

# Two-way VHF radiotelephone

JHS-207



- Floating GMDSS two-way VHF radiotelephone
- Access to all maritime VHF channels with rechargeable battery
- Preset emergency mode when connected to primary battery
- Excellent microphone noise cancelling



## Category

All vessel types



Deepsea



Workboats



Fishing



Yachting

# Features |

The JHS-207 two-way VHF radiotelephone is an innovated “two-in-one” radio, which gives the user the opportunity to access both standard GMDSS channels and all maritime VHF channels. The floating VHF radiotelephone equipment meets the GMDSS mounting carriage requirements.

- Excellent sound quality under all conditions
- Intuitive and easy-to-use design, lightweight and compact
- Depending on the installed battery, automatically switch to emergency mode and regular mode
- Large-capacity battery pack enables long-time operation of 12 hours
- Up to 57 channels can be used in regular mode

# Intuitive design |

The JHS-207 has an intuitive and easy-to-use compact design which only weighs 0.3 kg including battery pack. The small and compact two-positioning charger is easy to install and allows the user to access vital information on the display while charging. The lightweight design will help to prevent fatigue during prolonged use.

# Floating |

The VHF has a watertight facility socket and is the first portable two-way VHF radiotelephone that floats without a buoyancy cover. Additionally a range of waterproof accessories are available to complete the package.



# Emergency mode |

The JHS-207 two-way VHF radiotelephone has the ultimate functional design. Every detail has been developed based on user functionality, both in an emergency situation (emergency battery) and in general on board communications (rechargeable battery). When connecting the emergency battery, the radio is automatically in preset emergency mode. Only emergency required features are accessible, thus reducing critical manual radio adjustment time for the user.



# Battery |

The large-capacity battery pack enables long-time operation of 12 hours<sup>1</sup> so you can use it with confidence for a prolonged time even in an emergency.

