

# Marinelite<sup>®</sup>

## VHF9000 Class **A** DSC VHF



The marine Class A VHF has a good intercom communication effect, built-in DSC function, has good waterproof performance, and the waterproof level reaches IP67.

- Aquaquake Draining Function;
- Dual-watch and Tri-watch Functions;
- Priority channel scan;
- Built-in DSC function, CH70 channel dedicated receiving channel;
- Built-in weather channel to receive weather alerts;
- High and low power optional function;
- The sound quality of the call is excellent, and the dynamic feeling is clear; 5W speakers can be connected with high volume;
- Adjustable volume.

# Class A VHF Radio with DSC Touch Screen

## ■ Specifications

General	
Frequency Range	TX: 156.000~162.000MHz RX: 156.000~163.450MHz
Mode	FM(16K0G3E), DSC(16K0G2B)
Frequency Stability	±10ppm (-20°C~+60°C)
Power Supply	12V -10%/+30%
Working temperature	-20°C~+60°C
Current	≤5.5A (TX)
Compass safe distance	≤5.4°/H, the safety distance is 2m or more
Antenna Impedance	50Ω
Size (L × W × H)	200×98×160mm
Unit Weight	About 1400g

  

Transmitter	Receiver
Output power	25W/1W
Maximum Frequency Deviation	±5kHz
Spurious Radiation	≤-36dBm
ACPR	≥70dB
Residual FM	≤-40dB
Audio distortion degree	≤10%
Audio Response	+1~-3dB
Current Consumption	≤5.5A(High power) ≤1.5A(Low power)
Input Impedance	2kΩ
	Main channel receive sensitivity ≤-120dBm (12dB SINAD)
	DSC(CH70) Receive sensitivity ≤-117dBm (1% BER)
	Squelch Sensitivity ≤0.22μV
	Audio power ≥4.5W (10% distortion, 4Ω)
	SNR ≥40dB
	Audio distortion ≤10%
	Intermodulation Rejection ≥68dB
	Adjacent channel selectivity ≥70dB
	Rejection Spurious Response ≥70dB
	GPS Data Format NMEA0183-2.0

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

## ■ Dimensions

