MARINE COMMUNICATION AND NAVIGATION EQUIPMENT

# VHF DSC (Class-B)

VHF DSC (Class-B) (1).Main function 1.General call 2.DSC System Distress call Distress acknowledgement call Distress relay call Individual call Position request call...

ISO9001 Supplier

Class Certificate

Export Supply




## Key Highlights

| | |
|---|---|
| **Category** | Marine Communication And Navigation Equipment |
| **Standard** | EN |
| **Weight / Size** | 72 (2).Technical Specifications 1.Overall Specifications Frequency Range... |
| **Certificate** | CCS |

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

| Technical Specifications | | | |
|---|---|---|---|
| **Category** | Marine Communication And Navigation Equipment | **Model / SKU** | VHF-DSC-Class-B |
| **Standard** | EN | **Weight / Size** | 72 (2).Technical Specifications 1.Overall Specifications Frequency Range：Tx：156.025-157.425MHz Rx：156.050-163.275MHz Modulation method：FM（16K0G3E）DSC（16K0G2B） Receiving system：Super heterodyne double conversion Frequency tolerance：±10ppm（-20℃+60℃） Power Supply :DC13.8V（±15%） Antenna impedance：50Ω Output impedance：（Audio）8Ω Input impedance：（Microphone）2KΩ Dimensions：W（153）×H（67）×D（132） Weight：830g（±2%） 2.Transmitter Specifications Output power：25W / 1W Modulation limit：≤ ±5KHz Modulation sensitivity：17mV±10mV Audio distortion：≤ 7% Adjacent channel selectivity：≥70dB Spurious emissions：≤ -53dB Residual modulation : |
| **Certificate** | CCS | **Warranty** | 12 Months unless specified otherwise |
| **Origin** | China | | |

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# VHF DSC (Class-B)

## (1).Main function

**1.General call**
**2.DSC System**
**Distress call**
**Distress acknowledgement call**
**Distress relay call**
**Individual call**
**Position request call**
**Position to send call**

**Individual acknowledgement call**
**Group Call**
**All ships call**
**Sea area call**
**Semi-automatic telephone service**
**DSC test**
**3.Collision Avoidance alarm display**
**4.Weather alarm (American weather Bureau)**
**5.Priority scan**
**6.Dual-Watch**
**7.Thr- Watch**
**8.Timing clock alarm**
**9.64 waypoints stored**
**10.64 common using ID storage**
**11.Navigation function**
**12.Automatically record incoming messages**
**Distress messages: 32**
**Other messages: 32**
**Collision Avoidance alarm messages: 72**

## (2). Technical Specifications

**1.Overall Specifications**
**Frequency Range：Tx：156.025-157.425MHz**
**Rx：156.050-163.275MHz**
**Modulation method：FM（16K0G3E）DSC（16K0G2B）**
**Receiving system：Super heterodyne double conversion**
**Frequency tolerance：±10ppm（-20℃+60℃）**
**Power Supply :DC13.8V（±15%）**
**Antenna impedance：50Ω**
**Output impedance：（Audio）8Ω**
**Input impedance：（Microphone）2KΩ**
**Dimensions：W（153）×H（67）×D（132）**
**Weight：830g（±2%）**

**2.Transmitter Specifications**
**Output power： 25W / 1W**
**Modulation limit：≤ ±5KHz**
**Modulation sensitivity：17mV±10mV**
**Audio distortion：≤ 7%**
**Adjacent channel selectivity：≥70dB**
**Spurious emissions：≤ -53dB**

## Residual modulation :

**≥40dB**
**Current consumption：High power ≤ 6.0A , Low power ≤ 1.5A（DC13.8V）**

**3.Receiver Specifications**
**Reference sensitivity：≤ 0.25uV（12dB SINAD）**
**Squelch sensitivity：≤ 0.15uV**
**Modulation receiver bandwidth：≥ 2×5KHz**

**Deep squelch blocking threshold：≥ 5KHz**
**Adjacent channel selectivity：≥ 65dB**
**Intermodulation rejection ratio：≥ 58dB**
**Spurious response：≥ 65dB**
**Audio output power：≥ 2W（8Ω）**
**Audio distortion：≤ 7%**
**GPS Output format：NMEA0183（2.0 / 3.01）**

**Note: Specifications are subject to change without notice.**