

# Jinbo Marine

Marine &amp; Offshore Equipment Datasheet

PRODUCT DATASHEET

## MARINE COMMUNICATION AND NAVIGATION EQUIPMENT

# VHF 1200

VHF 1200 (1).Function 1.Dual-Watch and Tri-Watch 2.All US, International and Canadian , 10 Weather Channel 3.One button change Channel 16 and Channel 9. 4.Except 88 dedicated channels , ...

ISO9001 Supplier

Class Certificate

Export Supply



### Key Highlights

Category	Marine Communication And Navigation Equipment
Standard	EN
Weight / Size	-20°C to +60°C Dimensions : 153 ( W ) X 67 ( H ) X 132 ( D ) mm Weight : 825g (3).Trans...
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-1200
Standard	EN	Weight / Size	-20°C to +60°C Dimensions : 153 ( W ) X 67 ( H ) X 132 ( D ) mm Weight : 825g (3).Transmitter Specifications Output power : 25W / 1W Modulation system : Varactor frequency modulation Maximum frequency offset : ±5.0KHZ Parasitic radiation : ≤ -70dB (4).Receiver Specifications Receiving system : Double super heterodyne Sensitivity : 0.22 uV ( Typical ) , 12dB SINAD Squelch sensitivity : ≤ 0.22 uV Adjacent channel selectivity : ≥ 70dB Harmonic effect suppression : ≥ 70dB Intermodulation rejection ratio : ≥ 70dB Audio output power : 4.5W ( during distortion 10% ) Audio output impedance : 4Ω Note:
Certificate	CCS	Warranty	12 Months unless specified otherwise
Origin	China		

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## VHF 1200

### (1).Function

- 1.Dual-Watch and Tri-Watch
- 2.All US, International and Canadian , 10 Weather Channel
- 3.One button change Channel 16 and Channel 9.
- 4.Except 88 dedicated channels , user-program 100 channels.
- 5.Priority scan.

### (2). Overall Specifications

Frequency coverage : Tx : 156.025-157.425 MHz

Rx : 156.050-163.275 MHz



**Modulation method : 16K0G3E**

**Channel spacing : 25kHz**

**Power supply : 13.8VDC**

## **Transmit Power consumption :**

**High-power : 5.5A ( 13.8VDC )**

**Audio power : 1.5A**

**Frequency tolerance :  $\pm 10$ PPM ( -20°C~ 60°C )**

**Operating temperature range: -20°C to +60°C**

**Dimensions : 153 ( W ) X 67 ( H ) X 132 ( D ) mm**

**Weight : 825g**

## **(3). Transmitter Specifications**

**Output power : 25W / 1W**

**Modulation system : Varactor frequency modulation**

**Maximum frequency offset :  $\pm 5.0$ KHZ**

**Parasitic radiation :  $\leq -70$ dB**

## **(4). Receiver Specifications**

**Receiving system : Double super heterodyne**

**Sensitivity : 0.22  $\mu$ V ( Typical ) , 12dB SINAD**

**Squelch sensitivity :  $\leq 0.22$   $\mu$ V**

**Adjacent channel selectivity :  $\geq 70$ dB**

**Harmonic effect suppression :  $\geq 70$ dB**

**Intermodulation rejection ratio :  $\geq 70$ dB**

**Audio output power : 4.5W ( during distortion 10% )**

**Audio output impedance : 4 $\Omega$**

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