



DPL PERIPHERAL HANDSET USER MANUAL

July 18, 2005



Copyright © 2005 by Iridium Satellite LLC

The contents of this manual are subject to change at Iridium Satellite's discretion. Iridium Satellite assumes no responsibility for any claims or damages arising out of the use of this document or from the use of the DPLS0401 and the DPLL0401 based on this document, including but not limited to claims or damages based on infringement of patents, copyrights or other intellectual property rights. Iridium Satellite makes no warranties, either expressed or implied with respect to the information and specifications contained in this document. Performance characteristics listed in this document are estimates only and do not constitute a warranty or guarantee of product performance.

Contents

Overview	4
Guide Overview	4
DPL Peripheral Handset Overview	5
Indicators	7
Using the DPL Peripheral Handset	8
Startup Procedures	8
Placing a Call	10
Receiving a Call	12
Additional DPL Peripheral Handset Features	13
Using In-Call Features	14
Muting a Call	14
Using the Menus	15
Using the Options Menu	16
Using the Quick Access Menu	18
Managing the Phone Book	20
Phone Book Menu	21
Organizing the Phone Book	22
Storing Names and Numbers	23
Entering Names	24
Using Pauses in Numbers	27
Using Phone Number Prefixes	28
Locating Entries	29
Calling, Modifying, or Erasing an Entry	31
Checking Phone Book Capacity	32
Preventing Access to the Phone Book	33
Restricting DPL Peripheral Handset Use	34
Viewing the Last Ten Calls Made or Received	37
Viewing and Modifying Phone Numbers	38
Using One-Touch Dialing	39
Viewing Service Phone Numbers	40
Using Calling Features	41
Call Related Features Menu	42
Forwarding Calls When Unavailable	43
Forwarding All Calls	44
Using Detailed Call Forwarding	45
Canceling All Forwarding	46
Restricting Calls with Call Barring	47
Viewing Signal Strength	50
Deactivating Pending Call Drop Signal	51

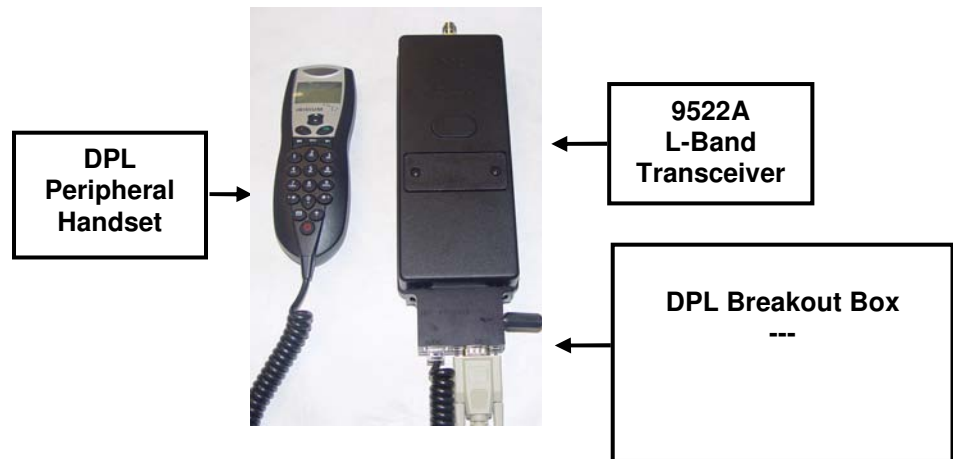
Using Message Services	52
Messages Menu	53
Checking Voicemail	54
Managing Received Messages	55
Accessing Received Messages	56
Managing Outgoing Messages	59
Managing Other Message Settings	66
 Customizing DPL Handset Features	68
DPL Handset Setup Menu	69
Managing DPL Handset Ringer Settings	70
Locking and Unlocking the DPL Handset	71
Protecting the SIM Card	73
Managing Other Security Settings	75
Activating Extended Menus	76
Selecting the Display Language	77
Setting Keypad Tones	77
Managing DPL Handset Settings	78
 Accessing the Network	80
Network Selection Menu	81
Registering with the Satellite Network	82
 Timing the Calls	83
Call Meters Menu	84
Showing Call Timers	85
Setting Audible Call Timers	87
Showing the In-Call Timer	89
Showing the Lifetime Timer	89
 Customizing the Menu System	90
Personalizing the Options Menu	91
Personalizing the Quick Access Menu	93
 Troubleshooting	95
 Index	98

Overview

Guide Overview

DPL Peripheral Handset and 9522A Modem

The DPL Peripheral Handset (DPL handset) is designed to work with the Iridium Satellite 9522A L-Band Transceiver (LBT). Through the DPL handset and an interface box, the 9522A LBT can operate similarly to an Iridium 9505A phone and, at the same time, can fully function as a standard modem. The combined DPL peripheral handset/9522A LBT has most of the features of a standard 9505/9505A Iridium phone, which are discussed in this manual. Users can also consult the 9505/9505A Operating Manuals as well on "How to Use."



Key Presses

Key presses are represented in this manual using variety of symbols. A sequence of key presses may be shown as follows:



This means  followed by  and then  should be pressed in sequence, and not simultaneously.












Prompts and Messages

The DPL handset responds to key presses by displaying either a prompt that guides user to the next action or a message confirming that action is completed. Prompts and messages are represented in this manual in LCD style, for example: Enter PIN.

DPL Handset Overview



Special Keys

-  Turns the DPL handset and 9522A modem's power on and off
-  Selects menu settings or options or initiates and answers calls
-  Takes user directly to the Messages menu, where user can call voicemail number or read messages received
-  Stores numbers in the Phone Book
-  Recalls numbers from the Phone Book
-  Enters the Quick Access menu
-  Enters the Options menu and scrolls forward through menu features
-  Clears characters from the screen or exits the Option menu
-  Volume control
-  Scrolls forward through menu features
-  Scrolls backward through menu features

Display Status Indicators and Icons



Signal Strength Indicator indicates the strength of the signal from the network. The signal strength indicator appears continuously in the top left hand corner of the display. The more segments displayed in the bar graph, the stronger the signal. Five bars indicate full signal strength. No bars indicate a weak signal.



