

RA27

VHF 88 Channels 25W IP67 GPS NOAA Fixed-Mount Class D DSC Marine Transceiver (USA/INT/CAN)

Features:

- Dual Receiver, Independent DSC Dedicated Receiver
- Manually Input GPS Latitude and Longitude and Time
- IPX7 Waterproof Construction (1m Depth of Water for 30 Minutes)
- Speaker Vibration Construction Function
- Weather Channel Alarm
- Dual/Tri-watch Functions
- Scan: Normal Scan and Priority Scan
- DSC Call Reception and Transmission Records Can be Queried
- Standard NMEA Interface (RS-422 Protocol)
- Full Dot Matrix Display
- Channel Number Display Digits Selectable: 3 Digits(01B)4 Digits(2001)
- Built-in GNSS Module, Support GPS, GLONAS, SBAS Satellite-based Augmentation System (WAAS/EGNOS/MSAS/GAGAN)
- Simple and convenient operation
- Support Latest Marine Channel Standards and DSC Protocol Standards.
- Emergency switch 16/9 channel
- High/low power switching



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General Specifications:

General

Frequency Range :	TX: 156.000~162.000MHz RX: 156.000~163.425MHz
Modulation:	FM (16K0G3E), DSC (16K0G2B)
Frequency Stability:	±5ppm
Operating Voltage :	DC13.8V (±15%)
Operating Temperature:	-20°C~+60°C
Antenna Impedance:	50Ω
Dimensions (W×H×D):	155mm×68mm×86mm
Weight :	721g (Hand MIC Included)

Receiver

Receive Sensitivity:	≤0.22 μV
Squelch Sensitivity :	≤0.22 μV
Adjacent Channel Selectivity :	≥70 dB
Spurious Response Rejection Ratio :	≥70 dB
Intermodulation Rejection Ratio :	≥70 dB
Max. Receive Current:	≤1.5 A
Audio Output Power :	≥4.5 W (10%)
GPS Signal Format :	NMEA 0183-2.0
Output Impedance:	4Ω (Speaker)

Transmitter

Output Power:	25 W \ 1W
Max. Frequency Deviation:	±5 kHz
Spurious Emissions :	≤-70 dB (H), ≤-56 dB (L)
Adjacent Channel Power:	≥70 dB
Audio Harmonic Distortion:	≤10 %
Current Consumption:	≤5.5A (H), ≤1.5A (L)
Input Impedance :	2kΩ (MIC)

Package Includes:

- 1 x Marine Transceiver
- 1 x Hand Microphone
- 1 x Mounting Bracket
- 1 x DC Power Cable
- 1 x GPS Antenna
- 1 x User Manual

CE FC RoHS 

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