

STANDARD HORIZON

Nothing takes to water like Standard Horizon



MARINE COMMUNICATIONS PRODUCT CATALOG 2018



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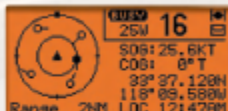
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Fixed Mount VHF Radios

POWER, PERFORMANCE, RELIABILITY

ADVANCED FEATURES

- AIS/AIS SART target display: MMSI, Call Sign, Ship Name, BRG, DST, SOG and COG



- Integrated 66 Channel GPS antenna
- BUILT-IN AIS
Integrated dual channel AIS (Automatic Identification System) receiver
- Clear Voice noise canceling speaker microphone with channel selection and 16/9 key
- Extra-large rotary channel knob
- 80dB Commercial grade receiver

- Supplied Accessories:
Power Cord and Mounting Bracket

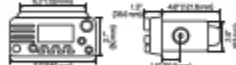
Body color: ● Black ○ White
Available in Black and White



GX2200 MATRIX AIS/GPS ITU CLASS D BUILT-IN AIS

FIRST FIXED MOUNT VHF WITH BUILT-IN AIS/GPS RECEIVER
30W PA/FOG-RAM3+ COMPATIBLE

- Meets ITU-R M.493-13 Class D (Digital Selective Calling)
- Scanning and Dual Watch operation
- GPS Compass, Waypoint and GPS status pages
- DSC position request and report functions
- NOAA Weather Channels with Weather Alert
- Supports optional RAM3+ second station remote microphone with AIS display
- Integrated dual channel AIS (Automatic Identification System) receiver
- Navigate to waypoints with Entered & Saved on the Compass page
- Direct calling to Class A and Class B vessels using the DSC individual call feature
- Programmable CPA or TCPA collision avoidance alarms
- Navigation (LAT/LON, Time, SOG and COG) information is shown on display
- 4800 or 38400 NMEA 0183 baud rate selection, for plotters with 1 NMEA port
- User customizable soft keys for easy menu operation



Icon Function List

Radio Specifications ▶	FLUORESCENT	SUNSHINE BLUE	TELEPHONE CABLE	6W	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO	100W AUDIO
Usability ▶	E20	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9	16/9
Features ▶	CLASS D	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC	DSC



GX2000

MATRIX *ITU CLASS D*
FIXED MOUNT DSC VHF
WITH AIS INPUT, 30W PA/
FOG, RAM3+ COMPATIBLE

► Supplied Accessories:
Power Cord and Mounting Bracket

Body color: ● Black ○ White

IPX7
Submersible
1m for 30min

3 Year
WARRANTY



- Meets ITU-R M.493-13 Class D (Digital Selective Calling)
- Scanning and Dual Watch operation
- Separate receiver for CH70 built in (Receiving DSC Call)
- NOAA Weather Channels with Weather Alert
- Optional RAM3+ second station remote microphone is supported
- Navigation to Waypoints that are entered & saved on the Compass page*
- AIS (Automatic Identification System) receiver or transponder connection
- AIS target display: MMSI, Call Sign, Ship Name, BRG, DST, SOG and COG*1,2
- Directly call class A and class B vessels using the DSC individual call feature*1,2
- CPA (Closest Point of Approach) Alarm*1,2
- Class D DSC (Digital Selective Calling) with Individual, Group, All Ships, Position Report, Request and Distress*



GX1700

EXPLORER GPS *ITU CLASS D*
ULTRA SLIM & COMPACT
REAR CASE..... FIRST FIXED
MOUNT VHF WITH BUILT-IN GPS!

