

SAILOR TT-3064A MINI-M

Extremely compact, low-cost maritime satellite phone (w. fax)



Whether you are on a yacht, a commercial vessel or a fishing boat the SAILOR TT-3064A mini-M will cover all your basic communication needs. Apart from standard phone services, it handles both fax and e-mail.

With the SAILOR mini-M, worldwide communication is simple and cost-effective. It is as easy to use as a standard cell phone, yet its reach spans the oceans. The SAILOR mini-M operates within the Inmarsat spot beams, which cover all coastal waters and most maritime routes at very competitive prices.

The lightweight and compact terminal is perfect for small and medium sized vessels with basic communication needs. Professional users can always rely on the SAILOR mini-M for communication with the home office (or just the home), for inventory and weather reports, customs reports etc.

SAILOR TT-3064A mini-M provides:

- Phone
- Fax
- E-mail
- SIM card operation, providing the option of multiple users and individual billing
- Encryption option for confidential communication
- Crew calling (each crew member has his own account)
- Phonebook
- Remembers the last 50 calls



The basic system

The basic system consists of an antenna, a transceiver, a switch box together with a handset and a cradle. The system acts as an integrated communication centre, providing links to phones, fax machines and computer networks.

- TT-3007C Antenna
- TT-3617A Fax/Phone Switch
- TT-3034B mini-M Transceiver
- TT-3622A Handset/Cradle

Specifications

Inmarsat Phone spot-beam operation. Meets or exceeds current and proposed specifications.

General

Approvals:	Inmarsat (76TT02) & R&TTE (73/23/EC)
Spot Beam Services:	
Voice:	4.8 kbps mini-M voice
Fax:	2.4 kbps Group III fax
Data:	2.4 kbps Async
Frequency Band:	
Receive:	1525.0-1559.0 MHz
Transmit:	1626.5-1660.5 MHz
Channel Spacing:	1.25 kHz
Interfaces:	1 RJ-11, for 2-wire telephone/fax 1 RS-232 serial port, for PC/Laptop SIM Card Slot, ISO-7816
Power Supply and Consumption:	10.5 – 32 VDC floating
Maximum:	70W

Environmental Conditions

Ambient Temperature:	-25°C - 50°C operating, -40°C - 80°C storage
Relative Humidity :	95% noncondensing at 40°C
Vibration (EME):	4-10 Hz 2.54 mm, 10-15 Hz 0.76 mm 15-25 Hz 0.40 mm, 25-33 Hz 0.23 mm

Ship Motions

Roll:	+/-25 deg, Pitch +/-15 deg, Yaw +/-8 deg surge 0.2g, Sway +/-0.2g, Heave +/-0.5g. Turning rate +/-12 deg/s 1 deg/sq-2, Headway knots
Shock:	Half sine, 20g/11 ms.

Features

- Mini-M voice (4.8 kbps). Inmarsat spot beam coverage
- Fax, group III, 2.4 kbps, with a separate number
- Data, 2.4 kbps
- Very compact and light-weight design
- Easy installation and configuration
- World's smallest tracking antenna

Dimensions and weight

Electronics Unit (TT-3034B):	H x W x D: 25 x 268 x 211 mm (1.0" x 10.6" x 8.3")
Weight:	1.3 kg (2.9 lb)
Maritime Stabilised Antenna: (TT-3007C) incl. FEU and connector	Ø x H: 210 x 240 mm (8.3" x 9.5")
Weight:	2.2 kg (4.8 lb)
Cradle for the handset (TT-3622A):	H x W x D: 160 x 61 x 27 mm (6.3" x 2.4" x 1.1")
Weight:	0.15 kg (0.3 lb)
Handset (TT-3620C):	H x W x D: 200 x 52 x 33 mm (7.9" x 2.0" x 1.3")
Weight:	0.25 kg (0.6 lb)

