

9505A Satellite Phone

Functionally similar to the Iridium 9505, this latest offering by Iridium introduces some minor product changes. It is significantly smaller, lighter and more resistant to water, dust and shock than the original Iridium 9500 and is ideal for industrial or rugged conditions, yet appealing to the traveling professional.

Business, adventure, or pleasure, you can stay in touch across seas and time zones, in remote locations and on the go. One telephone number, through the use of a mini personal subscriber identity module (SIM) card, can help keep you connected.

Features

- Quick Access Interface
- Water, shock & dust resistant for rugged environments
- Data Capable (use your satellite phone to transmit and receive data with an optional RS232 adapter)
- Headset/Hands-free capability
- 21 language choices for prompts

Talk Time Features

- Provides up to 30 hours of standby time
- Provides up to 3.6 hours of talk time

Display

- 4 x 16 character Illuminated Graphic Display

Calling Features

- Call Barring
- Call Forwarding - Unconditional, mobile subscriber busy, subscriber not reachable
- Clear Last Digit/Clear All Digits
- Fixed Dialing
- International Access Key Sequence (+ key)
- Mailbox for Numeric & Text Messages (160 characters)
- Quick Access Interface
- Selectable Keypad tone (3 choices)
- Selectable Ringer tone (10 choices)
- Keypad Disable
- Two-way SMS capability
- Unanswered Call Indicator
- Volume Adjustment (earpiece or ringer)

Memory

- 100 Alpha and Numeric Memory Storage
- Last 10 Numbers Dialed
- Name Storage
- Memory Scroll by Location
- 32-Digit Number Capacity Phone Book
- 16-Digit Name Tag
- One-Touch Dialing
- Subscriber Identity Module Card (additional memory storage)

Visual/Alert Features

- Signal Strength Meter
- Battery Meter (always shown in display)
- Illuminated Keypad
- Low Battery Warning
- Status Review of Features
- Visual Display of Volume Settings

Usage Control Features

- Automatic Display Call Timer
- Automatic Lock
- Call Restrictions
- Display Display/Change Unlock Code
- Call Timers (last call / total calls)
- Subscriber Identity Module PIN Availability (security code)



Technical Specifications

- Dimensions: 158L x 62W x 59D mm (6.22"L x 2.44"W x 2.32"D)
- Volume: Under 375cc (22.9 ci)
- Weight: Under 375g (13.2 ounces)

Operating Temperatures:

- Normal Operating Temperature: +15° to +35°C (59° to 95° F) cycle for 12 hours
- Extreme Operating Temperature:
 - -10° C (14° F) for 2 hours Cold operating
 - +55° C (131° F) for 2 hours Dry heat operating
- Thermal Shock: -25° C to +70° C (-13° F to 158°F), transition between temperatures 3 mins, 5 cycles of 1 hour each

Humidity Tests:

- Static Humidity: 40+/-2° C, 93+/-3%RH for 4 days
- Cyclic Humidity: 25+/-3%RH to 75+/-3%RH non-condensing

Storage Conditions:

- Maximum Storage Conditions: +85° C (185°F) for 4 hours
- Minimum Storage Conditions: -40° C (-40°F) for 4 hours

IRIDIUM 9505A ACCESSORIES

Rechargeable Battery (for 9505A)

Battery for the 9505A Portable Phone.

Features

- Provides rapid charge for optimal performance.
- May be used with 9505A Portable Phone.
- Battery Charge Time to 90% capacity is 3 hours when charged in a 9505A handset at 25°C (77°F).
- For optimum performance only charge your battery between 0°C (32°F) and 40°C (104°F).
- Fast charge will be complete in about 3 hours 15 minutes.

Specifications

- Talk Time: 3.2 hours
- Standby Time: 30 hours
- Weight: 65 grams (2.3 ounces)

AC Travel Charger (for 9505A)

Features

- May be used with 9505A Portable Phone.
- Enables use of 9505A Portable Phone while recharging battery.
- Battery Charge Time to 90% capacity is 3 hours when charged in a 9505A handset at 25°C (77°F).
- For optimum performance only charge your battery between 0°C (32°F) and 40°C (104°F).
- Fast charge will be complete in about 3 hours 15 minutes.

