth® headset</td>
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<td>MLS-300</td>
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<td>MLS-310</td>
<td>10 watt amplifier</td>
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<td>MLS-320</td>
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<td>MLS-350</td>
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<td>CMS-300</td>
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<td>CM225D</td>
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<td>CMSW50W</td>
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### FIXED MOUNT SPECIFICATIONS

#### GENERAL

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<tr>
<th>Model</th>
<th>Input Voltage</th>
<th>Current Drain</th>
<th>Transmit Power</th>
<th>Overall Dimensions</th>
<th>Weight</th>
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<tr>
<td>GXX1005</td>
<td>13.8 VDC 120%</td>
<td>15.5 A</td>
<td>15.5 W</td>
<td>2.4 x 6 x 3.2 x 6.7 D</td>
<td>3.6 x 6.5 x 6.0 D</td>
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<td>GXX1105</td>
<td>13.8 VDC 120%</td>
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<td>GXX1505</td>
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<td>15.5 W</td>
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<td>3.6 x 6.5 x 6.0 D</td>
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<td>GXX3005</td>
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<td>15.5 W</td>
<td>2.4 x 6 x 3.2 x 6.7 D</td>
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#### TRANSMITTER

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<th>Model</th>
<th>RF Output</th>
<th>IF Output</th>
<th>Frequency Stability</th>
<th>FM and Noise</th>
<th>Power Output</th>
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<tbody>
<tr>
<td>GXX1005</td>
<td>25 W</td>
<td>1 W</td>
<td>±0.8 %</td>
<td>50 dB</td>
<td>50 W</td>
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<tr>
<td>GXX1105</td>
<td>25 W</td>
<td>1 W</td>
<td>±0.8 %</td>
<td>50 dB</td>
<td>50 W</td>
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<tr>
<td>GXX1505</td>
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<td>1 W</td>
<td>±0.8 %</td>
<td>50 dB</td>
<td>50 W</td>
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<tr>
<td>GXX3005</td>
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<td>1 W</td>
<td>±0.8 %</td>
<td>50 dB</td>
<td>50 W</td>
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#### RECEIVER

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<th>Model</th>
<th>Sensitivity</th>
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<th>Audio Output</th>
<th>FM and Noise</th>
<th>Power Output</th>
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<tbody>
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<td>GXX1005</td>
<td>12 dB SNR</td>
<td>10 dB</td>
<td>4.5 W</td>
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<tr>
<td>GXX1105</td>
<td>12 dB SNR</td>
<td>10 dB</td>
<td>4.5 W</td>
<td>50 dB</td>
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<tr>
<td>GXX1505</td>
<td>12 dB SNR</td>
<td>10 dB</td>
<td>4.5 W</td>
<td>50 dB</td>
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<tr>
<td>GXX3005</td>
<td>12 dB SNR</td>
<td>10 dB</td>
<td>4.5 W</td>
<td>50 dB</td>
<td></td>
</tr>
</tbody>
</table>

### GET THE JOB DONE RIGHT, THE FIRST TIME

### UNPARALLELED PERFORMANCE AT EVERY LEVEL
**GPS CHART PLOTTERS**

**CPF180i**
Fish Finder WAAS 5" Internal GPS Chart Plotter Fish Finder Combo

Features:
- 5" Color TFT dayviewable LCD display
- Built-in 600 W fish finder
- 3000 Marks / 50 Routes
- 10,000 track points
- Dual chart window with independent zoom levels
- Smooth Zoom - Enhanced chart redraw
- Satellite images on base map
- Font size selection on chart page
- Dedicated MARK, ROUTE and INFO keys
- C-MAP NT+ and C-MAP MAX compatible
- Route checking
- 1 NMEA input / 1 NMEA output
- 3 year waterproof warranty

**Fish Finder Features:**
- Built-in 600 W fish finder
- 50 / 200 kHz dual frequency selection
- 2x and 4x Zoom
- Bottom Lock and White Line selections
- Sensitivity Time Control (STC) control and Surface Noise Filter
- Speed Sensor (if available on transducer)
- Alarms - Shallow, Deep and Temperature

**CPF300i**
Fish Finder WAAS 7" Internal GPS Chart Plotter Fish Finder Combo

Features:
- 7" Hi Res 800x480 sunlight viewable display
- Built-in 600 W fish finder
- 3000 Marks / 50 Routes
- 10,000 track points
- Dual chart window with independent zoom levels
- Smooth Zoom - Enhanced chart redraw
- Satellite images on base map
- Font size selection on chart page
- Swivel mounting bracket
- Dedicated MARK, ROUTE and INFO keys
- C-MAP NT+ and C-MAP MAX compatible

**CPV350**
7" GPS CHART PLOTTER/VHF
GPS Chartplotter Features:
- 7" 256 color Hi resolution 800x480 sunlight viewable display
- 50 Channel WAAS GPS antenna included
- 80 box fish finder compatible
- C-MAP NT+ and C-MAP MAX compatible
- Radar, AIS, and fishfinder compatible
- Commercial Grade Class D DSC
- 25 W Watt transmit power
- 30 W Watt PA, FOG, Bells and Whistles with listen back
- Radar, AIS, and fishfinder compatible

