

## RM20

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

### Description:

This is a small, loud voice, and easy-to-install marine transceiver, Comply with ITU-R M.493-13 Class D DSC (digital selective calling), supports the latest marine channel standards and DSC protocol standards, features DSC Test Calling and Automatic Position Polling ,There are 11 categories of DSC distress calls, and all DSC calls have 3 security categories, loud voice, weather channel with weather warning, IP67 submersible waterproof rating ,Easy to operate icon and menu system ,Built-in GPS, GLONAS, SBAS Satellite-based Augmentation System (WAAS/EGNOS/MSAS/GAGAN), And support multiple NMEA format transmission, Very suitable for ocean navigation.

### Features:

- External speaker with 3.5mm pin
- Build-in GPS Latitude and Longitude and Time
- IPX7 Waterproof Construction (1m Depth of Water for 30 Minutes)
- Vibration Water Draining Function
- Weather Channel Alarm
- Dual/Tri-watch Functions
- Normal Scan and Priority Scan
- DSC Call Reception and Transmission Records Can be Queried
- Standard NMEA 0183
- Full Dot Matrix Display
- Channel Number Display Digits Selectable: 3 Digits(01B)4 Digits(2001)
- 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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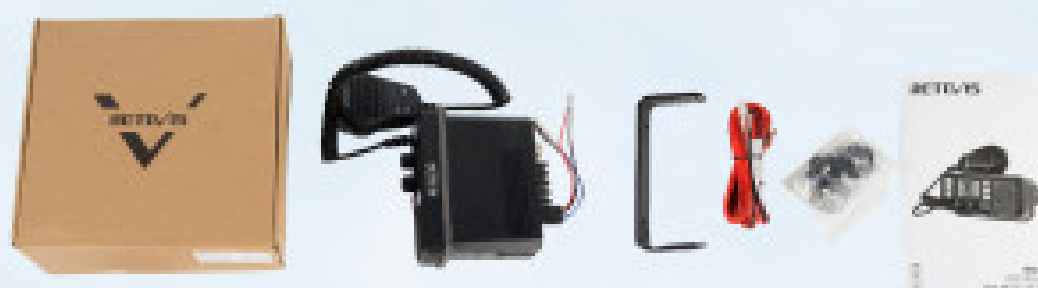
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## General Specifications:

General	
Frequency Range	TX: 156.025~157.425MHz RX: 156.025~163.275MHz
Modulation	FM (16K0G3E), DSC (16K0G2B)
Frequency Stability	±10ppm
Operating Voltage	DC13.8V (±15%)
Operating Temperature	-20°C~+60°C
Antenna Impedance	50Ω
Dimensions (W×H×D)	153mm×67mm×152mm
Weight	742g (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 Details:

- 1 x Marine Transceiver
- 1 x Handheld Microphone
- 1 x Mounting Bracket
- 1 x DC Power Cable
- 1 x User Manual



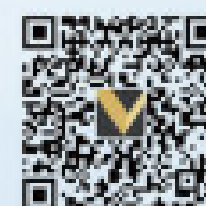
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