Specifications

- Input: 100-240V AC, 50-60Hz
- Output: 6V DC, 850Ma
- Operating temperature: 0-40°C
- Charge time: 3 hours 15 minutes

Auto Accessory Adaptor (for 9505A)

Restores full battery power for 9505A Portable Phone operations from any operating vehicle.

Features

- May be used with 9505A Portable Phone.
- Enables use of 9505A Portable Phone while recharging battery.
- Battery Charge Time to 90% capacity is 3 hours when charged in a 9505A handset at 25°C (77°F).
- For optimum performance only charge your battery between 0°C (32°F) and 40°C (104°F).
- Fast charge will be complete in about 3 hours 15 minutes.

Specifications

- Input: 10-32V DC
- Output: 6V DC, 825mA
- Operating temperature: 0-55°C
- Charge time: 3 hours 15 minutes

Data Kit (for 9505A)

Contains the hardware and software required to establish an Iridium data call with a 9505A Portable Phone.

Data Kit includes:

- Data Adapter
- Serial Cable (9-pin M/F)
- Stand
- Iridium World Data Services CD
- Neoprene carrying case

Features

- Data Adapter - attaches to a 9505A Portable Phone and provides a connection for a serial cable.
- Stand - Supports the 9505A Portable Phone and allows the antenna to be oriented in a vertical position.
- Serial Cable - connects the Data Adapter to a computer serial port.
- Iridium World Data Services CD - Contains all software and documentation required to install and configure Iridium World Data Services on your computer. Documentation includes user guides, troubleshooting guides and application notes.

9505A Product Launch Q & A

1. Q: When will the 9505A be available?

A: Production units are planned to be available in December 2004.

2. Q: Are there any differences between the 9505 and the 9505A?

A: Yes. Iridium modified the 9505 phone due to internal components becoming obsolete and no longer supported.

3. Q: What are the differences between the 9505 and the 9505A?

A: The 9505A will continue to have the same features and functions as the 9505. Also, the 9505A has a similar form and, therefore, has virtually the same look and feel as the 9505.

Three differences include:

1. The IR Port has been replaced with a 7mm power jack. The accessory connector on the bottom of the phone is no longer used for charging the phone.



2. The accessory connector on the bottom of the phone has been modified to prevent 9505 accessories from being used on the 9505A and visa versa.

3. Changes were made to certain accessories to accommodate component changes internal to the phone. These include:

- Battery – Iridium has changed one alignment lug to prevent previous versions from being installed. This battery can only be used with the 9505A. 9505 and 9505A batteries are not interchangeable.



- AC and DC Chargers – there will be a new design with a different connector. The 9505A requires that the battery be installed in order to power the phone.



9505A Satellite Phone

- RS232 Data Adapter – the color has changed to gray, and we modified it to prevent previous versions from being installed by moving the alignment notch inward.

Additionally, the power connector has been removed. This is the only accessory that connects to the phone using the phone's accessory connector.



Alignment Notch Location



Power Connector Removed

4. Q: Will the 9505A phone kit be packaged differently?

A: Yes. The 9505A phone kit will include the new accessories that are compatible with the 9505A.

5. Q: Will the pricing be different for the 9505A?

A: No.

6. Q: Will Iridium continue to carry all other accessories?

A: Yes.

7. Q: Will Iridium continue to support and service the 9505?

A: Yes. Iridium has taken measures to ensure warranty and repair services are maintained for as long as reasonably possible.

8. Q: How long will Iridium support the 9505 and accessories?

A: Iridium will continue to support the 9505 for as long as possible. Iridium will continue to make every effort to restore faulty phones based on each individual phone's condition. Iridium will continue to have sufficient inventory available for all of the accessories.