**)、Main function**   
**1、General voice calls**   
**2、Distress urgency and safety communications, ship operating requirements, public business communication**   
**3、DSC system**   
**Distress emergency call**   
**Individual call**   
**Group call**  
**All ships call**   
**Sea Area call**   
**Ship position request call**   
**DSC test**  
**4、DSC distress message storage and readout (distress  messages 24 ,  Other message 24)**   
**5、Frequency scan**   
**6、32 commonly used ship No. memory**   
**7、 8 commonly used group call code memory**   
**8、The number of memory channels**   
**160 users can be set**  
**249 ITU (International Telecommunication Union) SSB (SSB) duplex**  
**124 ITU SSB simplex channels**  
**9、Built-in GPS functionality**  
**10、Manually enter the ship's position information function**  
**11、Automatic / semi-automatic ship business**  
   
**(2)、Technical Specifications**  
**1、Overall Specifications**  
**1）Frequency range (unit: MHz)**  
**Receiver：0.5-29.9999**  
**Transmitter：1.6-2.9999**  
**4.0-4.9999**  
**6.0-6.9999**  
**8.0-8.9999**  
**12.0-13.9999**  
**16.0-17.9999**   
**18.0-19.9999**   
**22.0-22.9999**   
**25.0-27.5000**   
**2）DSC Channel：2187.5kHz，4207.5kHz**   
**6312.0kHz，8414.5kHz**   
**12577.0kHz，16804.5kHz**   
**3）Emission type：**  
**Transmitter：J3E（USB/LSB），H3E**   
**J2B（AFSK）**  
**DSC  Receiver：J2B**   
**4）The number of memory channels：160 users can be set，249 ITU SSB Duplex，124  ITU SSB Simplex**   
**5）Antenna connector：SO-239×2（50Ω）**  
**6）Operating temperature range:：-30℃~+60℃，-22°F~140°F（This Unit is only warranty secured a range of -20 ℃ ~ +55 ℃）**  
**7）Frequency Stability：（-20℃~+55℃，The battery is connected , after five minutes）**  
**Transmitter：±10Hz**   
**DSC Receiver：±10Hz**  
**8）Power supply：DC 13.8V ±15%**  
**9）Current consumption**  
**Transmitter  : maximum power，30A**  
**Receiver  : maximum audio 2.0A**  
**10）Dimensions**  
**Main unit：240（L）\*70（H）\*200（W）mm**  
  
**2、Transmitter**  
**Output power：150 / 60W**  
**Carrier suppression：- 40dB**  
**Unwanted sideband suppression：- 45dB**  
**Harmonic component：- 40dB**  
**Parasitic components：- 60dB**  
  
**3、Receiver**  
**1）Sensitivity**  
**J3E，A1A**  
**30dBuV emf（0.5~1.59999MHz）**  
**13dBuV emf（1.6~1.79999MHz）**  
**8dBuV emf（1.8~29.9999MHz）**  
**J2B**  
**13dBuV emf（1.6~1.79999MHz）**  
**8dBuV emf（1.8~29.9999MHz）**  
**J3E**  
**44dBuV emf（0.5~1.59999MHz）**  
**30dBuV emf（1.6~1.79999MHz）**  
**24dBuV emf（1.8~3.9999MHz）**  
**DSC Receiver Sensitivity**  
**When 20dB，≤ 2uV(all channels)**  
**2）Spurious response :**  
**Receiver: ≥ 70dB**  
**DSC Receiver：≥ 60dB**  
**3）Total distortion factor：≤ 5%**  
**4）Block ：≥ 100dBuV**  
   
**Note: Specifications are subject to change without notice.**