

Digital Repeater System

RD985



This dual Digital and Analog UHF repeater acts as the core of a yacht's digital radio communication

Transmitted power of up to 50W from mast mounted antennas, extends the range of crew handhelds throughout the vessel and to tenders

Network capability connects to other systems on support vessels or base stations via VSAT Internet connection

PRODUCT SPECIFICATIONS:

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|------------------------|---|
| FREQUENCIES: | UHF1: 400-470MHz |
| CHANNEL CAPACITY: | 16 |
| CHANNEL SPACING: | 12.5KHz |
| OPERATING VOLTAGE: | 13.6 VDC (External Power Supply Included) |
| DIMENSIONS (H x W x D) | 483 x 88 x 366 mm (2U Rack Mount) |
| WEIGHT: | 8.5 kg |
| LCD DISPLAY: | 220 x 176 pixels, colour transfective, 4 rows, 2.0" |
| RF POWER OUTPUT: | 5W - 50W |
| ANTENNA IMPEDANCE: | Dual 50Ω |
| DIGITAL PROTOCOL: | ETSI-TS102 361-1-2-3 |
| OPERATING TEMP: | -30°C to +60°C |
| AMERICAN MIL STD: | MIL-STD-810 C/D/E/F/G |

Site Survey & Configuration :

In order to optimise system performance, the repeater, handsets and links to other sites need to be configured as part of a complete vessel system

Channel 28 provides a complete service including onboard surveys to determine RF performance, system and hardware configuration and on-site commissioning

Provided as Standard

- Power cord
- Power supply

Accessories Supported

- Palm microphone
- Desktop microphone
- Maintenance kits
- Installation accessories
- Mounting brackets
- Additional power supplies

C-Comm

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