



IRIDIUM



## Motorola Satellite Series™ 9520 Mobile Telephone

*This full-featured, permanently installed mobile telephone is designed for in-vehicle operation with the Iridium® network.*

*Hands-free functionality and external antenna options complete the package.*



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## Satellite Series™ 9520 Mobile Phone

### Visual/Audible Features

- Graphic LCD Display (4 x 6 characters)
- 32-Digit Number Capacity (max. number of digits)
- 16-Digit Name Tag (maximum character length)
- Illuminated Keypad and Display
- Visual Display of Volume Level Settings
- Status Review of Features
- Automatic Language Selections Based on SIM Card
- Multiple Language Choices for Prompts
- 10 Dedicated Control Keys

### Call Related Features

- Selectable Ringer Tone—10 choices
- Selectable Keypad Tone—3 choices
- Volume Adjustment (earpiece or ringer)
- Auto Redial (when system busy)
- Clear Last Digit/Clear All Digits
- International Access Key Sequence (+ key)
- Master Clear
- Master Reset
- Fixed Dialing
- Quick Access Interface (user configurable)
- Unanswered call indicator

### Memory

- Phone-Numbered Memory (100 Locations)
- SIM Card – 155 Memory Locations
- Alpha Name Storage (recall by name or location)
- Last 10 Numbers Dialed
- One-Touch Dialing
- Memory Scroll By Location Number

### Usage Control

- Electronic Lock
- Automatic Lock
- Display/Change Unlock Code
- Display Call Timers: Last Call/Total
- Programmable Audible Call Timer:
  - One Time
  - Repeatable (user definable)
- Automatic Display Call Timer (while in a call)
- Call Restriction Levels:
  - Restrict Keypad Dialing
  - Incoming Calls
  - Number Length

### Mobile Application Features

- Integrated SIM Card Reader in Hang-up Cup
- Entertainment Mute (dependent on vehicle's AM/FM radio system)\*\*
- Automatic Answer
- Automatic Handsfree
- Safety Timer

Full  and FCC compliance.

### Basic Telephony

- Basic Telephony (bi-directional access to PSTN and other IRIDIUM system subscriber units.)

### Telephony Supplementary Services

- Call Barring
- Call Forwarding Unconditional
- Call Forwarding on Mobile Subscriber Busy (via the menu)
- Call Forwarding on Subscriber Not Reachable
- Personal Mailbox with Numeric Messaging, Text Messaging and Voicemail

### Data Services

- Data Capable

### System Services

- DTMF Tones
- Pending Call Drop Notification
- Subscriber Identity Authentication

## PRODUCT SPECIFICATIONS

Transceiver Dimensions:	24.69L x 8.61W x 3.99D (cm) 9.72L x 3.39W x 1.57D (in)
Transceiver Weight:	595g (1.3lbs.)
SIM Card Slot:	ID-1 Credit Card Size (in hang-up cup)
Operating Frequency:	1616–1626.5 MHz
Operating Temperature:	-30/+60 degrees Celsius
Duplexing Method:	Time Division Duplex (TDD)
Multiplexing Method:	TDMA/FDMA
Link Margin: (with exterior antenna)	12.5 dB average
Power:	0.57 Watts average + +
Sensitivity:	-117.9 dBm + +
TX Spurs General EIRP:	-71 dBc + +
TX Spurs GNSS 1559-1605 MHz EIRP:	-91 dBc + +
TX Noise GNSS 1559-1605 MHz EIRP:	-81 dBc/MHz + +
Antenna Options:	Mobile Magnetic Mount Antenna Mobile Permanent Mount Antenna Fixed Mast Antenna

Product appearance & specifications subject to change without notice.

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The Satellite Series 9520 Mobile Telephone bears the GMPCS-MoU mark signifying that information about the compliance of these terminals with applicable national and international technical standards is registered with the International Telecommunication Union for purposes of facilitating roaming of these terminals across national border.



IRIDIUM  
Truly Global.  
Truly Mobile.