STANDARD HORIZON

Nothing takes to water like Standard Horizon

FIXED MOUNT MARINE VHF WITH NMEA2000 COMPATIBLE

GX1850GPS

66 ch GPS | NMEA2000

GPS | NMEA2000 | ITU CLASS D

GX1850

NMEA2000

NMEA2000 | ITU CLASS D

FIXED MOUNT MARINE VHF

GX1800GPS

66 ch GPS

GPS | ITU CLASS D

GX1800

ITU CLASS D

Proven Performance
New EXPLORER Series



Optional RAM4
Second Station

3 Year WARRANTY

ClearVoice®
NOISE REDUCTION TECHNOLOGY

Available in Black or White*

GPS Receiver Built-in — Integrated 66 Channel Internal GPS receiver (GX1850GPS/GX1800GPS)

NMEA2000 Compatible — NMEA2000 Compatible (GX1850GPS/GX1850)

Second Station — Second Station Remote Microphone (Optional RAM4 SSM-70H)

IPX8 1.5 m for 30 min Submersible — Submersible IPX8 (5ft/1.5m for 30 minutes)

Ultra-slim & Compact Rear Case — Ultra-slim and compact Rear case design D = 3.3" (82mm)

E2O Easy to Operate — E2O (Easy to Operate) Icon & Menu System

ITU Class D DSC Transceiver — Meets ITU-R M.493-13 Class D DSC (Digital Selective Calling)
*European version: Meets ITU-R M.493-14

CH70 Receiver Built-in — Separate Receiver for CH70 (Receiving DSC Calls)

Group Monitor — GM (Group Monitor) Using DSC Group position Calling

Waypoint Nav & Compass displays — GPS Compass, Waypoint and GPS status pages

Intercom — Intercom Feature between Radio and Second Station (Optional RAM4 SSM-70H)

Night Mode — Selectable Night Mode Display

*Depending on the transceiver version

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GX1850GPS GX1850

GPS NMEA2000 IPX7 CLASS D NMEA2000 IPX7 CLASS D

FIXED MOUNT MARINE VHF

GX1800GPS GX1800

GPS IPX7 CLASS D IPX7 CLASS D

US, Asia and Australia				
Model	GX1850GPS	GX1850	GX1800GPS	GX1800
Body Color	Black/White	Black/White	Black/White	Black/White
GPS	●	–	●	–
NMEA2000	●	●	–	–

Europe		
Model	GX1850GPS/E	GX1800GPS/E
Body Color	Black	Black
GPS	●	●
NMEA2000	●	–

FEATURES

NMEA2000 Compatibility (GX1850GPS / GX1850)

GX1800 Series incorporates the NMEA2000 interface. The integrated NMEA2000 supports all PGN Navigation, GPS and DSC functions. Simply connect the transceiver to the NMEA2000 network to complement your system with full radio operation and DSC features.

Built-in Integrated 66 channel GPS Receiver (GX1850GPS / GX1800GPS)

With the internal high-performance 66 channel GPS receiver, SBAS satellites (WAAS/EGNOS/MSAS/GAGAN) can be received. The GPS data is available for DSC calling, position sharing, waypoint navigation, and navigation to DSC distress calls, all performed with a few simple steps.

Oversized Full-dot Matrix Display & E2O (Easy to Operate) Icon / Menu System

The large 2.6"W × 1.4"H (66.0 × 36.0mm), high resolution full-dot matrix display with wide digits and bold information flags affords great visibility in diverse conditions. The GX1800 Series advanced features "E2O MENU" screen may be displayed by pressing the MENU key on the front panel.

Selectable Display Mode (Night Mode Display)

The display is selectable between DAY mode and NIGHT mode. In the NIGHT mode the display black and white dots are inverted for better night time visibility.

Optional RAM4 microphone for Second Station Capability

The optional RAM4 remote microphone is capable of controlling most of the radio functions including DSC, therefore it may be used as a second station and an intercom. The RAM4 can be located up to 23 feet (7m)*1 away from the transceiver, such as in a separate cabin.

*1Optional CT-100 extension cable required

GM (Group Monitor) using DSC Group position Call

The GM (Group Monitor) feature of the GX1800 Series utilizes the DSC (Digital Selective Calling), Group calling and Auto Position Polling, to display the group member locations. Navigation to a specific group member may be facilitated using the GM function. The GX1800 Series GM feature can store up to 10 groups with 1 to 9 members each.