**CPV550**
12" GPS CHART PLOTTER/VHF
GPS Chartplotter Features:
- 12" full VGA 800x600 high resolution sunlight viewable display
- Black box fish finder compatible
- 50 Channel WAAS GPS antenna included
- C-MAP NT+ and C-MAP MAX compatible
- VHF and PA features:
- Commercial Grade Class D DSC
- 25 Watt transmit power
- 30 Watt PA, FOG, Bells and Whistles with listen back
- Radar, AIS, and fishfinder compatible

**CP500**
12" GPS CHART PLOTTER

Features:
- 12" full VGA 800x600 high resolution display
- 2 video inputs with picture in picture (PIP)
- VHF DSC distress position display
- Alpha numeric keypad, and 6 programmable hot keys
- VEA Video output connects to an external monitor
- 1 NMEA input / 2 outputs
- Dual chart window with independent zoom levels
- 50 Channel WAAS antenna included
- C-MAP NT+ and C-MAP MAX compatible
- Radar, AIS, and fishfinder compatible

**C-MAP**
by Jeppesen

**With Internal GPS Antenna (CPF180i)**

**With Internal GPS Antenna (CPF300i)**

**Industry First!** GPS Chart Plotter with built-in Class D VHF

**External GPS antenna supplied with CPF180, CP300, CP500, CPV350 and CPV550. Option for CPF180i and CPF300i**

**GO FURTHER, GO STANDARD**

**NAVIGATE, COMMUNICATE, RECREATE**

**ClearVoice**
by Jeppesen

**RADAR DISPLAY**

**MULTI**
(with IFB60 & Radar Antenna)
**GPS CHART PLOTTERS**

**CPF180i** NEW FOR 2009
Fish Finder WAAS 5" Internal GPS Chart Plotter Fish Finder Combo

**Features:**
- 5" Color TFT daylight viewable LCD display
- Internal 50 Channel WAAS GPS antenna option available
- Radar and AIS capable
- Customizable data windows
- 3000 Marks / 50 Routes
- 10,000 track points
- Dual chart window with independent zoom levels
- Smooth Zoom - Enhanced chart redraw
- Satellite images on base map
- Font size selection on chart page
- Dedicated MARK, ROUTE and INFO keys
- C-MAP NT+ and C-MAP MAX compatible
- Route checking
- 1 NMEA input / 1 NMEA output
- 3 year waterproof warranty

Fish Finder Features:
- Built-in 600 W Fish finder
- 50 / 200 kHz dual frequency selection
- 2x and 4x Zoom
- Bottom Lock and White Line selections
- Sensitivity Time Control (STC) control and Surface Noise Filter
- Speed Sensor (if available on transducer)
- Alarms - Shallow, Deep and Temperature

**CPF300i** NEW FOR 2009
Fish Finder WAAS 7" Internal GPS Chart Plotter Fish Finder Combo

**Features:**
- 7" HI Resolution 800x480 sunlight viewable display
- Internal 50 Channel WAAS GPS antenna option available
- C-MAP NT+ and C-MAP MAX compatible
- Radar / AIS capable
- Video input with Picture in Picture display
- VHF DSC distress position display
- 3000 Marks / 50 Routes
- 10,000 track points
- Dual chart window with independent zoom levels
- Smooth Zoom - Enhanced chart redraw
- Satellite images on base map
- Font size selection on chart page
- Swivel mounting bracket
- Dedicated MARK, ROUTE and INFO keys
- 1 NMEA input / 3 NMEA outputs
- 3 year waterproof warranty

**Navigation Page**

**CPF500** 12" GPS CHART PLOTTER
Features:
- 12" full VGA 800x600 high resolution display
- 2 video inputs with picture in picture (PIP)
- VHF DSC distress position display
- Alpha numeric keypad, and 6 programmable hot keys
- VEGA Video output connects to an external monitor
- 4 NMEA inputs / 5 outputs
- Dual chart window with independent zoom levels
- 50 Channel WAAS antenna included
- C-MAP NT+ and C-MAP MAX compatible
- Radar, AIS, and fishfinder capable

**CPF350** 7" GPS CHART PLOTTER/VHF
GPS Chart Plotter Features:
- 7" 256 color HI resolution 800x480 sunlight viewable display
- 50 Channel WAAS GPS antenna included
- 80 box fish finder included
- C-MAP NT+ and C-MAP MAX compatible
- Radar, AIS, and fishfinder capable

**CPF550** 12" GPS CHART PLOTTER/VHF
GPS Chart Plotter Features:
- 12" full VGA 800x600 high resolution sunlight viewable display
- Black box fish finder included
- 50 Channel WAAS GPS antenna included
- Black box fish finder included
- C-MAP NT+ and C-MAP MAX compatible
- VHF and PA features:
  - Commercial Grade Class D DSC
  - 25 Watt transmit power
  - 30 Watt PA, FOG, Bells and Whistles with listen back
  - Radar, AIS, and fishfinder capable