Battery Charge Indicator appears on the DPL handset display ONLY during power-up. However, this feature is not available.



Real Time Clock Indicator appears on the DPL handset display ONLY during power-up. However, this feature is not available



Message Indicator appears when a new message is received. It flashes when the SIM card is full.



No Service Indicator appears when the DPL handset is not capable of placing or receiving calls.



Home System Indicator appears when the DPL handset has successfully registered with the Iridium satellite network.



In Use Indicator appears when a call is in progress.



Scroll Bar appears on the right of the display when the DPL handset is in a menu. The button on the scroll bar indicates where the user is in the list.



Check Mark indicates a menu item is currently selected.





Quick Access Menu Icons allow user to easily identify Quick Access features as user scrolls through the Quick Access menu.

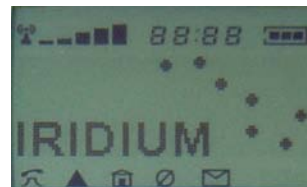
Using the DPL Handset

Startup Procedures

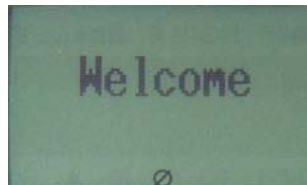
Turn the Power On and Off

1. When DC power is provided to the 9522A modem, both the modem and the DPL handset are powered up automatically.
2. Press and hold  to turn the DPL handset and 9522A modem on and off.
3. When the DPL handset is powered up, a wakeup tone should be heard with a sequence of screens appear in the order below. When the last screen appears with the  indicator, the DPL handset is ready to make a voice call.

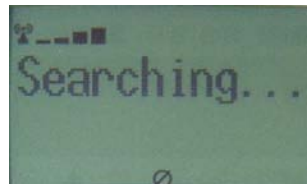
First Screen



Second Screen



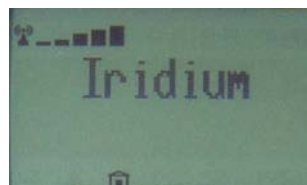
Third Screen






Fourth Screen



Fifth Screen



Power-On Messages

Searching...	The DPL handset is attempting to establish communications with the satellite network.
Registering..	The DPL handset is registering with the Iridium network. When the process is completed, Registered message will appear.
Check Signal	The DPL handset is unable to establish registration with the satellite network. Move the antenna to a location with a clear unobstructed view of the sky.
Invalid Account	Contact your Iridium service provider.
Enter Phone Unlock Code	The DPL handset was locked after the last use. Enter the four-digit unlock code and press  to proceed.
Enter PIN	Enter the four- to eight-digit SIM card PIN provided and press  to proceed.
Insert Card	Power off the DPL handset, make sure the SIM card is inserted into the 9522A modem completely, and then power up the DPL/9522A modem again.
Check Card	The SIM card is damaged or inserted the wrong way.
Blocked	If the SIM card PIN code is incorrectly entered three times in a row, the SIM card becomes blocked. Contact an Iridium service provider for information.
 Blocked	If the SIM card PIN2 code is incorrectly entered three times in a row, some features (e.g., Fixed Dialing) become blocked.
Bad Card See Supplier	The SIM card has been damaged or incorrectly issued. Contact an Iridium service provider for information.

Placing a Call

To place a call, the DPL handset and 9522A modem must be powered on, have a SIM card inserted, be unlocked, and be in contact with the Iridium satellite network.

A phone number up to a maximum of 20 digits can be entered. The digits are displayed in a single row with the character size automatically adjusted to fit on the LCD.

Dial a number

- Enter the number using the digit keys. As a number is entered, the **Call?** message will appear. The phone number must be in international format:

[international access code, 00, or +] [country code] [phone number]

Tip: Press and hold **0+** to get +. If a mistake is made, press **C** once to delete the last digit, or press and hold **C** to clear all digits.

- Press **OK**. A flashing **Calling** message will appear followed by the phone number. If the call connects and is answered, **Connected** message appears on the LCD for a few seconds, followed by **End Call?** message.
- One of the following messages may appear if the call does not connect.

Busy Try Later

The DPL handset is unable to access the Iridium network.
Try again in a few minutes.

Please Try Later

The DPL handset is unable to access the Iridium network.
Try again in a few minutes.

Restricted Area

The DPL handset is unable to access the Iridium network.
Move to an area where calls are allowed.

Redial?



Press **OK** to redial the number automatically.

Automatic Redial

If the number or the calling network is busy, the **Redial?** message will appear for five seconds. Press **OK** to redial the number automatically. The DPL handset makes a maximum of ten redial attempts. If the call cannot be connected within this maximum attempt, the message **Redial Failed** will appear.

Redial Last Number Called

Whenever the DPL handset is on standby, the last number called can be redialed by:

1. Press  to display the last number dialed.
2. Press  again to place the call.

Dial Special Characters

Special characters can be inserted in the phone numbers by:

To enter...





+ (for international calls)


⏏ (for pause dialing)


Supplementary service
numbers, PINS, and unblocking

Then...

Press  .

Press  .

Press and hold  .

Press and hold  .

Press  or  one or more times as
necessary.

Dial a Number from the Phone Book

The DPL handset can store names and telephone numbers on the SIM card phone book, which can be retrieved later to place a call.

End a Call

Use one of the following procedures to end a call:

1. Press  or
2. Press  .

Receiving a Call

To receive a call, the DPL and 9522A modem must be powered on, have a SIM card inserted, be unlocked, and be in contact with the Iridium satellite network.

Receive a Phone Call

When there is an incoming call:

- The DPL handset rings
- The DPL handset displays `Call, Answer?` on the next line

To answer the call:

Press  or any digit key  —  ,  or  and the LCD will display the message `Connected`.

