



Land Solutions

Sea Solutions

Air Solutions



RapidSAT LBT

9522BRS



Voice



Data



Privacy
Handset



Handsfree



BEAM

RapidSAT LBT

9522BRS



- Global Coverage
- Rapidly Deployable
- Grab and Go
- All-In-One Kit
- First Responder

RapidSAT LBT provides a high quality portable calling solution, using superior echo cancelling and full duplex technologies to provide superior voice quality. The RapidSAT LBT enables handsfree or privacy calls. This is contained within a lightweight and durable carry bag ready for use anytime, anywhere.

The purpose built RapidSAT LBT provides integrated antenna, data and power connections that makes it possible to keep all antenna cables and power permanently connected to the handset and allows for the bag to be ready at all times.

The Intelligent handset supplied with RapidSAT LBT supports both handsfree and privacy modes of operation automatically switching between either mode with the handset in or out of the cradle.

The flexibility of the RapidSAT LBT enables the unit to be easily transported between various vehicles, boats, machinery or aircraft and simply connects to the vehicle's DC power source for in vehicle use or alternatively the optional battery back-up for away from vehicle use.



**Emergency Services/
Disaster Recovery**



Temporary Vehicle / Vessel Installations



Remote Tour, Camping and Exploration Groups



Back-up Communications

KEY FEATURES

- ▶ Small, tough and lightweight carry bag
- ▶ Integrates all required cables & antenna
- ▶ Intelligent Handset - SMS capable
- ▶ In-built Speaker/Mic
- ▶ Full duplex handsfree operation
- ▶ Magnetic Mount Antenna, 5m cable
- ▶ Power ON/OFF
- ▶ Carry handle or shoulder strap
- ▶ Additional storage pockets
- ▶ 11-32V DC input
- ▶ Supports Voice & Data services
- ▶ Loud ring indications
- ▶ Echo cancellation
- ▶ Optional Battery Pack
- ▶ RoHS compliant



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CONNECTIONS & SET UP

Removable Flip Cover with Label Pocket and Zip Storage

UPS Battery Pack (RST055, Optional)

Battery Pack Insert

Battery Screw Lock

Speaker

SIM Card Storage

9522B L Band Transceiver

Intelligent Handset Microphone

Additional Storage

Power ON/OFF switch

Detachable Shoulder Carry Strap

Additional Storage Lock

Carry Bag with Handle



Antenna Connection

USB Connection



RapidSAT Antenna



UPS Battery Pack - RST055 (Optional)*

4-Way Molex Connector (Optional - comes with UPS Battery Pack)

11 - 32V DC Power Input Cable

*RST055 UPS Battery Pack can be ordered separately.

TECHNICAL SPECIFICATIONS

POWER SPECIFICATIONS

Power Input Voltage	11 - 32 V DC @ 4-1A	
Power Consumption (AMPS)	12 V DC	24 V DC
Stand by - incl handset	0.48	0.25
Transmit - incl handset	0.68	0.35

N.B. Assumes battery charged

PHYSICAL SPECIFICATIONS

Bag Dimensions	380mmL x 250mmW x 150mmD (15' x 9.8' x 5.9')	
Antenna Cable Length	5m (16.4')	
Power Input Cable Length	1m (3.3')	
Weight*	3.7kg / 8.15lbs	

* Does not include weight with a UPS battery pack

ENVIRONMENT SPECIFICATIONS

Temperature	Degrees °C	Degrees °F
Operating Range	-30 to +70	-22 to +158
UPS Battery	-20 to +60	-4 to +140
Humidity	<85% RH non condensing	

CONNECTORS / INTERFACES

Iridium Antenna	Fixed Cable to TNC-Female
Power Input	4W Molex Connector
Data Port	USB
Speaker	3W

CERTIFICATIONS

Iridium - CE, RoHS
Electrical Safety - IEC/EN/AS/NZ60950-1
EMC Compliance - IEC/EN60945 (9 & 10)

KIT CONTENTS

Carry Bag with Intelligent Handset, Speaker & Microphone
Magnetic Mount Antenna with 5m of cable
DC Cigarette plug adaptor for power

ACCESSORIES

RST055 - Beam UPS Battery Back-up
RST750 - Beam AC Plug Pack
Optional RST055 UPS Battery Pack

Standby Time	Up to 17 hours
Talk Time	Up to 12 hours

BAG DIMENSIONS



APPROVED BEAM RESELLER

Remote Satellite Systems International Inc.
 1455 North Dutton Ave, Suite A
 Santa Rosa, CA 95401
 P: (707) 545-8199
 F: (707) 546-8198
 sales@remotesatellite.com
 www.remotesatellite.com



Remote Satellite Systems
 INTERNATIONAL

www.beamcommunications.com



+61 3 8588 4500



+61 3 9560 9055



info@beamcommunications.com