



MAT-SF2500

Ideal for: Powered assets, fishing vessels and leisure vessels

MAT-SF2500 is a voice satellite terminal with a built-in GPS tracking system, specially designed for reliable performance in harsh and unpredictable maritime environments.

Affordable, easy-to-install and user-friendly, the MAT-SF2500 enables users to make satellite voice calls to any phone in the world. Because the Thuraya network covers more than two-thirds of the globe, the MAT-SF2500 offers you the security of reliable connectivity, even when your vessel is out of cellular range.

MAT-SF2500 features an alert button for triggering an emergency alert to pre-configured contacts, an in-built GPS tracking system and SMS services through its easy-to-use menu on the large colour LCD screen.


MAT-SF2500 is a robust, versatile and cost effective solution, ideal for small to medium-size fishing vessels, leisure vessels and other powered marine assets.

Key Features

- GPS tracking & alerting functionality
- Alert button for triggering an emergency alert to pre-configured contacts via SMS
- Make voice calls and send SMS messages with an easy-to-use colour display
- Cost effective for voice calls and SMS
- Tough and reliable
- Integrated 20 channel GPS
- Dimensions: 20.5 x 19.0 x 8.0 cm
- Operating temperature range: -10 to +55° C
- Mass: 1.1 kg



MAT-SF2500 TECHNICAL SPECIFICATION

PHYSICAL	
Dimensions	Base terminal: 20.5 cm x 19.0 cm x 8.0 cm; passive antenna: 9.5 cm (Dia.) x 15.0 cm (H); active antenna: 21.0 cm (Dia.) x 18.0 cm (H)
Mass	Base terminal 1.1 kg; passive antenna 300 g; active antenna 1.7 kg
ENVIRONMENTAL	
Operating temperature range	Base terminal: -10°C ~ +55°C; antenna: -25°C ~ +55°C
Operating humidity	Up to 95% (non-condensing) at 40°C
Environmental rating	Base terminal: IP30; antenna: IP66
POSITION REPORTING	
Automatic position reporting	Yes
Change reporting interval	Yes
On-demand position reporting	Yes
POWER	
DC input range (isolated)	10.8 – 31.2 V dc
Power (max)	10 W
SATELLITE	
Satellite service	Thuraya Telecommunications Company
Coverage	
ALERTS	
Emergency alert button	Alert button for triggering an emergency alert to pre-configured contacts via SMS
GPS	
Type	Integrated
Channels	20
Accuracy	<10m 95%
Fix time	Hot start <1 second; warm start <30 seconds; cold start <35 seconds
INTERFACES	
External interfaces	Alert button; satellite antenna connector (N-Type female); GPS antenna connector (TNC female); corded handset connector (RJ9); SIM card connector; RS232 connector (DB-9); DC power supply input socket; power on/off switch; External Ringer output port; external alert button input port; mini-USB (this is ONLY for maintenance purpose)