

Nothing takes to water like Standard Horizon

FIXED MOUNT MARINE VHF TRANSCEIVER **GX6500/GX6500E** QUANTUM AIS/GPS

Commercial Grade Fixed Mount VHF with NMEA 2000 and integrated Class B AIS transponder (GX6500: US GX6500E: Europe, Asia and Australia)

GX6000E : Europe, Asia and Australia

ITU CLASS D

FIXED MOUNT MARINE VHF TRANSCEIVER **GX6000/GX6000E** QUANTUM AIS Commercial Grade Fixed Mount VHF with NMEA 2000 and integrated AIS receiver

STANDARD HORIZON QUANTUM

CLEAR

4176

CEUSY USA COD

ITU CLASS D



Integrated AIS (Automatic Identification System) Class B Transponder



Integrated Dual Channel AIS Receiver



Meets ITU-R M493-13 Class D DSC (Digital Selective Calling)



Submersible IPX8 (5 feet or 1.5 meters for 30 minutes)



66 Channel External GPS antenna included * GX6500/GX6500E only



GPS Compass, Waypoint and GPS status pages



Dual Zone 25W PA / Loud Hailer with preprogrammed fog signals and listen back

INTEGRATED 32 & 4 CODE Voice Scrambler

Integrated 32 Code Voice Scrambler and 4 Code Voice Scrambler

2519

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ITUCLASS D

NTUM AIS/GPS

FIXED MOUNT MARINE VHF TRANSCEIVER

(6500/GX6500E

FIXED MOUNT MARINE VHF TRANSCEIVER GX6000/GX6000E **OUANTUM AIS**

GX6000E : Europe, Asia and Australia) ITU CLASS D

FEATURES

- ·Integrated dual channel AIS (Automatic Identification System) receiver
- Integrated Class B AIS transponder GX6500/GX6500E only
- ·AIS / AIS SART target display: MMSI, Call Sign, Ship Name, BRG, DST, SOG and COG
- Meets ITU-R M493-13 Class D DSC (Digital Selective Calling)
- NMEA 2000 and NMEA 0183 compatible
- •66 Channel External GPS antenna included GX6500/GX6500E only
- ·Selectable 4800 or 38400 baud rate for plotters with one NMEA 0183 connection
- ·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
- ·Noise-canceling for both transmit and receive audio
- Integrated Voice Recorder to playback up to two minutes of RX receive audio
- Integrated 32 Code Voice Scrambler compatible with FVP-42 and 4 Code Voice Scrambler compatible with CVS2500A
- ·E2O (Easy-To-Operate) menu system
- ·User customizable soft keys for easy menu operation
- Front panel microphone can be connected to rear panel and extended 20 feet using MEK-4 mic extension kit
- ·Capable of connecting two optional wired RAM4 or one wired RAM4 and four wireless RAM4W microphones
- ·Contact Class A and Class B AIS vessels using the DSC individual call
- ·GM (Group Monitor) using DSC Group Position Call
- ·MOB (Man Overboard) Function

SUPPLIED ACCESSORIES

 Hand Microphone · Power Cord · Mounting Bracket and Hardware External GPS Antenna SCU-31 (GX6500/GX6500E only) · USB Cable

SP	ECI	FIC.	ΑΤΙ	ONS

General				
Channela	All USA, International and Canadian			
Channels	GX6500E/GX6000E: Selectable by Region			
Channel Spacing	25 kHz			
Frequency Stability	±3 ppm -4° F to +140° F (-20° C to +60° C)			
Emission Type	G3E (Voice), G2B (DSC), GXW (AIS: GX6500/E only)			
Antenna Impedance	50 Ω			
Supply Voltage	13.8 VDC ± 20 % 0.9 A (Receive), 0.55 A (Standby)			
Current Consumption	TX: 5.0 A / 1.0 A (TX: 25 W / 1 W)			
Operating Temperature	-4° F to +140° F (-20° C to +60° C)			
Waterproof rating	IPX8 (5 feet or 1.5 meters for 30 minutes)			
Dimensions (W x H x D)	6.9" x 4.3" x 6.8" (175.5 x 110 x 173.3 mm)			
Flush Mount Dimensions (W x H x D)	6.2" x 3.7" x 6.2" (158 x 94 x 158 mm)			
Weight (Approx.)	3.7 lbs (1.66 kg)			
Transmitter				
Frequency Range (MHz)	Marine Band 156.025 MHz - 157.425 MHz (USA) 156.025 MHz - 161.600 MHz (Internatinal) 161.975 MHz (AIS CH A) : GX6500/E only 162.025 MHz (AIS CH B) : GX6500/E only			
RF Output Power	25 W / 1 W			
Maximum Deviation	±5 kHz			
Spurious Emission	Less than -80 dBc / -66 dBc (TX: 25 W / 1 W)			
Receiver				
Frequency Range (MHz)	Marine Band 156.050 MHz - 163.275 MHz 161.975 MHz (AIS CH A) 162.025 MHz (AIS CH B)			
Circuit Type	Double-Conversion Superheterodyne			
Sensitivity (12 dB SINAD)	0.30 µV 0.5 µV (for AIS)			
Spurious and Image Rejection	80 dB for Voice (75 dB for DSC / 70 dB for AIS)			
Intermodulation	80 dB for Voice (75 dB for DSC / 70 dB for AIS)			
AF Output	10 W @ 8 Ohms External Speaker Output			
GPS Receiver				
Receiver Channels	66 Channels			
Sensitivity	Less than -147 dBm			
Time to First Fix	1 min typical (@Cold Start) 5 sec typical (@Hot Start)			
Geodetic Datum	WGS84			
SBAS Correction	WAAS, MSAS and EGNOS			







MLS-300

External Speake Available in Black or White



SSM-71H

Wireless Remote Access

Microphone BAM4W

220SW







23 ft (7 m) Extension Cable

for SSM-70H (BAM4)

CT-100

Rectangular 4 Ohm Hail/PA Horn



MEK-4 20 ft (6 m) Microphone Extension Kit



SCU-31 External GPS Antenna with 49 ft (15 m) of Cable



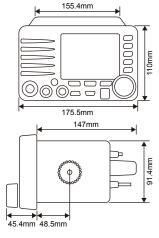
for SSM-71H (BAM4W)

Wireless Access Point

SCU-30

MMB-84 Flush Mount Bracket





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