

GMDSS VHF RADIO R2

The McMurdo R2 GMDSS fully featured 19 channel VHF radio fits securely and comfortably in the palm of the hand. The R2 GMDSS has been built to meet the latest stringent IMO, GMDSS and ETSI standards. This reliable and easy to use radio is 100% waterproof and drop tested to cope with the toughest marine environments.



- Fully featured all 19 Simplex channels as permitted by GMDSS legislation
- Superior voice quality and fully waterproof
- 2.5 watts RF output
- Selectable dual/tri watch function
- Priority channel
- All channel memory scan
- 8 hour battery life at -20°C
- Variable LCD display illumination
- Approved to latest GMDSS, IMO, ETSI Resolutions



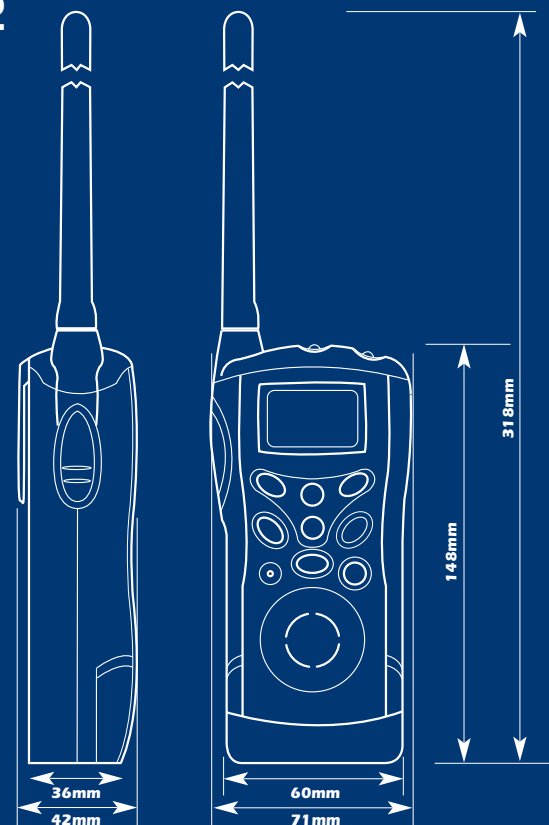
Wheelmark Approved

To comply with GMDSS resolutions, the R2 GMDSS is fitted with a Lithium battery. To enable day to day to use of the radio a Nicad battery and charger are also available.

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| General Performance and Approvals: | in accordance with the minimum requirements of ETS300-225. IMO Resolutions A 694(17) and A809 (19) ITU regulations appendices 18 and 19 SOLAS 1974 and amendments EN 60945 (EMC) EU Marine Equipment Directive (Ship's Wheel) FCC Part 80 GMDSS Rules (CFR47) |
| Electrical: | |
| RF output power: | 2 settings 2.5 Watts/1 Watt |
| Number of channels R2 GMDSS: | 19 Simplex channels (6,8,9,10,11,12,13,14,15,16,17,67,68,69,71,72,73,74,77) as permitted by GMDSS legislation |
| Frequency range: | 155 - 163MHz |
| Channel spacing: | 25KHz |
| Receiver A.F. output power: | 0.4 Watts |
| Maximum usable sensitivity for 20 dB SINAD: | < .5µV |
| Selectivity: | 70dB (± 25kHz) |
| Intermodulation: | 70dB |
| Blocking: | 90dB |
| Spurious response: | 70dB |
| Harmonics and spurious emissions: | <.25µWTx, <1nWRx |
| Operational function: | Dual watch. Scan memory. Squelch. Volume. Scan all (with delete). Scan Priority. Tri-watch (16, priority, working channel). All the above subject to requirements of national regulatory authorities. Illumination: Channel up/down, on/off, high/low power |
| Display: | LCD indication of channel and other operational parameters. |
| Antenna: | Removable - stud mounted for strength |
| Weight R2 GMDSS: | Radio with Lithium battery 370g |
| Environmental | |
| Operating temperature range: | -20°C to +55°C |
| Storage temperature range: | -30°C to +70°C |
| Vibration: | To EN 60945 |
| Waterproof: | Fully submersible to a depth of 1m including a 45°C thermal shock |
| Drop resistance: | Will withstand a 1m drop on any face onto a hard surface |
| Environment: | Corrosion proof, UV resistant, oil resistant |
| Battery: | Replaceable without use of special tools. a). Primary lithium battery b). 850mAh Nicad battery |
| Battery life: | Lithium 8 hours minimum at -20°C (10% (high power transmit, 10% receive, 80% squelched) |
| Battery charger for Nicad battery: | 12Vdc Rapid and Trickle chargers are available with integral bulkhead mounting feature |
| Battery charger Mains adaptor: | UK 240v AC. European 230v AC & USA 115v AC versions are available |
| Accessories: | Carrying case, remote antenna adaptor |

technical specifications

VHF RADIO R2



Ordering Information

| Model | Part No. |
|---|----------------|
| R2 GMDSS Radio (No battery or charger) | 84-201 |
| R2 GMDSS Lithium Battery | 84-210 |
| R2 850mAh Nicad Rechargeable Battery | 84-211 |
| R2 12V DC Trickle Charger | 84-215 |
| R2 12V DC Rapid Charger | 84-216 |
| R2 Trickle Mains Adapter (available for UK, Euro and USA Mains) | Please specify |
| R2 Rapid Mains Adapter (available for UK, Euro and USA Mains) | Please specify |

To comply with UN regulations for transportation, as of January 2003 any products containing lithium batteries will be classified as UN Hazardous Class 9

Other equipment in the McMurdo range includes EPIRBs, PLBs, SARTs, UAIS, VHF radios, DSC VHF radios, survivor location lights, ICS NAVTEX equipment and Pains Wessex pyrotechnics.

AUTHORISED DEALER