If the call does not connect properly, the message `Call Failed` may appear:

End a Call

Use one of the following procedures to end a call:

1. Press  or
2. Press  .

Unanswered Calls

If a call is not answered, the DPL handset will display the message `Unanswered Call`.

Personal Mailbox

When a call is not answer, the caller can leave numeric, text and voice messages. The next time the DPL handset is registered with the Iridium network, these messages can be retrieved or saved for later viewing.

Additional DPL Handset Features

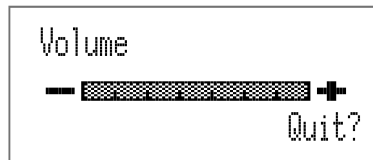
Adjust Earpiece Volume

To adjust earpiece volume:


- Press the upper volume control key to increase the volume
- Press the lower volume control key to decrease the volume



As the volume control key is pressed, the DPL handset's speaker demonstrates the new volume level displayed as a bar graph on the LCD—the higher the graph, the louder the volume.



Adjust Ringer Volume



To adjust the ringer volume, press  and then



. The DPL handset sounds the


new volume level as it is being adjusted.

Viewing SIM Card Phone Number

To retrieve and view the phone number of the SIM card, press   . If a phone number is not shown, then the number has not been programmed onto the SIM card. The phone number can be programmed onto the SIM card by following the steps described in "Modify Phone Number(s)" on page 38.



Phone Book Menu can also be used to view the SIM card phone number.

Using In-Call Features



Read this chapter to learn how to use In-Call menu features. The In-Call menu is displayed when press  during a call.

Muting a Call

For privacy during a call, the DPL handset can be muted preventing the other party from hearing. While in a call:

1. Press  until Turn Mute on or off appears.
2. Press  to select and the Mute message will appear.

To unmute a call:

1. Press  until Turn Mute on or off appears.
2. Press  to select.

Tip: The DPL handset can also be muted from the Quick Access menu.

Using the Menus

Many of the DPL handset's features are organized into lists of options called *menus*. There are three menus:

- The main **Options menu** let users select and/or adjust phone features
- The **Quick Access menu** gives users instant access to the menu features used most frequently
- The **In-Call menu** gives users access to call-related features during a call

Some options give users access to additional lists of options called *submenus*.

Using the Options Menu

The Options menu gives users access to the DPL handset's features and options. However, the Option menu is not available during a call.


Navigate the Options Menu

Learning how to use just a few keys enables users to move freely through the entire menu system.




If user wants to ...

Then ...


Enter the Options menu

Press  and submenu will appear.



Scroll through the Options menu

Press  to scroll forward and   to scroll backward or forward.

Select options and submenus

Press  to select menu option or submenu when that option or submenu name is displayed.

Exit features and menus

Press  to exit the feature or submenu. Press and hold  to exit the Options menu.


How the DPL Handset Responds

When scroll through the Options menu, one of three questions is displayed on the bottom of the display.


If the DPL Handset requests ...

Then ...


View Options?

Press  to enter the submenu.

Select?

Press  to select the displayed feature.

Quit?

Press  to exit the feature.

Display Messages and Indicators

If the DPL Handset shows ...

Then ...


 Completed

This indicates a feature has been activated.

 Failed

The display returns to the menu in a few seconds.

Enter PIN
Enter Name

Enter requested information, then press .

 Busy
Try Later

Information may be requested while the DPL handset was completing another task.



The scroll bar indicates where the user is in a menu.



The DPL handset may take a few seconds to request settings from the Iridium network.

Using the Quick Access Menu

The Quick Access menu is a way to keep user's favorite menu options readily accessible. Each digit key, **1** to **9**^{WXYZ}, is matched to a Quick Access feature.




If the number of the feature is known, activating that option takes only two button presses! If the number of the feature is not known, a user can just scroll through the icon menu and read the tag attached to each option.

Activate the Feature Directly

To access the feature directly, press  and then press the digit key of the feature.











Scroll to the Feature









To scroll to the feature:

1. Press .
2. Press  to scroll through the available features.
3. Press  to select a feature.

Default Quick Access Settings

The following features (and associated icons) are the default settings for the Quick Access menu.

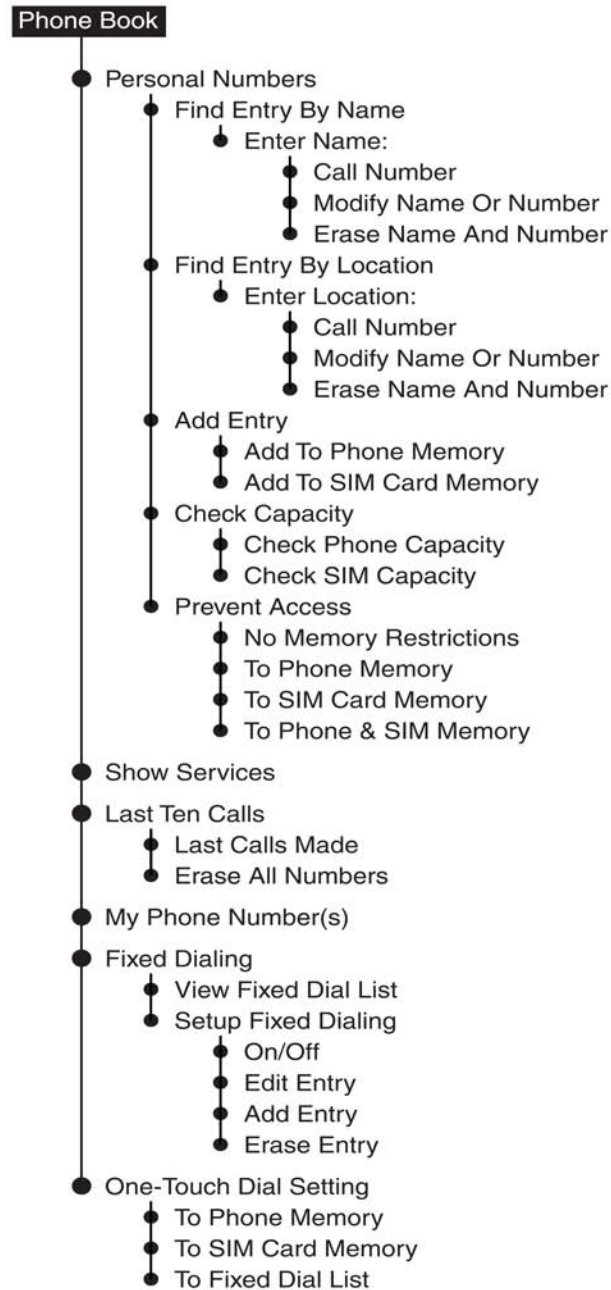
Key	Icon	Quick Access Feature
		Find Name searches the Phone Book by the full name.
		Mute mutes and un-mutes a call in progress.
		Call Voicemail calls the voice mail number to check voicemail.
		Battery Meter not available on DPL handset.
		Lock Now locks the DPL handset immediately.

