

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE COMMUNICATION AND NAVIGATION EQUIPMENT

Fisheries Dedicated Radio (Dual Signaling)

ISO9001 Supplier

Class Certificate

Export Supply

Fisheries Dedicated Radio (Dual Signaling) (1).Main function 1.General voice calls
 2.4Channel watch (221、 231、 236、 238Channel) 3.Dual mode operation (300 baud rate
 ASK、 1200 baud rateMSK) 4.D...



Key Highlights

Category Marine Communication And Navigation Equipment

Standard EN

Certificate CCS

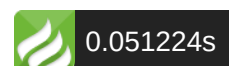
We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Communication And Navigation Equipment	Model / SKU	Fisheries-Dedicated-Radio-Dual-Signaling
Standard	EN	Certificate	CCS
Warranty	12 Months unless specified otherwise	Origin	China

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Fisheries Dedicated Radio (Dual Signaling)

(1). Main function

- 1.General voice calls
- 2.Channel watch (221、 231、 236、 238Channel)
- 3.Dual mode operation (300 baud rate ASK、 1200 baud rateMSK)
- 4.Distress call
- 5.Individual Call
- 6.Fast call
- 7.Group Call
- 8.Request vessel position report
- 9.Timing and manually ship's position report
- 10.HF/VHF telephone relay call feature
- 11.Receiving all ship call, sea area call and weather warnings information
- 12.Receives GPS positioning instructions
- 13.GPS Navigation function
- 14.AM radio receiver function
- 15.Voice encryption capabilities (optional)
- 16.Ship no. storage function
- 17.Automatically record incoming messages
- 18.Full channel scan
- 19.Timing turn on the radio function
- 20.Timing clock alarm function
- 21.Low-voltage alarm function
- 22.Memory channels
- 23.Waypoint storage function

(2). Technical Specifications

1.

Main unit section :

Frequency Range : 27.5 - 39.5MHz
Channel spacing : 25KHz
Number of channels : 480 channels
Modulation method : FM (16KOG3E)
Power supply : DC12V or DC24V
Signal format : 300 baud rate ASK、 1200 baud rate MSK

2.

The transmitter section :

Frequency tolerance : ≤ 20 ppm
Output power : ≤ 25 W
Modulation limit : ≤ 5 KHz
Audio distortion : $\leq 7\%$
Modulation characteristics : ± 3 dB (Relative per octave 6dB)



Modulation sensitivity : $\leq 15\text{mV}$

Spurious emissions : $\leq 5\text{uW}$

3.

Receiver section :

Reference sensitivity : $\leq 0.2\text{uV}$ (SINAD12dB)

Squelch sensitivity : $\leq 0.6\text{uV}$

Deep squelch blocking threshold : $\geq 5\text{KHz}$

Audio output power : $\geq 2\text{W}$

Audio distortion : $\leq 7\%$

Audio response to : +2~-8dB (Relative per octave 6dB)

Modulation receiving bandwidth : $\geq 2 \times 5\text{KHz}$

Adjacent Channel Selectivity : $\geq 65\text{dB}$

spurious response : $\geq 65\text{dB}$

Intermodulation rejection ratio : $\geq 58\text{dB}$

Data receiving sensitivity : $\leq 0.2\text{uV}$ (Received correctly)

AM radio receiver frequency : 500KHz-9999KHz

Note: Specifications are subject to change without notice.