► Supplied Accessories:
Power Cord and Mounting Bracket

Body color: ● Black ○ White

Available in Black and White

IPX8
Submersible
1.5m for 30min

3 Year
WARRANTY



- Meets ITU-R M.493-13 Class D (Digital Selective Calling)
- Ultra-slim and compact rear case design (3.5" depth)
- Scanning and Dual Watch operation
- Separate receiver for CH70 built in (Receiving DSC Call)
- NOAA Weather Channels with Weather Alert
- Optional RAM3+ second station remote microphone is supported
- Navigation to Waypoints that are entered & saved on the Compass Page
- GPS antenna built-in (66 Channel)
- Automatically poll the GPS position of up to 4 vessels using DSC
- Navigation (LAT/LON, SOG, and COG) information shown on display
- Noise cancelling microphone with channel UP/DOWN, 16/9 and H/L keys



GX1600

EXPLORER *ITU CLASS D*
ULTRA COMPACT
FIXED MOUNT DSC
VHF-RAM3+ COMPATIBLE

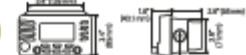
► Supplied Accessories:
Power Cord and Mounting Bracket

Body color: ● Black ○ White

Available in Black and White

IPX8
Submersible
1.5m for 30min

3 Year
WARRANTY



- Meets ITU-R M.493-13 Class D (Digital Selective Calling)
- Ultra-slim and compact rear case design (3.5" depth)
- Scanning and Dual Watch operation
- Separate receiver for CH70 built in (Receiving DSC Call)
- NOAA Weather Channels with Weather Alert
- Optional RAM3+ second station remote microphone is supported
- Navigation to Waypoints that are entered & saved on the Compass Page*
- Automatically poll the GPS position of up to 4 vessels using DSC*
- Navigation (LAT/LON, SOG, and COG) information shown on display*
- Noise cancelling microphone with channel UP/DOWN, 16/9 and H/L keys



GX1300

ECLIPSE *ITU CLASS D*
FIXED MOUNT
CLASS D DSC VHF

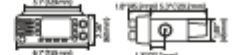
► Supplied Accessories:
Power Cord and Mounting Bracket

Body color: ● Black ○ White

Available in Black and White

IPX8
Submersible
1.5m for 30min

3 Year
WARRANTY



- Meets ITU-R M.493-13 Class D (Digital Selective Calling)
- Affordable Ultra Compact Fixed Mount VHF radio
- Scanning operation and Multi-Watch (Dual Watch and Triple Watch)
- Separate receiver for CH70 built in (Receiving DSC Call)
- NOAA Weather Channels with Weather Alert
- Automatically poll the GPS position of up to 6 vessels using DSC*
- GPS position and Time are shown on a full dot matrix display (Requires GPS Receiver connection)
- DSC Distress, Individual, Group, All Ships, Position Request, Position Report, and DSC Test Calling*
- Large-size dot matrix display (1.2" x 2.2")



Fixed Mount VHF Radio Accessories

	Microphone / Cable	External GPS Antenna	Encryption	Cover	External Speaker		Hull / PA Speaker	Bracket		
Model	CMP31B/CMP31W Remote station microphone (Black/Yellow) (RAM3+)	CT-100 23ft (7m) extension cable for CMP31	SCU-31 External GPS antenna with 40ft (12m) of cable	CVS2500A Voice scrambler	Dust Cover	MLS-300 External Speaker	MLS-310 External Speaker with 10W amp and 4ft	220SW 4.2" (104mm) Round PA/Hailing horn 30W 4 Ohm	240SW 4.2" x 8" (107mm x 203mm) Rectangular PA/ hailing horn 40W 4 Ohm	Flash mount bracket
										
GX2200	•	•	•	•	HC2000	•	•	•	•	MMIS-B4
GX2000	•	•	•	•	HC2000	•	•	•	•	MMIS-B4
GX1700	•	•	•	•	HC1800	•	•	•	•	MMIS-97
GX1600	•	•	•	•	HC1800	•	•	•	•	MMIS-97
GX1300	•	•	•	•	HC1100	•	•	•	•	MMIS-B4

*1 when connected to an optional AIS receiver or transponder *2 when connected to an optional GPS

NEW
for 2018 **HX40****ULTRA COMPACT HANDHELD VHF****Supplied Accessories:**

CAT460 Antenna, SBH-27 Charger Cradle, SAD-23 AC Adapter, E-DC-18A DC Cable with Cigarette Lighter Plug, SHB-19 Belt Clip and Hand Strap

Overall Dimensions:
2.05" x 3.74" x 1.3" (52mm x 95mm x 33mm)

Weight:
8.1oz (230g) (with Hand Strap, Belt Clip & Antenna)