Key	Icon	Quick Access Feature
		Vibrate On/Off is not available on the DPL handset.
		Read Messages displays the newest message received.
		Register Now initiates a search for the Iridium satellite network. User must wait three minutes between registration attempts.
		Forward On/Off activates or deactivates unconditional call forwarding depending on the current setting.

Managing the Phone Book

The 9522A modem can store up to 100 names and numbers and the SIM card can store up to 155 names and numbers. The dedicated keys or the Phone Book menu can be used to add and retrieve numbers from the Phone Book. With the Phone Book menu, user can also access Phone Book maintenance and security features.

Phone Book Menu



Organizing the Phone Book

Each name and phone number in the Phone Book is stored in a numbered memory location. There are two types of memory—9522A modem memory and SIM card memory.

	9522A Memory	SIM Card Memory
Personal Numbers	100 entries	155 entries
Fixed Dial Numbers	No entries	40 entries
Phone Number Digits	32	20
Name Characters	16	16
Location Numbers	1 – 100	101 – 255

The 9522A modem memory and SIM memory can seem overwhelming if there is no strategy for organizing the Phone Book. Users should first find answers for the following three questions before setting up the Phone Book.

What are the most frequently used numbers?

Make a list of numbers called most frequently. These numbers should be stored in the first nine memory locations of the Phone Book. These numbers can be retrieved and dialed with a single keystroke by using one-touch dialing.






When are these numbers being used?

Group the numbers on the list according to when they are being used. Most users call a different set of numbers during the day than in the evening and on weekends. Users can switch one-touch dialing to the 9522A modem's memory (locations 1–9), the SIM card's memory (locations 101–109) or the fixed dial list (locations 1–9). Store the evening and weekend numbers on one type of memory and the daytime numbers on another.

Which numbers are needed to be kept secured?

Use the SIM card to store numbers needed to be kept secure, such as the numbers of friends and family members. The SIM card can be removed and kept in a secured place when not in use. Furthermore, the SIM card can have a PIN code and has to be provided by the user each time it is inserted into the 9522A modem. Public numbers, such as business associates and travel agents, should be stored in the 9522A modem's memory.







Getting to Personal Numbers...

1. Press  until you see Phone Book, and then press .
2. Press  to scroll to Personal Numbers, and then press .
3. Press  to scroll to one of the features described below.



Storing Names and Numbers

Add an Entry

Use the Options Menu




1. Follow the steps in the "Getting to Personal Numbers..." to get to Add Entry , and then press .
2. Press  to scroll to Add To Phone Memory or Add To SIM Card Memory .
3. Press  to select. An Enter Number message will appear.
4. Enter a number, and then press . An Enter Name message will appear.
5. Enter a name, and then press . An Enter Location message will appear.
6. Enter a one-, two- or three-digit location number (1–100 for 9522A memory or 101–255 for SIM memory), and then press . A Stored XXX message will appear.




or

Press  to select the next available location. A Stored XXX message will appear.
7. Press and hold  to exit the menu.


Tip: Numbers should be entered in international format.

Used the Dedicated Keys

1. Enter the phone number to be stored.
2. Press  to begin storing.
3. Press  to scroll to Add To Phone Memory or Add To SIM Card Memory , and then press . An Enter Number message will appear followed by the phone number entered.

4. Press  to accept the number. An `Enter Name` message will appear.
5. Enter a name, and then press . An `Enter Location` message will appear.
6. Enter a one-, two-, or three-digit location number, and then press . A message `Stored XXX` will appear.


or

Press  to store the phone number in the next empty memory location. A message `Stored XXX` will appear.


Tip: If the same person has more than one phone number, try attaching a descriptive tag to the name, like *Home*, *Office* or *Mobile*.

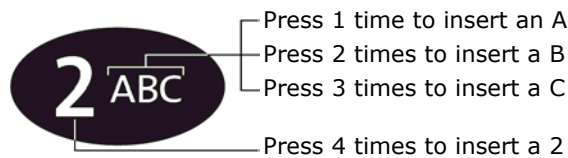
Adding Entry Messages

When the location number of an entry is entered, one of the following messages may appear:



Message	Description
<code>Stored XXX</code>	An entry has been stored.
<code>Range XXX-XX</code>	A memory location outside the appropriate range is entered. Enter a new number within the range listed on the display.
<code>Overwrite?</code>	An occupied location is chosen. Press  to overwrite the location or press any other key to try another location.

Entering Names

Any letter in the alphabet can be produced by the keypad. For example, press the key  to enter the letters A, B or C as shown:





Entering Characters


1. Enter a letter by pressing a key as many times as necessary.
2. Press  to move the cursor.
3. Repeat steps 1 and 2 as many times as necessary, and then press .

Tip: Press and hold any numeric key to toggle between uppercase and lowercase characters.

