

SP2000M Inmarsat Maritime Global Phone

For Worldwide Voice, Fax, and Data Communications



The Maritime Satellite Phone for people who need to stay in touch no matter where they go!

Global Communications Solutions, Inc. offers the SP2000M Maritime Global Phone for shipboard telephone communications. This compact Inmarsat Mini-M satellite phone provides access to the rest of the world using the latest Inmarsat 3rd generation satellites.

Features and Benefits:

- Provides voice, fax, and data service to the rest of the world, including e-mail.
- Easy menu-driven operation.
- Ten inch high stabilized antenna; fits most small boats.
- Low power consumption.
- Extremely light weight.
- New reduced cost per minute for traffic.

Applications:

- Ideal for pleasure boats: maintain contact with home or office.
- Navy and Coast Guard communications.
- Communications for oil exploration and other coastal operations.
- Voice, e-mail, and fax from your fishing vessel or workboat.



GLOBAL COMMUNICATIONS SOLUTIONS, Inc.

SP2000M Technical Data Specifications

Antenna

Weight:	4.8 lbs. (2.2 kg)	Size:	8.30" Dia. X 9.6" H (210 mm Dia. X 240 mm H)
Type:	Sensor stabilized platform with directional RHCP antenna, no cable unwrap		
Stabilization:	Roll +/- 25Deg Pitch +/- 15 deg. Yaw +/- 8 deg. Surge 0.2g	Sway +/-0.2g Heave +/- 0.2g Turning rate +/- 12 deg/s Headway 30 knots	

Antenna Cable: TNC/TNC plug (female), max. cable loss 15 db at L-Band, max. 1.8 ohm at DC.

Transceiver

Weight:	2.86 lbs. (1.3kg)	Size:	10.6" X 8.3" X 1" (268 mm X 211mm X 25 mm)LWH
Power Supply:	10 to 32 VDC floating		
Operating Frequencies:	Receive 1525.0 - 1559.0 Mhz Transmit 1626.5 - 1660.5 Mhz		
EIRP:	8-14 dBW in 2 dB steps	G/T:	-17 dB/K minimum
Phone Interface:	2-wire 600 ohm CCITT Rec., G.473, Standard DTMF, telephones		
Fax Interface:	2-Wire 600 ohm CCITT Rec., G.473, T.30 Group III Fax, Max 2.4 kbps, RJ-11 jack.		
Printer Interface:	Serial EIA standard RS-232E, Max 19.2 kbps, DB-9 female connector		
Data Interface:	Serial EIA standard RS-232E, Hayes Compatible, Max. 19.2 kbps, DB-9 female connector		
Asynchronous data rate:	Max. 2.4 kbps	Hands Free Microphone Connector:	2.5 mm
External Speaker Impedance:	32 ohms	External Speaker Connector:	3.5 mm

Environmental Ranges:

Ambient Temperature:	-25°C to +50°C Operating -40°C to +80°C Storage
Relative Humidity:	95% Non-Condensing @ 40°C
Wind (EME):	100 Knots (normal operation)

Optional Accessories and features:

MK2000 - Handsfree loudspeaker/Microphone kit
SP2000/SIM - SIM card
SP2000/STU - STUIII or STUIIB Upgrade Software

Specifications subject to change without notice DS-201A 1199 2M



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