*When Used in optional floatation case

- Floating (When fitted into optional floatation case)
- Ultra Compact case design: 2.05" x 3.74" x 1.3"
- 6W transmit power output (Selectable 6/2.5/1W)
- 600mW Loud Audio Output
- Preset key used to recall up to 10 favorite channels
- Easy to Operate Menu System
- Scanning operation and Multi-Watch (Dual Watch and Triple Watch)
- CH16/S Quick Access (S-Sub-channel)
- Built-in Lithium Polymer Battery Pack (7.4V, 1850mAh)
- NOAA Weather Channels with Weather Alert
- FM Broadcast Radio Receiver

**HX210****COMPACT FLOATING HANDHELD VHF****Supplied Accessories:**

CAT460 Antenna, SBH-25 Charger Cradle, SAD-23 AC Adapter, E-DC-18A DC Cable with Cigarette Lighter Plug, CLP-22 Belt Clip and Hand Strap

Overall Dimensions:
2.36" x 5.20" x 1.57" (60mm x 132mm x 40mm)

Weight:
9.8oz (280g) (with Hand Strap, Belt Clip & Antenna)



- Floating
- Compact case design: 2.36" x 5.20" x 1.57"
- 6W transmit power output (Selectable 6/2.5/1W)
- 600mW Loud Audio Output
- Preset key used to recall up to 10 favorite channels
- Easy to Operate Menu System
- Scanning operation and Multi-Watch (Dual Watch and Triple Watch)
- CH16/S Quick Access (S-Sub-channel)
- Built-in Lithium Polymer Battery Pack (7.4V, 1850mAh)
- NOAA Weather Channels with Weather Alert
- FM Broadcast Radio Receiver
- Water activated light

**HX300****COMPACT FLOATING HANDHELD VHF****Supplied Accessories:**

CAT460 Antenna, SBH-27L 3.7V 1800mAh Li-Ion Battery Pack, SAD-17 AC Adapter, SD0-14 USB DC Charger with Cigarette Lighter Plug, T910165 USB Cable, CLP-22 Belt Clip and Hand Strap

Overall Dimensions:
2.32" x 5.04" x 1.3" (59mm x 128mm x 33mm)

Weight:
8.4oz (240g) (with SBH-27L, Belt Clip & Antenna)



- Floating
- Compact case design: 2.32" x 5.04" x 1.3"
- Selectable 5 and 1 Watt transmit power output
- 600mW Loud Audio Output
- Preset key used to recall up to 10 favorite channels
- Easy to Operate Menu System
- Scanning operation and Multi-Watch (Dual Watch and Triple Watch)
- CH16/S Quick Access
- Supplied with 3.7V 1800mAh Li-Ion battery
- NOAA Weather Channels with Weather Alert
- Unique USB charging system
- Water activated light

**HX150** **FLOATING 5-WATT HANDHELD VHF****Supplied Accessories:**

PHB-124L 7.4V 1030mAh Li-Ion Battery Pack, PA-48 or SAD-18 AC Adapter, CD-57 Charging Cradle and CLP-24 Belt Clip

HX100 **FLOATING 2.5-WATT HANDHELD VHF TWIN-PACK****Supplied Accessories:**

PHB-125 4.8V 700mAh Ni-MH Battery Pack (2x), PA-48 or SAD-18 AC Adapter, CD-56 Twin Charging Cradle for HX100 and CLP-24 Belt Clip (2x)

Overall Dimensions:
2.4" x 5.3" x 1.5" (62mm x 135mm x 38.5mm)

Weight:
HX150: 8.3oz (235g) (with PHB-124L, Belt Clip & Antenna)
HX100: 8.6oz (245g) (with PHB-125, Belt Clip & Antenna)



- Floating
- Compact case design: 2.4" x 5.3" x 1.5"
- Selectable 5 and 1 Watt transmit power output (HX150)
- Selectable 2.5 and 1 Watt transmit power output (HX100)
- 500mW Loud Audio Output
- Preset key used to recall up to 10 favorite channels
- Easy to Operate Menu System
- Scanning operation and Multi-Watch (Dual Watch and Triple Watch)
- CH16/S Quick Access
- Supplied with battery pack
- NOAA Weather Channels with Weather Alert
- Two HX100 transceivers included (only for HX100)