Correcting an Entry

To delete a character:



1. Press  or  to scroll the cursor left or right of the character to be deleted.

2. Press  to delete one character at a time.

or

Press and hold  to clear the display.

To add a character:

1. Press  or  to scroll the cursor to the location of the character to be added.

2. Enter a letter by pressing a key as many times as necessary.

Available Characters



Use chart below as a guide for producing characters:

1	Space . 1 ? ! , @ _ & : " () ' ¢ ¤ £ \$ Space . 1 ? ! , @ _ & : " () ' ¢ ¤ £ \$
2 _{ABC}	A B C 2 Ä Å à Æ ß Ç a b c 2 ä å à æ ß ç
3 _{DEF}	D E F 3 Δ É è Φ d e f 3 Δ é è Φ
4 _{GHI}	G H I 4 Γ ì g h i 4 Γ ì
5 _{JKL}	J K L 5 Λ j k l 5 Λ
6 _{MNO}	M N O 6 Ñ Ö ø Ò Ω m n o 6 ñ ö ø ò Ω
7 _{PQRS}	P Q R S 7 Π ß Σ p q r s 7 Π ß Σ
8 _{TUV}	T U V 8 Θ Ü ù t u v 8 θ ü ù
9 _{WXYZ}	W X Y Z 9 Ξ Ψ w x y z 9 Ξ Ψ
0+	+ - 0 x * / = > < # + - 0 x * / = > < #

Using Pauses in Numbers


When a call is placed to an automated system, a recorded message usually asks for numbers such as PIN numbers or account numbers. These numbers can be stored in the same memory location as the automated system's access number. Separate the numbers with "pauses"—special characters that tell the DPL handset to wait a few seconds before sending additional numbers—and store the string in the same way as other numbers.

Enter Pauses in Numbers

1. Enter the phone number used to access the automated system.
2. Press and hold . A pause character  will appear and inserted into the entry.
3. Enter the next group of numbers. For example, enter the PIN number. If the automated system requires a * or #, enter those symbols, too.
4. Repeat steps 2 to 3 as many times as necessary.
5. To store the entry follow the procedures in "Add an Entry" on page 23.

Tip: A total of 32 characters in a phone memory location, or 20 characters in a SIM card memory location can be stored. A pause is treated as one character.

Dial Numbers with Pauses

1. Recall the entry. (See "Locating Entries" on page 29.)
2. Press  to place the call.


The first pause in the number waits until the call is answered. When the automated system answers, the DPL handset waits a few seconds and then automatically sends the next set of numbers, then the next, until all numbers are sent.

Tip: The DPL handset displays up to 32 digits (two rows of 16 digits) when entered a number with pauses.

Using Phone Number Prefixes



The often used prefixes can be stored to save time during dialing. This is sometimes called “postscribing.” The DPL handset allows changes to be made to the Phone Book entries without overwriting them.

Use a Stored Prefix






1. Recall the prefix from the Phone Book.
2. Add the remaining numbers.
3. Press  to place the call.

Tip: Try naming the prefix by area like *Downtown*, *Suburbs* or *England*.

Change Entry to a Similar Number

1. Recall the number from the Phone Book
2. Press  to delete the unwanted digits.
3. Enter the replacement digits.
4. Press  to place the call.

Getting to Personal Numbers...

1. Press  until you see Phone Book, and then press .
2. Press  to scroll to Personal Numbers, and then press .
3. Press  to scroll to one of the features described below.




Locating Entries




Find an Entry by Name

Search the Phone Book by the first few letters of the entry.

Note: If either the SIM card or phone memory is restricted, those entries will not be available.



Tip: The DPL handset sorts SIM card memory and phone memory together alphabetically.

Tip: Use the  or  and  to scroll through the Phone Book entries.


1. Follow the steps in "Getting to Personal Numbers..." to get Find Entry By Name and then press  to select. An Enter Name message will appear.
2. Enter one or more characters of the entry, and then press . If necessary, scroll to the entry needed.
3. Press  to access options for that entry, and then proceed to "Calling, Modifying, or Erasing an Entry" on page 31.

Find an Entry by Location



Use the Options Menu

1. Follow the steps in "Getting to Personal Numbers..." to Find Entry By Location and then press  to select. An Enter Location message will appear.
2. Enter the one-, two-, or three-digit location number, and then press . The entry display will appear.


If an empty location number is entered, the Location XXX is Empty message will appear. The DPL handset will select the next available location. If no numbers are stored, the No Numbers Stored message will appear.

3. Press  to access options for that entry, and then proceed to "Calling, Modifying, or Erasing an Entry" on page 31.

Used the Dedicated Keys

1. Press . The `Enter Location` message will appear.
2. Enter the one-, two-, or three-digit location number of the entry, and then press . The entry display will appear.




If an empty location number is entered, the `Location XXX is Empty` message will appear. The DPL handset then selects the next available location.

3. Press  to call the displayed entry. The number will appear followed by the message `Calling`.






Calling, Modifying, or Erasing an Entry

Once a Phone Book entry is selected, it can be used to call, change or erase.

Call a Selected Entry




1. Find an entry, and then press . (See "Locating Entries" on page 29.)
2. Press  until `Call Number` message appears, and then press . The message `Selected Name` will appear followed by calling.

Modify a Name or Number






1. Find an entry, and then press . (See "Locating Entries" on page 29.)
2. Press  until `Modify Name Or Number, View Options` message appears, and then press . The `Edit Number` message will appear followed by the phone number stored in that entry.
3. Enter changes to the number, and then press . The name will be stored in that entry.
4. Enter changes to the name, and then press . The `Modified XXX` message will appear.

Tip: For help entering letters or changing entries, see "Entering Names" on page 24.

Erase a Name and Number





1. Find an entry, and then press . (See "Locating Entries" on page 29.)
2. Press  until `Erase Name And Number` appears, and then press . The message `Erased xxx` will appear.

Getting to Personal Numbers...

1. Press  until you see Phone Book, and then press .
2. Press  to scroll to Personal Numbers, and then press .
3. Press  to scroll to one of the features described below.