<sup>1</sup>Ratio during sending 10: receiving 10: standby: 80

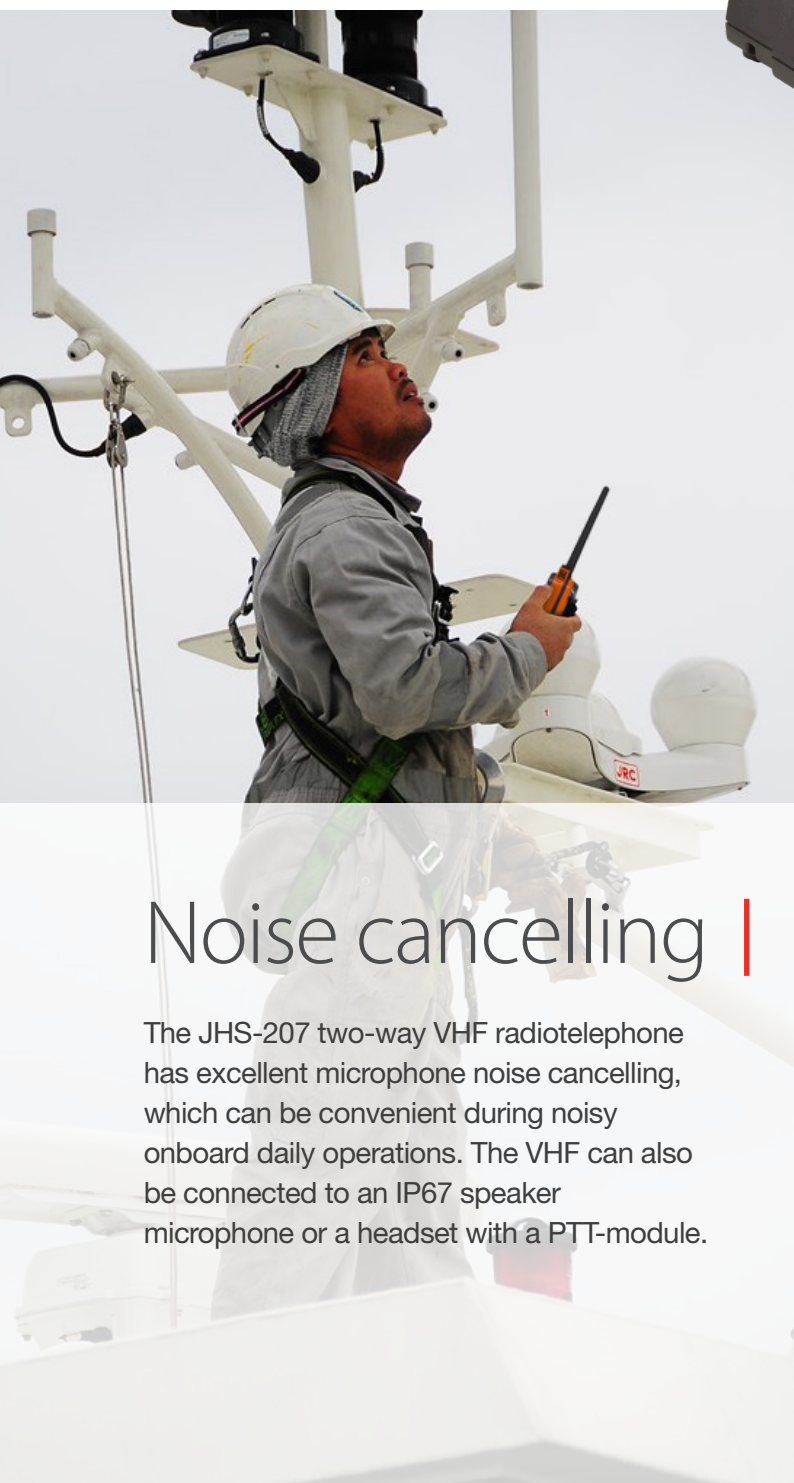


# Full VHF channels |

Up to 57 channels equivalent to the marine VHF radiotelephone can be used in regular mode.

# Noise cancelling |

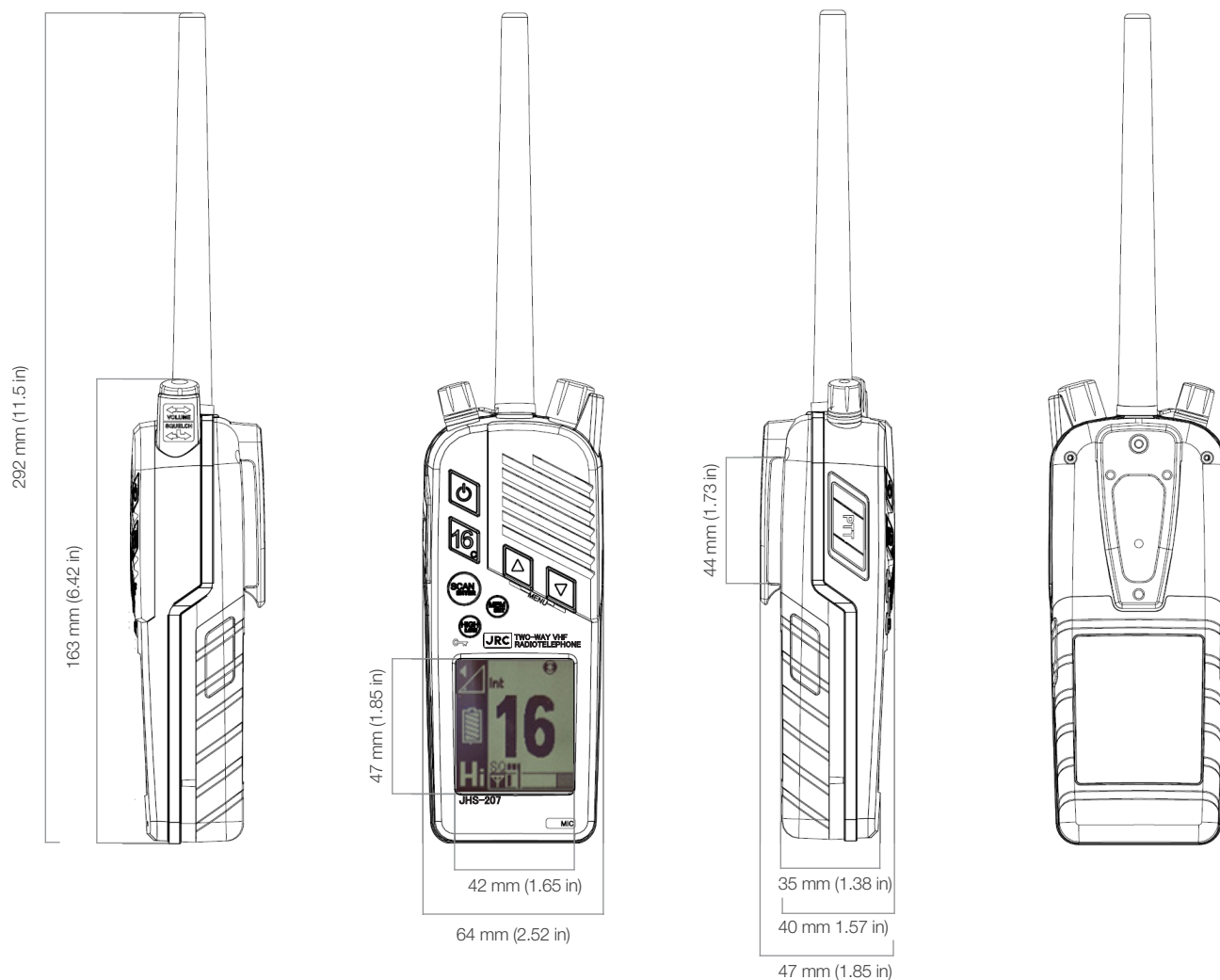
The JHS-207 two-way VHF radiotelephone has excellent microphone noise cancelling, which can be convenient during noisy onboard daily operations. The VHF can also be connected to an IP67 speaker microphone or a headset with a PTT-module.



