


Fixed Mount VHF Radios

POWER, PERFORMANCE, RELIABILITY



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



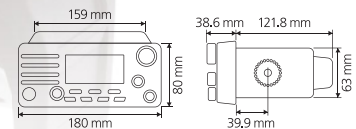
- Integrated 66 Channel GPS antenna 
- BUILT-IN AIS Integrated dual channel AIS (Automatic Identification System) receiver
- ClearVoice noise canceling speaker microphone with channel selection and 16/9 key

- Oversized rotary channel knob
- 80dB Commercial grade receiver

◀ Supplied Accessories:
Power Cord and Mounting Bracket

GX2200E MATRIX AIS/GPS *ITU CLASS D* BUILT-IN AIS

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



- Direct call to Class A and Class B vessels using the DSC individual call feature
- Programmable CPA or TCPA collision avoidance alarms
- Meets ITU-R M.493-13 Class D DSC (Digital Selective Calling)
- DSC position request and report functions
- GPS Compass, Waypoint and GPS status pages
- Navigation (LAT/LON, Time, SOG and COG) information shown on display
- 4800 or 38400 NMEA 0183 baud rate selection, for plotters with 1 NMEA port
- Enter, Save and Navigate to waypoints with Compass page
- User customisable soft keys for easy menu operation
- Programmable Scan, Priority Scan, and Dual Watch
- Supports optional RAM3+ second station remote microphone with AIS display
- ATIS Mode for European Inland Waterways

Icon Function List

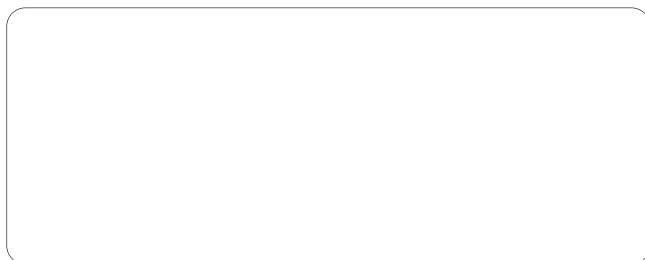


SPECIFICATIONS

MODEL	GX2200E		
GENERAL			
Frequency Range	Marine Band: 156,025 - 163,275 MHz		
Input Voltage	13.8 VDC \pm 20%		
Current Drain	Standby: 0.55 A Receiver: 0.9 Transmit: 5.0 A (Hi), 1.0 A (Lo)		
Overall Dimensions	180W x 80H x 160D mm		
Rush-Mount Dimensions	161W x 65H x 150D mm		
Weight	1.45		
PA/FOG Power Output	30 W with listen back		
TRANSMITTER			
RF Output	25 W (Hi), 1 W (Lo)		
Conducted Spurious Emissions	Less than -80 dBc (Hi), -66 dBc (Lo)		
Frequency Stability	\pm 3 ppm (-20° C to +60° C)		
FM Hum and Noise	50 dB		
RECEIVER (for Voice)			
Sensitivity (12 dB SINAD)	0.30 μ V	0.25 μ V	0.25 μ V
Spurious and Image Rejection	80 dB for Voice (75 dB for DSC)		
Intermodulation and Rejection	80 dB for Voice (75 dB for DSC)		
Audio Output	4.5 W		
DSC Format	Class D ITU-R M.493-13		
TRANSMITTER (for AIS)			
RECEIVER (for AIS)			
Sensitivity	0.5 μ V		
Selectivity	Spurious and Image Rejection 70 dB Intermodulation and Rejection 70 dB		
NMEA Input/Output			
NMEA 2000	-		
NMEA 0183	Input: GLL, GGA, GNS, RMC, GSA and GSV (4800 or 38400 bps) Output: DSC, DSE (4800 or 38400 bps)		
NMEA 0183-HS	Output: VDM (38400 bps)		

STANDARD HORIZON

Standard Horizon reserves the right to make changes and enhancements to products at our discretion. Current specifications are therefore subject to change without notice.



YAESU MUSEN CO., LTD. <http://www.yaesu.com/jp>

Tennozu Parkside Building
2-5-8 Higashi-Shinagawa, Shinagawa-ku, Tokyo 140-0002, Japan

YAESU USA <http://www.yaesu.com>

US Headquarters 6125 Phyllis Drive, Cypress, CA 90630, U.S.A.

YAESU UK <http://www.yaesu.co.uk>

Unit 12, Sun Valley Business Park, Winnall Close
Winchester, Hampshire, SO23 0LB, U.K.



2016. 1206CN(EU) B9200793 Printed in Japan