Checking Phone Book Capacity

Use this feature to see how many available memory locations in either SIM card memory or 9522A modem memory.

1. Follow the steps in "Getting to Personal Numbers..." to get to `Check Capacity` and then press  to select.
2. Press  until `Check Phone Capacity` or `Check SIM Capacity` appears, and then press . The message `XXX Unused Locations` will appear.
3. Press and hold  to exit the menu.






Preventing Access to the Phone Book

Memory access can be restricted when the DPL handset/9522A modem is loaned to another user. Access to the 9522A memory, SIM memory or both can be prevented.

1. Follow the steps in "Getting to Personal Numbers..." to get to **Prevent Access** and then press **OK** to select.
2. Press **MENU** until the correct restricted type appears: **No Memory Restrictions**, **To Phone Memory**, **To SIM Card Memory**, or **To Phone & SIM Memory**.
3. Press **OK** to select the display option. The **Enter Security Code** message will appear.
4. Enter the six-digit security code. The message **Completed** will appear.
5. Press and hold **C** to exit the menu.

Note: If either the 9522A modem memory or the SIM memory is restricted and access is attempted to an entry stored in that type of memory, a list of non-restricted entries will appear. If access to both the 9522A modem and the SIM memory are restricted, a message **Restricted** will appear.

Getting to Fixed Dialing...

1. Press  until you see Phone Book, and then press .
2. Press  to scroll to Fixed Dialing, and then press .
3. Press  to scroll to one of the features described below.






Restricting DPL Handset Use

The DPL handset can restrict outgoing calls to a pre-defined list of numbers. When the fixed dialing feature is active, only numbers or prefixes match those stored in the fixed dial list are allowed to be used. A total of up to 40 entries can be stored on the list. These entries are stored on the SIM card.

Activate Fixed Dialing






Use this feature to activate fix dialing. For instructions on how to store entries in the fixed dial list, see "Add an Entry" below.




Note: The fixed dialing feature restricts access to the SIM memory.

1. Follow the steps in "Getting to Fixed Dialing..." to get to Setup Fixed Dialing and then press  to select. The Enter PIN2 message will appear.
2. Enter the SIM card PIN2 code, and then press .
3. Press  until the On or Off message appears, and then press . The message Completed will appear.
4. Press and hold  to exit the menu.

Add an Entry

To add an entry to the fixed dial list:

1. Follow the steps in "Getting to Fixed Dialing..." to get to Setup Fixed Dialing and then press  to select. The Enter PIN2 message will appear.
2. Enter the SIM card PIN2 code, and then press .
3. Press  until the Add Entry message appears, and then press . The message Enter Number will appear.
4. Enter the number and then press . The message Enter Name will appear.








5. Enter name and then press . The message `Enter Location` will appear.
6. Enter a location number and then press . The message `Stored` will appear.
7. Press and hold  to exit the menu.

Tip: Phone numbers must be in international format.

Tip: See "Entering Names" on pages 24-26 for help entering letters.









Erase an Entry



To erase an entry to the fixed dial list:

1. Follow the steps in "Getting to Fixed Dialing..." to get to `Setup Fixed Dialing` and then press  to select. The `Enter PIN2` message will appear.
2. Enter the SIM card PIN2 code, and then press .
3. Press  until the `Erase Entry` message appears, and then press . The first entry in the fixed dial list will be shown.
4. Press  to scroll to the desired number. The message `Erased?` will appear.
5. Press  to confirm and the message `Erased` will appear.
6. Press and hold  to exit the menu.

Edit an Entry




To edit an entry in the fixed dial list:

1. Follow the steps in "Getting to Fixed Dialing..." to get to `Setup Fixed Dialing` and then press  to select. The `Enter PIN2` message will appear.
2. Enter the SIM card PIN2 code, and then press .
3. Press  until the `Edit Entry` message appears, and then press . The first entry in the fixed dial list will be shown.
4. Press  to scroll to the desired number and then press . The current number of that location will appear.
5. Enter changes to the number and then press . The current name for that location will appear.
6. Enter changes to name and then press . The current location will appear.




7. Enter a new location and then press . The `Modified` message will appear.
8. Press and hold  to exit the menu.

View Fixed Dialing List

This feature enables users to review, but not change, the fixed dial list.







1. Follow the steps in "Getting to Fixed Dialing..." to get to `View Fixed Dial List` and then press  to select. The first number on the fixed dial list will appear.
2. Press  to scroll through the numbers on the fixed dial list.
3. Press and hold  to exit the menu.


Getting to Phone Book Features...

1. Press  until you see Phone Book, and then press .
2. Press  to scroll to one of the features described below. You will see the feature name, followed by Select?.

Viewing the Last Ten Calls Made or Received

The DPL handset saves the last ten phone numbers dialed. To view the phone numbers of the last ten calls made:

1. Follow the steps in "Getting to Phone Book Features..." to get to Last Ten Calls and then press  to select.
2. Press  to scroll to Last Calls Made or Erase All Numbers , and then press  to select.
3. If Last Calls Made is selected, press  to scroll to the number desired and then press  to place a call to that number
or
If Erase All Numbers is selected, then the Completed message will appear.
4. Press and hold  to exit the menu.

Tip: To add a number from the Last Ten Calls to the Phone Book, press  when the number is displayed, then follow the steps in "Storing Names and Numbers" on pages 23-26.

Viewing and Modifying Phone Numbers

View SIM Card Phone Number(s)

Up to three phone numbers (such as the data and voice phone numbers) can be programmed onto the SIM card. Use this feature to view phone number(s) stored on the SIM card.

1. Follow the steps in "Getting to Phone Book Features..." to get to **My Phone Number(s)**
2. Press **OK** to select. The voice phone number will appear followed by **Modify?**
3. Press **MENU** to scroll through the numbers.
4. Press and hold **C** to exit the menu.

