STANDARD HORIZON

Nothing takes to water like Standard Horizon

FIXED MOUNT MARINE VHF WITH NMEA2000 COMPATIBLE







GX1850



GPS | NMEA2000 | ITUCLASS D

NMEA2000 ITUCLASS D

FIXED MOUNT MARINE VHF

GX1800GPS 66 LL GPS



GX1800

GPS | ITUCLASS D

ITU CLASS D

Proven Performance



Available in Black or White*



Integrated 66 Channel Internal GPS receiver (GX1850GPS/GX1800GPS)



NMEA2000 Compatible (GX1850GPS/GX1850)



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



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) Icon & Menu System



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



Separate Receiver for CH70 (Receiving DSC Calls)



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



GPS Compass, Waypoint and GPS status pages



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



Selectable **Night Mode Display** Nothing takes to water like Standard Horizon

GX1850GPS GX1850

GPS NMEA2000 TTUCLASSED NMEA2000 TTUCLASSED

GX1800GPS GX1800

GPS TUCLASSO

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	•	-

FIXED MOUNT MARINE VHF

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 $2.6"W \times 1.4"H (66.0 \times 36.0mm)$, 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)* away from the transceiver, such as in a separate cabin.

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)

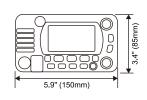
SPECIFICATIONS

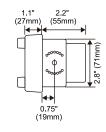
All International, USA and Canadia	
(Depending on the version)	
25kHz	
±3ppm -4°F to +140°F (-20°C to +60°	
16K0G3E, 16K0G2B	
50 Ohms	
13.8VDC ± 20%	
0.8A (Receive), 0.45A (Standby) TX: 5.0A / 1.0A (TX: 25W / 1W)	
-4°F to +140°F(-20°C to +60°C)	
IPX8 (5ft/1.5m for 30 minutes)	
5.9"×3.4"×3.3" (150×85×82mm)	
5.43"×2.87"×3.74" (138×73×95m)	
2.1 lbs (940g)	
Marine Band	
156.025MHz = 157.425MHz (USA	
156.025MHz = 161.600MHz	
(Internation	
25W / 1W	
±5.0kHz	
-80dBc / -66dBc (TX: 25W / 1W)	
Marine Band	
156.050MHz - 163.275MHz	
Double-Conversion Superheterody	
0.25µV	
75dB for Voice (75dB for DSC)	
/ Jub for voice (/ Jub for DSC)	
75dB for Voice (70dB for DSC)	
4.5W	
66 Channels	
Less than - 147dBm	
1 min typical (@Cold Start)	
5 sec typical (@Hot Start)	
WGS84	
WAAS, EGNOS, MSAS and GAGA	

OPTIONAL ACCESSORIES SSM-70H 23ft (7m) Extension Cable for SSM-70H (RAM4) External GPS Antenna External Speaker Remote Access Microphone RAM4 *Available in Black or White with 49ft (15m) of Cable *Built-in GPS Receiver SCU-38 MMB-97 External GPS Antenna with 16ft (5m) of Cable Flush Mount Bracket Dust Cover (White) *for GX1850GPS and GX1800GPS

SUPPLIED ACCESSORIES

 Power Cord Mounting Bracket





STANDARD HORIZON

Nothing takes to water like Standard Horizon





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^{*1}Optional CT-100 extension cable required

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

^{*3}Only available in NOAA service areas