# Tech Specs |

Two-way VHF radiotelephone RoHS

JHS-207 Weight Radio with emergency / rechargeable battery: Approx. 0.3 kg (0.66 lbs)



## In the box

### JHS-207M

- Two-way VHF radiotelephone JHS-207
- Emergency battery NBB-789  
(non chargeable)
- Rechargeable battery NBB-748
- Battery charger NJD101037
- Power supply NJD101038
- Instruction manual

## Optional

- Speaker microphone 7UMJD0021
- Push-to-talk (PTT) module NJD19601
- Headset NJD103000
- Carry case with strap 7ZZJD0128
- Multi battery charger (kit) NZB-191
- Earphone mic 7UMJD0022

# Specifications |

Technical	Emergency mode	Regular mode
Frequency range	154.000-157.425 MHz	154.000-161.875 MHz
Channel spacing	25 KHz	25 KHz
Operating temperature range	-20 to +55 °C	-20 to +55 °C
Battery operating time	12 h (10:10:80)	Typ. 12 h (5:5:90) medium power
Size	64 mm×163 mm×40 mm (Depth with belt clip 47 mm)	64 mm×163 mm×40 mm (Depth with belt clip 47 mm)
Operating channels	21 channels	Up to 57 channels
Weight	Approx. 0.3 kg	Approx. 0.3 kg
<b>Receiver</b>		
Maximum usable sensitivity	< 1 µV at 20 dB SINAD	< 1 µV at 20 dB SINAD
Adjacent channel selectivity	> 70 dB	> 70 dB
Blocking	> 90 dB	> 90 dB
Spurious response	> 70 dB	> 70 dB
Harmonic distortion	< 5 %	< 5 %
Intermodulation rejection	> 68 dB	> 68 dB
Channel monitoring	DW	DW/TW/Scan
<b>Transmitter</b>		
Transmitter output power (fully charged battery)	Lo: 1 W, Hi: 2 W	Lo: 1 W, Mid: 2 W (default), Hi: 4 W
Harmonics and spurious	< 0.25 µW	< 0.25 µW
Frequency error	Within ±1.5 kHz	Within ±1.5 kHz
Adjacent channel power	< -70 dBc	< -70 dBc
<b>Approval standards</b>		
EMC / Environmental	IEC 60945 / ETSI EN 301 843-2	IEC 60945 / ETSI EN 301 843-2
VHF	IEC 61097-12 / ETSI EN 300	ETSI EN 301 178
<b>Charger</b>		
Operating power source	100-240 VAC (with power supply)	
Mounting	Wall and table mountable	
Size	92 mm×74.5 mm×114.2 mm	
<b>Battery</b>		
	<b>Emergency battery (non chargeable)</b>	<b>Rechargeable battery</b>
Chemical system	Lithium/Iron Disulfide (Li/FeS <sub>2</sub> ) Battery	Lithium Polymer Battery
Voltage	6V Nominal	7.4V Nominal
Capacity	3000 mAh	1550 mAh



ALPHATRON  
Marine



[www.jrc-world.com](http://www.jrc-world.com)

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