



# LT-3100S GMDSS SYSTEM

MARITIME



The first terminal for truly global  
GMDSS service





**100% GLOBAL GMDSS  
COVERAGE**

**SINGLE CABLE SOLUTION  
(UPTO 500M)**

**ESPECIALLY DESIGNED  
FOR THE ROUGH  
MARITIME ENVIRONMENT**

**MAINTENANCE VIA  
BUILT-IN WEBSERVER**

**COMPACT AND EASY  
TO INSTALL**

Especially designed for the demanding and rough environment at sea, the LT-3100S GMDSS System is the first terminal that offers 100% global GMDSS coverage on Iridium's satellite network. Compact and easy to install, LT-3100S is equipped with GMDSS services such as Distress Alert, Safety Voice, and Maritime Safety Information (MSI) and operates between a broad temperature range of  $-40^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ . LT-3100S can be used as the primary communications product onboard all IMO vessels.

Requiring no yearly maintenance thanks to a built-in webserver, LT-3100S provides voice, data, SMS, vessel tracking, and more services from Iridium at competitive airtime charges. The single cable solution connects the control and antenna units, and the coaxial cable offers freedom to mount the antenna upto 500m apart.

With a high-performance GNSS/GPS receiver, SSAS and LRIT functionalities, BAM and ECDIS interfaces, LT-3100S is the perfect communications system at sea.

## CHARACTERISTICS

- Weight
  - Control Unit: 658 g
  - Antenna Unit: 687 g
  - Handset: 290 g
- Dimensions
  - Control Unit: 224.0 x 120.0 x 70.0 mm
  - Antenna Unit: 151.1 x 149.5 mm
  - Handset: 208.8 x 52.8 x 38.2 mm
- Operational temperature ( $^{\circ}\text{C}$ )
  - Control Unit and Handset:  $-15^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$
  - Antenna Unit:  $-40^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$
- IP Rating
  - Control Unit and Handset: IP32
  - Antenna Unit: IP67
- High-performance GNSS/GPS receiver
- Distress Alert & Safety Voice
- Maritime Safety Information (MSI)

- Ship Security Alert System (SSAS)
- Support for external alarm panels
- Support for GMDSS printer
- Support for Bridge Alert Management (BAM)
- Long Range Identification and Tracking (LRIT)

## IN THE BOX

- LT-3110S Control Unit
- LT-3120 Handset
- LT-3121 Cradle
- LT-3130 Antenna Unit
- Bracket Mount, Control Unit
- Power Cable, 3m
- Stainless steel A4 screws for mounting
- User & Installation Manual
- Unit Test Sheets