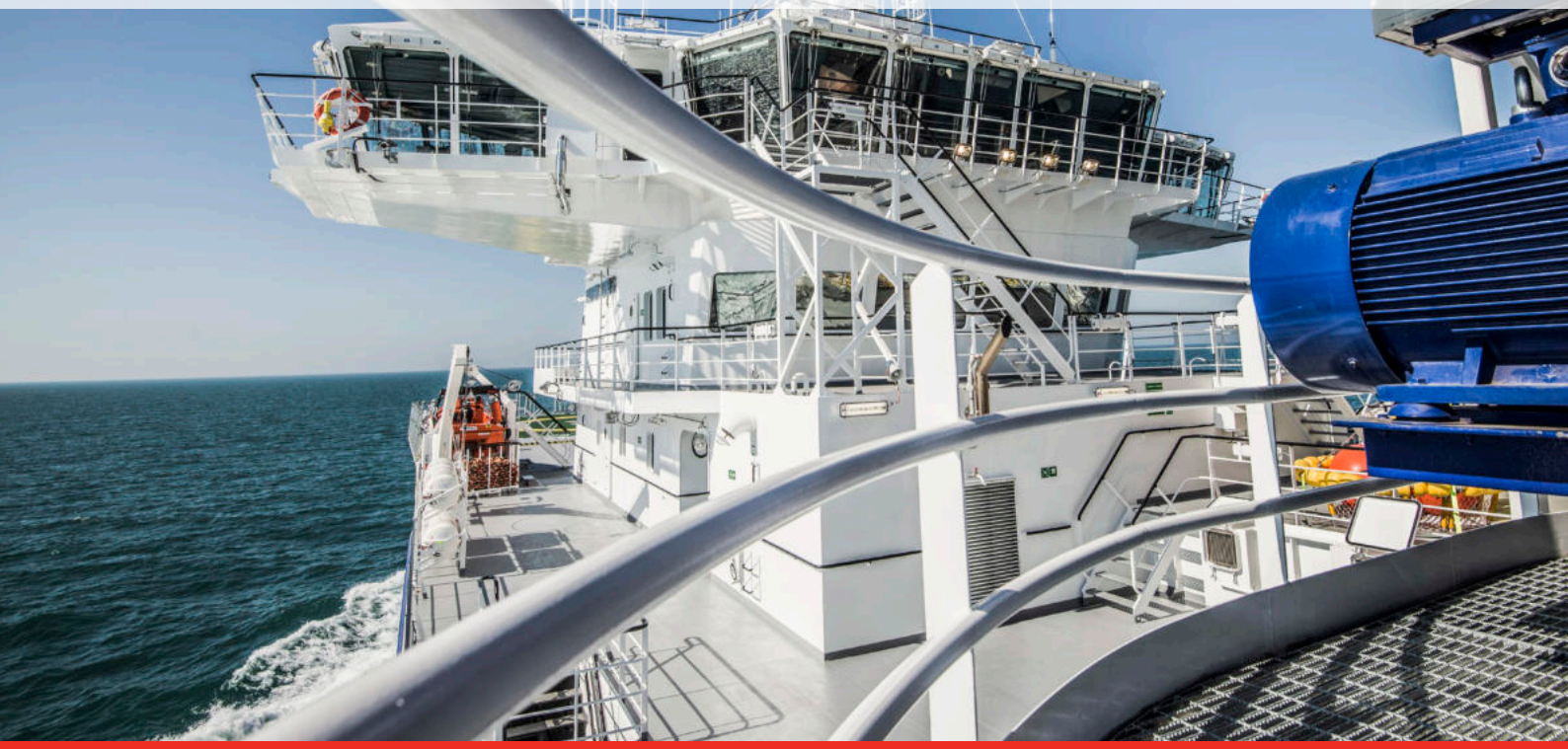
Two-way VHF radiotelephone

JHS-207



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



Category

All vessel types

Deepsea

Workboats

Fishing

Yachting

jrc-world.com

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 carriagements.

- 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[1] so you can use it with confidence for a prolonged time even in an emergency.

[1]Ratio during sending 10: receiving 10: standby: 80





Full VHF channels

Up to 57 channels can be used in regular mode and 54 channels equivalent to the two-way VHF radiotelephone device can be used.

Microphone

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.