MOB (Man over Board) Operation

The GX1800 Series MOB feature can instantly record the Man Over-Board GPS location. This position information may be reported and utilized for navigation to the exact location.

BUSY LED Indicator

The BUSY LED Indicator glows clearly green when a signal is received and shows the receive mode and status at a glance.

Other Valuable Features

- NMEA Input and Output of GPS information to other NMEA compatible devices
- NMEA 0183 Connectivity
- DSC test call and Auto DSC channel change selection
- Automatic DSC polling of up to 6 ships GPS positions
- Enter, Save, and Navigate to a waypoint using the Compass page*2
- Navigation (LAT/LON, SOG, and COG) information shown on display*2
- Preset key stores up to 10 favorite channels, with scan function
- Programmable soft keys
- Programmable Scan, Priority Scan, and Multi Watch
- Noise cancelling microphone with channel change selection, 16/S and H/L keys
- NOAA Weather Alert function*3
- ATIS Mode for European Inland Waterways (GX1850GPS/E, GX1800GPS/E)

*2Only available when GX1850/GX1800 is receiving GPS data input from an external GPS device.

*3Only available in NOAA service areas

SPECIFICATIONS

General	
Channels	All International, USA and Canadian (Depending on the version)
Channel Spacing	25kHz
Frequency Stability	±3ppm -4°F to +140°F (-20°C to +60°C)
Emission Type	16K0G3E, 16K0G2B
Antenna Impedance	50 Ohms
Supply Voltage	13.8VDC ± 20%
Current Consumption	0.8A (Receive), 0.45A (Standby) TX: 5.0A / 1.0A (TX: 25W / 1W)
Operating Temperature	-4°F to +140°F(-20°C to +60°C)
Waterproof rating	IPX8 (5ft/1.5m for 30 minutes)
Dimensions (W×H×D)	5.9"×3.4"×3.3" (150×85×82mm)
Flush Mount Dimensions (W×H×D)	5.43"×2.87"×3.74" (138×73×95mm)
Weight (Approx.)	2.1 lbs (940g)
Transmitter	
Frequency Range (MHz)	Marine Band 156.025MHz – 157.425MHz (USA) 156.025MHz – 161.600MHz (International)
RF Output Power	25W / 1W
Maximum Deviation	±5.0kHz
Spurious Emission	-80dBc / -66dBc (TX: 25W / 1W)
Receiver	
Frequency Range (MHz)	Marine Band 156.050MHz – 163.275MHz
Circuit Type	Double-Conversion Superheterodyne
Sensitivity (12dB SINAD)	0.25μV
Spurious and Image Rejection	75dB for Voice (75dB for DSC)
Intermodulation	75dB for Voice (70dB for DSC)
AF Output	4.5W
GPS*1	
Receiver Channels	66 Channels
Sensitivity	Less than – 147dBm
Time to First Fix	1 min typical (@Cold Start) 5 sec typical (@Hot Start)
Geodetic Datum	WGS84
SBAS Correction	WAAS, EGNOS, MSAS and GAGAN

*1GX1850GPS and GX1800GPS

OPTIONAL ACCESSORIES

SSM-70H
Remote Access Microphone RAM4



CT-100
23ft (7m) Extension Cable for SSM-70H (RAM4)



MLS-300
External Speaker
*Available in Black or White



SCU-31
External GPS Antenna with 49ft (15m) of Cable
*Built-in GPS Receiver



SCU-38
External GPS Antenna with 16ft (5m) of Cable
*for GX1850GPS and GX1800GPS



MMB-97
Flush Mount Bracket

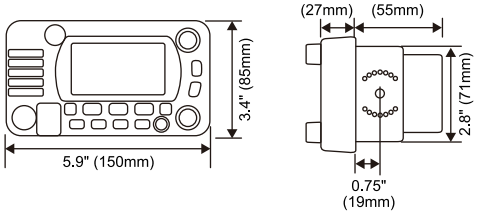


HC1600
Dust Cover (White)



SUPPLIED ACCESSORIES

- Power Cord
- Mounting Bracket



STANDARD HORIZON

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