

How it works

The Iridium 9505A handset gives you the freedom to have a mobile phone where normal mobile phones don't work. Unlike land based networks, the handset is simply operated by ensuring you have a clear view of the sky and the satellites above. Deploy the retractable antenna, dial the number, and press Call.

Send and receive SMS, access your voicemail, store numbers in the phonebook, customise your phone settings, just as if you were using a standard mobile phone.

A range of optional accessories help maximise your phones features; data kits give access to the internet for a computer; permanent and portable vehicle kits allow you to use the phone while on the move or inside; and other options such as cases and batteries help protect and provide longer operation.

Network

The Pivotal Iridium Network comprises the Iridium Constellation of 66 satellites operating at 780km altitude, the ground gateway infrastructure, and the telephony switching systems.

The satellites are organised into 6 orbital planes with 11 satellites per plane, and each orbital plane goes over the poles. This ensures that each location on the globe is covered by at least one satellite at any one time. The satellites spin around the earth at over 26,000km/h, circling the earth every 100 minutes.

Each satellite is connected to four other satellites in the network. The two adjacent satellites in the same plane and two satellites in the planes either side. Through this cross-linking the satellites can route calls from satellite to satellite until it reaches a satellite in view of the ground gateway. At the ground gateway the call is routed into Pivotal's Australian telephone switching infrastructure, and onwards to the person you called.

Terms and Conditions

Reception limitations and some exclusion zones apply. A clear view of the sky is required for operation in satellite mode. Australian coverage includes all island territories with the exception of Antarctica.

pivotal.

Corporate Details:

Pivotal Satellite Pty Limited
ABN 81 099 917 398

Fax: 07 5630 3030

Email: mail@pivotal.com.au

Locked Bag 100
Southport, Queensland 4215
Australia

Call 1300 882 448
www.pivotal.com.au

To find out more about the Iridium 9509A or accessories, ask your Pivotal dealer:

pivotal.

Pivotal Iridium Iridium 9505A

Satellite voice and data enabled phone



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Iridium 9505A



FEATURES

- Water, shock and dust resistant
- Quick access interface
- Up to 30 hours standby time and 3.2 hours of talk time
- Optional data cable
- Two way SMS capability

Included Accessories	Full Kit	Essential Kit
9505A Handset	✓	✓
AC Wall Charger Kit	✓	✓
Battery High Capacity Li-ion	✓	✓
User-Guide	✓	✓
Personal Privacy Hands free Earpiece	✓	✓
Leather Carry Case	✓	
Lanyard	✓	
In Car Charger (12 Volt DC)	✓	
Antenna Adapter	✓	
Antenna, Portable Auxiliary	✓	

Technical Specifications

Size	158H x 62W x 59D mm
Weight	Under 375 grams
Battery	Rechargeable battery (3.6, 2230mAh Li-ion)
Talk Time	Standby: up to 30 hrs. Talk Time: 3.2 hrs
Operating Range	-10 to + 55°

Iridium Hands Free Vehicle Kit

This kit provides everything you need for true hands free operation of the 9505A satellite phone inside a vehicle. The cradle is used to connect all the peripherals to the phone including the external magnetic patch antenna and DC power source.



Includes:

- Hands free microphone
- Hands free speaker
- 9505A docking cradle
- Iridium electronic module (IEM)
- Connection cables
- Mini magnetic patch antenna

Also Available:

- Optional noise reducing kit privacy handset
- Optional high gain whip (Bull Bar) antenna
- Optional tail fin helix antenna

Other Accessories (Sold Separately)

Additional accessories are available to maximise the flexibility of your Iridium 9505A satellite phone. These accessories and many more can be purchased from your nearest dealer or by calling 1300 882 448.

Data Kit

The data kit is designed for use with the Iridium 9505A handset and includes the adaptor to plug into the bottom of handset and cables between the handset and the computer serial port. The stand holds the phone in the optimum position for reception when using the data adaptor. The included CD includes the required software for operation of the data service.



Battery, High-Capacity Li-ion

The long life rechargeable battery is designed for use in the Iridium 9505A handset, and is suitable to carry as a second spare battery or a replacement.



Car Charger

The charger is designed for use in standard 12V DC accessory sockets fitted in vehicles and plugs directly into and charges the Iridium 9505A handset.

