TranSAT Fixed Satellite Telephone RST620B

LAND Solutions

SEA Solutions

IMAGES ARE NOT TO SCALE

iridium Remote Satellite Systems INTERNATIONAL

BEAM®

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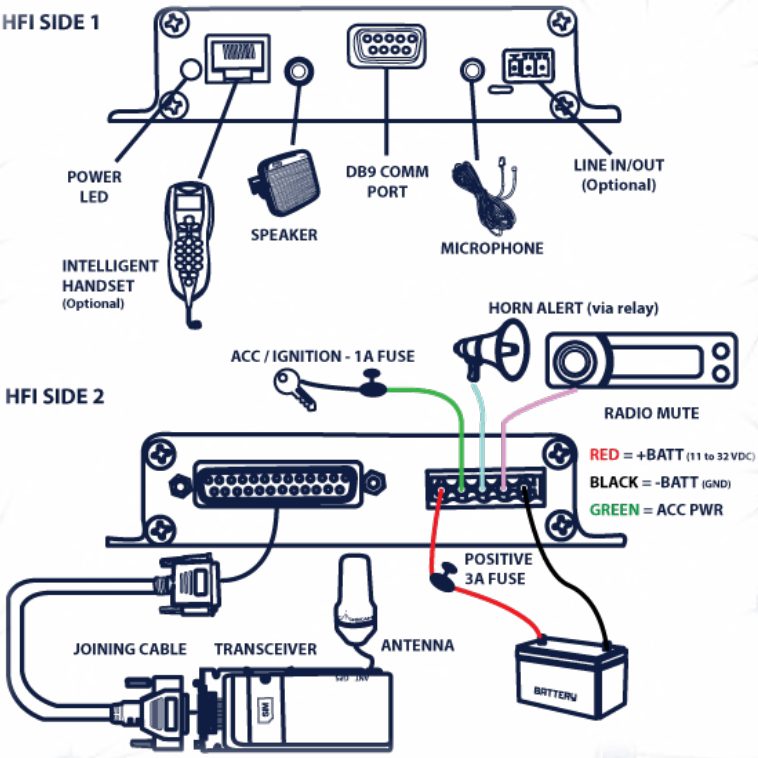

The Beam TranSAT Fixed Satellite Telephone provides a complete handsfree voice and telephone for a wide range of mobile and fixed site applications where easy access to reliable voice and data communications is required.

The terminal provides a compact fully functioned user handset and supports both handsfree and privacy modes of operation, automatically switching between either mode with the handset in or out of the cradle.

The system can also be used as a permanent non handsfree solution simply by not connecting the microphone. The loud ring indication through the speaker system makes it an ideal installation in a noisy environment.

The RST620B is equipped with an RS232 serial data port to access Iridium data services.

KEY FEATURES

- Slim line compact installation
- Voice, SMS, SBD and Circuit Switched Data capable
- Compact fully functional user handset for privacy mode
- Full Duplex Handsfree calling
- Echo canceling technology
- Mic/Audio Integration to communication systems
- Horn Alert/Radio Mute capable
- RS232 D9 Serial Interface
- 11-32V Power input
- Auxiliary and constant power
- Accessory/Ignition sense
- SMA Connectors – Iridium Antenna
- 12 month repair or replacement warranty

data · voice · sms · sbd · handsfree · ringer · mute · horn alert · intelligent handset · sim · phonebook · serial port

Technical Specifications

POWER SPECIFICATIONS		
Power input voltage	11 - 32 V DC	
Power Consumption (AMPS)	12 V DC	24 V DC
Transmit - incl. handset	0.63A	0.23A
Standby - incl. handset	0.33A	0.14A

ENVIRONMENT SPECIFICATIONS		
Temperature	**Degrees °C**	**Degrees °F**
Operating Range	-30 to +60	-22 to +140
Storage	-40 to +85	-40 to +185
Humidity	25-75% RH non-condensing	

CONNECTORS/INTERFACES	
Microphone	2.5mm mono
Speaker	3.5mm mono
Intelligent Handset	RJ45 DPL BUS
Data Port	RS232 Serial Interface
Transceiver	D25
LEDs	Power - Green
Power/Horn/Mute	5-Pin Connector
Line In/Line Out	3-Pin Connector +10dBV or 0.3V RMS (2V Peak to Peak Max) Input Z=50k Ohm, Output Z=1.2K Ohm

PHYSICAL SPECIFICATIONS		
Dimensions	**mm**	**inches**
9522B w/Mounting Bracket	185.2 x 81.4 x 29.8	7.29 x 3.20 x 1.17
HFI	186 x 130 x 27.3	7.32 x 5.11 x 1.07
Weight	**kgs**	**lbs**
Kit	2.2	4.8

CERTIFICATIONS
Iridium
EMC Compliance
Electrical Safety
IEC60945
Vibration Testing Certification (TBD)

KIT CONTENTS
Handsfree & Power Interface (HFI)
Intelligent Handset
Speaker & Microphone
Iridium 9522B Transceiver Module Main Terminal
Cable assemblies: DC Cables, Interface Cables
Mounting Adhesive/Velcro
CD - Beam Management System, AT Commands, Manual
User & Installation Manual

Accessories

ISD951	AC Plug Pack
RST702	Dual Mode Iridium/GPS Antenn
RST710	Mast/Pole Antenna
RST714	Whip Antenna
RST715	Iridium Magnetic Antenna
RST719	Aero Patch Antenna TSO Approved

RST720	Iridium Bolt Mount Antenna
RST931	Iridium Antenna Cable Kit Passive 3m/9.8ft
RST932	Iridium Antenna Cable Kit Passive - 6m/19.7ft
RST933	Iridium Antenna Cable Kit Passive 12m/39.4ft
RST935	Iridium Antenna Cable Kit Passive 20m/65.6ft
RST060	UPS Battery Pack

Emergency Vechicles

Small Aircrafts*

Cruise Ships

Heavy Trucks

* Independent Aeronautical certification MUST be gained prior to installation.

BEAM®

APPROVED BEAM RESELLER

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