

Marinelite®

Class D DSC VHF Marine Radio VHF9000D



- Clear channel display
- Adjustable backlit keyboard for easy nighttime use
- GPS latitude and Longitude (LL) and time display (when connected to GPS source)
- 4 button handheld microphone with built-in speaker
- Optional DUAL/TRI scanning
- DSC(Digital Selective call) function in line with global DSC Class D standard
- Distress call button that automatically sends MMSI and location until a confirmation message is received
- Contact list: stores a maximum of 50 contacts
- Location polling information
- ATIS support for Inland Waterways (European mode)
- Access all VHF channels currently available offshore (US, Canadian, international), including available weather channels (depending on model)
- Dedicated CH16/9 keys for quick access to priority (international distress) channels
- Adjustable LCD contrast Settings
- IPX7 waterproof and diving rating
- Optional 25W or 1W transmission power
- Powerful 4W external audio output
- Built-in independent CH70 receiver
- Group call and all ship call function
- Available weather warning features (US mode)
- With DSC automatic switch disable and DSC test function

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■ Specifications

General	
Frequency Range	TX:156.025-157.425MHz,RX:156.050-163.275MHz
Mode	FM (16K0G3E) , DSC (16K0G2B)
Antenna impedance	50Ω
Channel spacing	25KHz
Frequency stability	±5ppm
Power Supply	12VDC(-10%~+30%)
Working temperature	-20°C~+55°C
Current	Standby ≤550mA (RX) , ≤6.5A @25W/2A@1W(12V DC) (TX)
Size (L × W × H)	222×98.5×161.5mm (Mounting bracket not calculated)
Unit Weight	721g(With microphone)
Receiver	
12dB SINAD Sensitivity	0.25μV(Remotely)/0.8μV(Local)
20dB SINAD Sensitivity	0.35μV
Neighborhood selectivity	≥70dB
Spurious response	≥70d
Intermodulation immunity	≥68dB
Residual noise level	≤-40dB, no noise suppression
Audio output power	2W(at 8 ohms, 10% distortion) 4W(4 ohms external speaker)
Transmitter	
The frequency error	≤1.5KHz
The output power	25W(23±2)/1W(0.8±0.2)
The largest deviation	≤5KHz
Stray & harmonic Hi/Lo	≤0.25μW
Modulation distortion@±3KHz	≤10%
SNR@±3KHz	≥40dB
Audio response@±1KHz	+1 to -3dB,6dB/octave From 300Hz to 3KHz

→Notice: Specifications may be subject to change without notice.

■ Dimensions

