



Iridium 9505A Sat-Dock Docking Station

Preferred Communications

KEY FEATURES

- Convenient hands-free operation
- Supports additional handsets
- Serial data Port
- Integrated antenna connection
- No moving parts
- Handset charging
- Horn alert Integration
- 10-32V DC Input
- Supports Voice & Data services
- Full duplex
- Loud ring indications
- Echo cancellation
- Supports stereo integration
- Easy & Convenient Installation
- Optional Handset - Privacy mode
- Superior voice quality
- Tracking & Monitoring Capable
- Intelligent Processor & Interface
- Wall Mountable
- Auxiliary & constant power
- Fully Certified – Including ROHS
- Easy to install

- ▶ SatDOCK In-vehicle Hands-free docking unit for the 9505A Iridium telephone provides a high quality semi-permanent installation, using echo cancelling and full duplex technologies to provide superior voice quality and professional installation for any vehicle, boat or aircraft.

SatDOCK supports the use of an optional Beam Intelligent Handset for added functionality including a secondary dialing point, and privacy mode if required. It switches between privacy and hands-free modes automatically.

The purpose built single piece cradle simply docks the 9505A handset securely, providing an integrated antenna connection that makes it possible to keep an antenna cable connected permanently to the cradle. The kit is designed to be easily mounted to a wall or installed in a vehicle, using the supplied universal mounting arm.

SatDOCK integrates the latest Beam Hands-free interface, supporting all Iridium internet and data service via a standard serial data port. This port can also be used for connecting to Beam LeoTRAK tracking or monitoring devices where required.

The Beam hands-free vehicle kit, SatDOCK, is designed for the Iridium 9505A handheld satellite phone and provides a complete hands-free voice and data satellite telephone for various applications.

Communication System Integration

The SatDOCK Hands-free Interface can be easily integrated to a communication system that may be installed within a transport vehicle, such as those found on board trains, busses and heavy machinery.

Using the Audio and Microphone or line level outputs from the main interface and integrating them to an on-board communication system enables a conversation to be easily made from within the vehicle using existing communication



Voice, Data, Internet & Fax

The complete range of Iridium voice and data services can be simply accessed from the SatDOCK. Data services are accessed via the serial data port of the SatDOCK hands-free interface. These services allow you to conveniently gain access to Internet, Email, corporate LAN as well as Fax services using the specialised Fax Adaptor if required.

The terminal supports the following Iridium Data Services from the serial data connection on the cradle.

- Circuit Switched Data
- Direct Internet
- RUDICS
- Short Burst Data

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Optional Intelligent Handset

The optional RST970 Intelligent Handset and cradle that provides access to the same features available directly from the 9505A phone, including phone book, SMS, ring tone adjustments and the like. This handset automatically switches between privacy and hands-free modes.



In-vehicle Integration

The Beam In vehicle kit allows for a quality semi-permanent installation to the vehicle. The antenna, microphone and speaker are simply installed in a convenient location within the vehicle and then the handset is easily inserted in the cradle when required.

Simple & Easy

The SatDOCK cradle has been purpose built to support the 9505A and enable an antenna system to be permanently connected to the cradle while also removing the requirement for any additional cables or connectors to be attached each time. The handset is simply removed and inserted with the press of the button on the top of the handset.

Simple Connections

The SatDOCK provides an easily accessible SMA antenna connection, however each kit is supplied with a TNC adaptor if required. The hands-free interface unit provides all the power and audio outputs as required as well as line level interface for specialized integrations.

Compact Handset

There is also the option of a compact privacy handset, Beam RST080 that simply provides a low cost alternative to the Intelligent Handset for private conversations. This handset is simply activated by pressing the Mute button on the



Phone Charging

The SatDOCK is designed to charge the battery of the 9505A whilst in the cradle. An LED on the front of the cradle indicates the status of the charging of the handset.

Power Inputs / Power Features

The RST980 terminal supports a 10-32V DC power input which is suitable for most vehicles and vessel applications and can be an auxiliary/ accessory power supply as well as constant power. The unit is equipped with some intelligent power off features that delay power off functionality after the ignition is turned off. There is also the option powering up the unit on accessory power in emergency applications.



Mounting Options



The SatDOCK is supplied with a high quality RAM-Mount fixing system to adapt to various installations. It is however also possible to mount the SatDOCK directly to a wall.

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