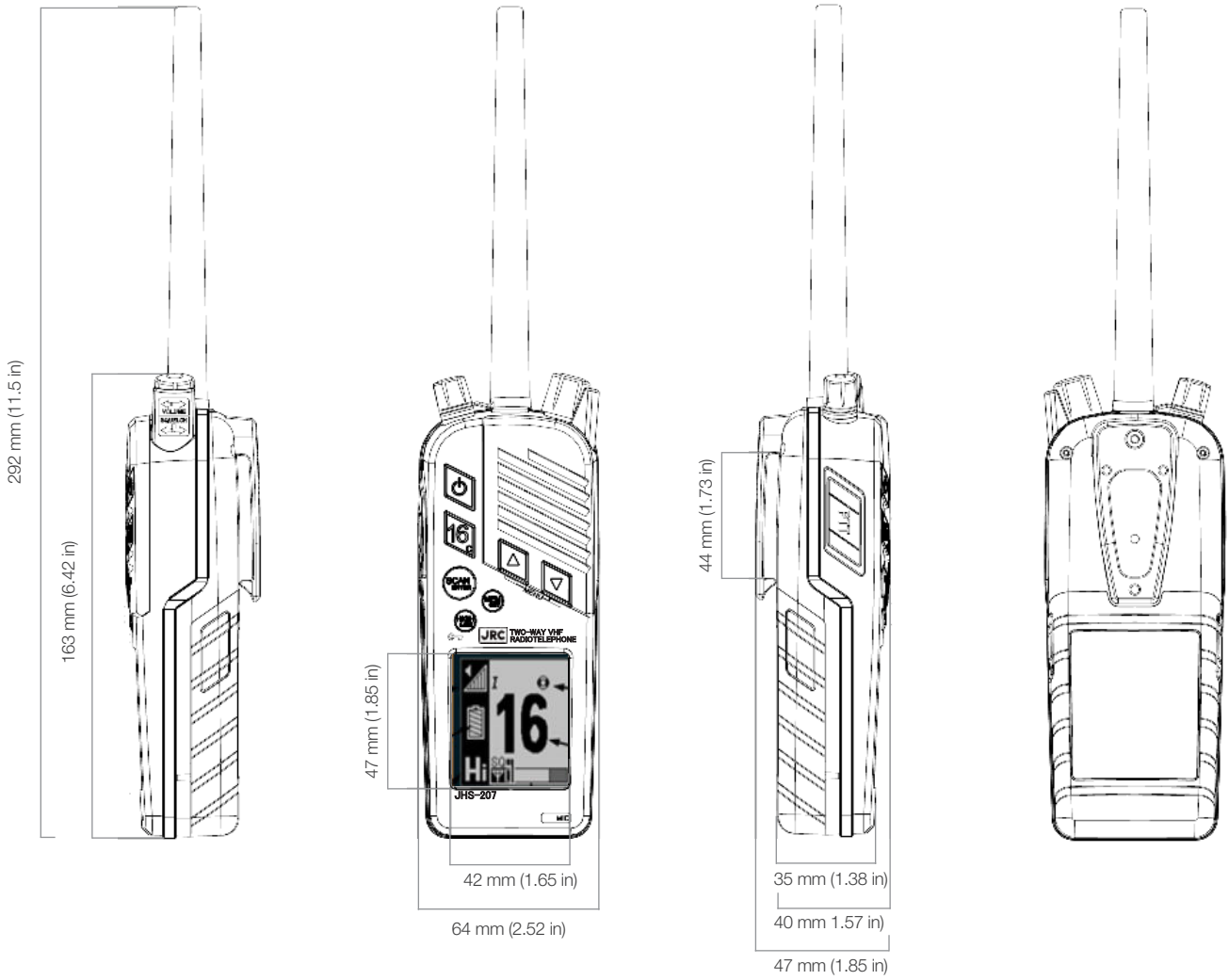


Tech Specs

Two-way VHF radiotelephone RoHS

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

Weight Radio with rechargeable battery: Approx. 0.295 kg (0.65 lbs)



In the box

JHS-207M

• Two-way VHF radiotelephone	JHS-207
• Emergency battery (nonrechargeable)	NBB-789
• 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 battery (non chargeable)	Rechargeable battery
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 (10:10:80) medium power
Size (WHD)	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. 0.295 kg
Receiver		
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
Transmitter		
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
Approval standards		
EMC / Environmental	IEC 60945 / EN 301 843-2	IEC 60945 / EN 301 843-2
VHF	IEC 61097-12 / EN 300 225	EN 301 178

Charger	
Operating power source	100-240 VAC (with power supply)
Mounting	Wall and table mountable
Size (WHD)	92 mm×74.5 mm×114.2 mm

Battery	Emergency battery (non chargeable)	Rechargeable battery
Chemical system	Lithium/Iron Disulfide (Li/FeS2) Battery	Lithium Polymer Battery
Voltage	6V Nominal	7.4V Nominal
Capacity	3000 mAh	1550 mAh

www.jrc-world.com

Centers of Excellence

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Product and/or specifications could change without notice

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