LT3100 GMDSS Satphone

GMDSS with combined Voice & Data

The LT-3100S GMDSS system offers both voice and data capabilities in addition to certified GMDSS function with 100% global service. Iridium’s NEXT constellation provides this terminal with unparalleled A4 coverage for satellite safety services.

The system consists of a control unit, handset and antenna. A single cable solution connects the control unit with the antenna unit. Using a standard coaxial cable, the antenna and control unit can be positioned up to 500m apart, giving the freedom to mount the antenna in the best possible location for line of sight to the satellite.

A powerful yet compact communications platform

In addition to providing a GMDSS solution the LT3100S can be used as the primary satellite communication solution on vessels, covering the basic communication needs in terms of connectivity between the ship and shore. The small form factor of the unit means that that it can be easily utilised on smaller vessels or be fitted into an existing bridge solution without the space requirement consideration of a traditional console GMDSS system.

The system provides safety voice, standard voice, SMS, IP data and other Iridium services with the only truly global network, making it the perfect satellite communication product on board any vessel. It also offers SSAS and LRIT functionalities.

The LT-3100S GMDSS System is designed and built for the demanding and harsh maritime environment with a large operational temperature range and an immersion ingress protected antenna.

In addition to its rugged design, the system can be customized to suit your specific communication needs. The option to connect to use SIP or POTS phones (via an adapter), a built in webserver for easy configuration and maintenance and the facility to use Bluetooth for a private area network all enhance this compact system for use as your primary solution on board.

Find further information overleaf alongside details of your local
Features & Specifications

Certification & standards: Maritime CE, FCC, ISED, RCM, RED, MED (Wheel Mark), RoHS 2, Iridium®.

Dimensions Control Unit: 22.4 x 12 x 7 cm
Dimensions Handset Unit: 20.8 x 5.2 x 3.8 cm
Dimensions Antenna Unit: 15cm x 15cm
Weight Control Unit: 658g
Weight Handset Unit: 290g
Weight Antenna Unit: 687g

Connectivity:
1x RJ45 Ethernet interface
1x Handset telephone port
1x DC Power input
1x Antenna Port

Operating Temperature: -40°C to +55°C

Ingress Protection:
Control Unit: IP32
Handset Unit: IP32
Antenna Unit: IP67

Power Supply: 12-36v

Standard Delivery:
- Control Unit
- Wired Handset
- Control Unit Cradle
- Antenna Unit
- Bracket Mount, Control Unit
- Power Cable, 3m
- Stainless steel A4 screws for mounting
- User & Installation Manual

Optional LT-3140S Interface unit can be provided to support:
GMDSS Alarm Panels, GMDSS Printer, SSAS Alarm & Test Buttons, ECDIS & Bridge Alert Maintenance (BAM).

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