Note: No phone number will appear if they have been programmed onto the SIM card. The voice phone number and other phone numbers can be programmed onto the SIM card by following the steps described in "Modify Phone Number(s)" below.

Tip: Pressing **MR** **#** also brings up the phone number.

Modify Phone Number(s)

Use this feature to modify or program the voice phone number onto the SIM card. Other phone numbers (for example, a data phone number) can be programmed onto the SIM card as well. Up to three phone numbers can be stored.

1. Follow the steps in "Getting to Phone Book Features..." to get to **My Phone Number(s)**
2. Press **OK** to select. The voice phone number will appear followed by **Modify?**
3. Press **MENU** to scroll to the number to be modified.
4. Press **OK** to modify the number. The message **Edit Number** will appear followed by the number for the selected entry.
5. Enter changes to the number, and then press **OK**. The **Edit Name** message will appear followed by the name for the entry selected.
6. Enter changes to the names and then press **OK**. The **Stored** message will appear.
7. Press and hold **C** to exit the menu.

Using One-Touch Dialing

One-touch dialing enables users to place calls instantly. Users can choose to dial the phone numbers in the first nine memory locations in either SIM memory, 9522A modem memory or fixed dial list. Any type of memory can be activated with this feature.

Set Up One-Touch Dialing

To set the active memory for one-touch dialing:

1. Follow the steps in "Getting to Phone Book Features..." to **One-Touch Dial Settings** and press **OK** to select.
2. Press **MENU** to scroll through **To Phone Memory** , **To SIM Card Memory** , or **To Fixed Dial List** and then press **OK** to select the displayed option. The message **Completed** will appear.
3. Press and hold **C** to exit the menu.




Use One-Touch Dialing

To use one-touch dialing, press and hold the appropriate digit key. For example, press and hold **2 ABC** to dial the number stored in location 2 of the phone memory, location 2 of the fixed dial list or 102 of the SIM memory, depending on the setting.

Tip: It is not necessary to press **OK** to call the number when use one-touch dialing.

Viewing Service Phone Numbers

The show services feature provides a read-only list of service phone numbers that are pre-programmed by an Iridium service provider. This list resides on the SIM card and allows for call placement only.

1. Follow the steps in "Getting to Phone Book Features..." to get to *Show Services*.
2. Press  to select and a list of service phone numbers will appear.
3. Press  to scroll to the number desired.
4. Press  to place a call to that number

or

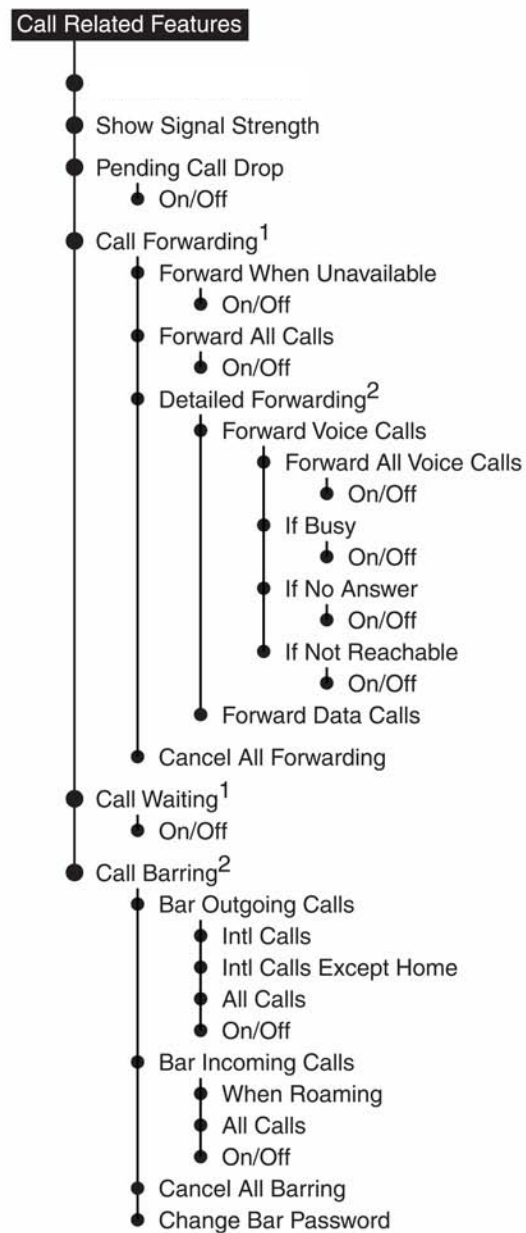
Press and hold  to exit the menu.

Note: If no service dialing number(s) appear, then they have not been programmed onto the SIM card.

Using Calling Features

This chapter describes call-related features. Many of these features are network related that must be subscribed to in order to access.






Call Related Features Menu



1 This feature is network and subscription dependent.

2 This feature is network and subscription dependent. It is available only when the extended menus are activated.








Getting to Call Forwarding...

1. Press  until you see Call Related Features, and then press .
2. Press  to scroll to Call Forwarding, and then press .
3. Press  to scroll to one of the features described below.

Forwarding Calls When Unavailable

Use this feature when a call cannot be answered.

Note: This feature must be subscribed through an Iridium service provider. To activate this feature:

1. Follow the steps in "Getting to Call Forwarding..." to get to **Forward When Unavailable** and then press  to select. The DPL handset will take a moment to request the current setting from the network.
2. Press  to scroll to either **On** or **Off**, and then press  to select.
 - If **On** is selected, continue with step 3.
 - If **Off** is selected, continue with step 5.
3. Press  to scroll to **Voicemail** or **Other Number** and then press  to select.
 - If **Voicemail** is selected, continue with step 5.
 - If **Other Number** is selected, then **Enter Number** message will appear. Continue with step 4.
4. Enter the number to be forwarded to, and then press .
5. Press and hold  to exit the menu.

Forwarding All Calls

This feature forwards all calls to a pre-assigned number. The DPL handset will not ring.

