

MARINE COMMUNICATION AND NAVIGATION EQUIPMENT

ISO9001 Supplier

Class Certificate

Export Supply

Fisheries Dedicated Radio (Dual Signaling)

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                                    |

CONTENTS

- Fisheries Dedicated Radio (Dual Signaling)
  - (2).Technical Specifications
  - The transmitter section :
- (1).Main function
  - Main unit section :
  - Receiver section :

## 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 :  $\leq 20$ ppm  
Output power :  $\leq 25$ W  
Modulation limit :  $\leq 5$ KHz  
Audio distortion :  $\leq 7\%$   
Modulation characteristics :  $\pm 3$ 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.**