* HX100: Ni-MH Battery Included

	Case / Hanger		Speaker/Microphone / Vox Headset / Earpiece/Microphone						
Model	SHC-29 Flotation Case	SCH-11 Belt Clip Hanger	SSM-14A Submersible speaker microphone with microphone jack	MH-57A4B Speaker microphone	MH-73A4B Submersible speaker microphone	CMP460 Submersible speaker microphone	SEP-10A Earpiece for SSM-14A	SSM-64A Vox Headset	SSM-55A Earpiece/microphone
HX40	•	•	•	•	•	•	•	•	•
HX210	•	•	•	•	•	•	•	•	•
HX300	•	•	•	•	•	•	•	•	•
HX150	•	•	•	•	•	•	•	•	•
HX100	•	•	•	•	•	•	•	•	•

*1 The case as the supplied accessory *2 10 for 110VAC / C for 200VAC

Commercial Grade Marine VHF

BUILT BY PROFESSIONALS FOR PROFESSIONALS

ADVANCED FEATURES

- Integrated AIS (Automatic Identification System) Class B Transponder (GX6500 only)
- Capable of connecting two optional wired RAM4 or one wired RAM4 and four wireless RAM4W microphones
- Integrated NMEA 2000 interface supporting all PGNs for Navigation, GPS, AIS and DSC functions
- Integrated Dual Channel AIS Receiver
- 66 Channel External GPS antenna included (GX6500 only)
- GPS Compass, Waypoint and GPS status pages
- Dual Zone 25W PA/Loud Hailer with preprogrammed fog signals and listen back
- Submersible IPX8 (5 feet or 1.5 meters for 30 minutes)
- Integrated 32 Code Voice Scrambler and 4 Code Voice Scrambler



Supplied Accessories:

Hand Microphone, Power Cord, Mounting Bracket and Hardware, External GPS Antenna SCU-311*, USB Cable

Body color: ● Black



Optional Accessories >



Fixed Mount VHF Radio

NEW
for 2018

GX6500

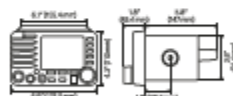
GX6000

QUANTUM Class B AIS/GPS
QUANTUM AIS

FIXED MOUNT VHF WITH NMEA 2000 AND INTEGRATED CLASS B AIS TRANSPONDER BUILT-IN*

- Integrated dual channel AIS (Automatic Identification System) receiver
- Integrated Class B AIS transponder*
- AIS/AIS SART target display: MMSI, Call Sign, Ship Name, BRG, DST, SOG and COG
- Meets ITU-R M493-13 Class D SCD (Digital Selective Calling)
- NMEA 2000 and NMEA 0183 compatible
- 66 Channel External GPS antenna included*
- Front panel microphone can be connected to rear panel and extended 20 feet using MEK-4 mic extension kit
- Selectable 4800 or 38400 baud rate for plotters
- GPS Compass, Waypoint and GPS status pages
- Programmable CPA or TCPA collision avoidance alarms
- Dual Zone 25W PA/Loud Hailer with preprogrammed fog signals and listen back
- Submersible IPX8 (5 feet or 1.5 meters for 30 minutes)
- 80dB Commercial grade receiver

*1 GX6500 only



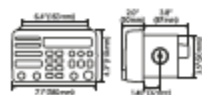
Loud Hailer

VLH-3000A

30W DUAL ZONE LOUD HAILER

Supplied Accessories: Mounting Bracket, Power Cord and Dual Cover

- PA/Hailer 30W output with Listen Back
- Dual Zone - Forward, Aft or Both
- 6 Preprogrammed Fog Signals: Underway, Stop, Sail, Tow, Anchor and Aground
- Horn and Siren
- Noise cancelling microphone



Body color: ● Black

- Easy push button control
- 2W Loud internal speaker audio Output
- Compatible with optional MLS-3000 Intercom speaker with IC1 and IC2 Push-to-Alert Button
- Adjustable Backlight