Note: This feature must be subscribed through an Iridium service provider.

To activate this feature:

1. Follow the steps in "Getting to Call Forwarding..." to get to **Forward All Calls**, and then press **OK** to select. The DPL handset will take a moment to request the current setting from the network.
2. Press **MENU** to scroll to either **On** or **Off**, and then press **OK** to select.
 - If **On** is selected, the DPL handset will take a moment to contact the network and update the setting. Continue with step 3.
 - If **Off** is selected, continue with step 5.
3. Press **MENU** to scroll to **Voicemail** or **Other Number** and then press **OK** to select.
 - If **Voicemail** is selected, continue with step 5.
 - If **Other Number** is selected, then **Enter Number** message will appear. Continue with step 4.
4. Enter the number to be forwarded to, and then press **OK**.
5. Press and hold **C** to exit the menu.










Using Detailed Call Forwarding

This feature lets users select the specific situations when to forward a call. Both of the features `Forward When Unavailable` and `Forward All Calls` override the settings of this feature. This feature is available only when the extended menus are activated.

Note: This feature must be subscribed through an Iridium service provider.

Voice Calls

To forward voice calls:

1. Follow the steps in "Getting to Call Forwarding..." to get to `Detailed Forwarding` and then press  to select. The DPL handset will take a moment to request the current setting from the network.
2. Press  to scroll to `Forward Voice Calls`, and then press  to select.
3. Press  to scroll to one of the following options: `Forward All Voice Calls`, `If Busy`, `If No Answer`, or `If Not Reachable`.
4. Press  to select the displayed option. The DPL handset will take a moment to contact the network and update the setting. The message `Call Forward On` will appear.
5. Press  to scroll to `Voicemail` or `Other Number` and then press  to select.
 - If `Voicemail` is selected, continue with step 7.
 - If `Other Number` is selected, then `Enter Number` message will appear. Continue with step 6.
6. Enter the number to be forwarded to, and then press .
7. Press and hold  to exit the menu.




Canceling All Call Forwarding

This feature cancels all call forwarding settings.

Note: This feature must be subscribed through an Iridium service provider.

1. Follow the steps in "Getting to Call Forwarding..." to get to `Cancel All Forwarding` and then press `OK` to select. The DPL handset will take a moment to request the current setting from the network. The message `Call Forward Off` will appear. All call forwarding settings are now set to `Off`.
2. Press and hold `C` to exit the menu.

Getting to Call Related Features...

1. Press  until you see Call Related Features, and then press .
2. Press  to scroll to one of the features described below. You will see the feature name, followed by Select?.

Restrict Calls with Call Barring






Call barring can be used to restrict both incoming and outgoing calls. This feature is useful when the DPL handset/9522A modem is loaned to others or when control of incoming calls is desired. When one of the call barring settings is changed, the DPL handset will take a few seconds to request the setting from the network.

Note: This feature must be subscribed through an Iridium service provider.

This feature is only available when the extended menus are activated.

Call forwarding must be disabled before call barring is activated.






Getting to Call Barring...

1. Press  until you see Call Related Features, and then press .
2. Press  to scroll to Call Barrina, and then press .
3. Press  to scroll to one of the features described below. You will see the feature name, followed by Select?.

Bar Outgoing Calls

This feature allows incoming calls but prevents outgoing calls.

To bar outgoing calls:

1. Follow the steps in the "Getting to Call Barring..." to get to Bar Outgoing Calls and then press  to select. The DPL handset will take a moment to request the current setting from the network.
2. Press  to scroll to Intl Calls, Intl Calls Except Home, All Calls or Off and then press  to select. The message Enter Password will appear.
3. Enter the bar password, and then press . The message Call Barring On or Call Barring Off will appear.
4. Press and hold  to exit the menu.


Note: Since all Iridium calls are international, Intl Calls and Intl Calls Except Home, are not functional selections.



Tip: The default password is 0000.

Bar Incoming Calls

This feature allows outgoing calls but prevents incoming calls. Callers will hear a recording indicating of unavailability.




To bar incoming calls:

1. Follow the steps in the "Getting to Call Barring..." to get to Bar Incoming Calls and then press  to select. The DPL handset will take a moment to request the current setting from the network.

2. Press  to scroll to *When Roaming , All Calls* or *Off* and then press  to select. The message *Enter Password* will appear.
3. Enter the bar password, and then press . The message *Call Barring On* or *Call Barring Off* will appear.
4. Press and hold  to exit the menu.






Cancel All Barring

To cancel all call barring settings:

1. Follow the steps in the "Getting to Call Barring..." to get to *Cancel All Barring* and then press  to select. The message *Enter Password* will appear.
2. Enter the bar password, and then press . The message *Call Barring Off* will appear. All call barring settings are now set to *Off*.
3. Press and hold  to exit the menu.




Change Bar Password

When subscribe to call barring, an Iridium service provider provides a four-digit bar password. Use this feature to change it to something easy to remember.

1. Follow the steps in the "Getting to Call Barring..." to get to *Change Bar Password* and then press  to select. The message *Enter Password* will appear.
2. Enter the bar password, and then press . The message *Enter New Password* will appear.
3. Enter the new bar password and then press .
4. Enter the new bar password again to confirm and then press .
5. Press and hold  to exit the menu.






Tip: If the password is changed for the first time, use the password 0000.

Getting to Call Related Features...

1. Press  until you see Call Related Features, and then press .
2. Press  to scroll to one of the features described below. You will see the feature name, followed by Select?.

Viewing Signal Strength





Use this feature to check the signal strength that the DPL handset/9522A modem is receiving from the Iridium satellite network.

1. Follow the steps in "Getting to Call Related Features..." to Show Signal Strength
2. Press  to select. The message *Checking Signal...* will appear. The signal strength indicator   is located in the upper left corner of the DPL handset display. Signal strength is sampled every four to five seconds; the indicator shows the average strength for the last three samples. The more segments displayed in the bar graph, the stronger the signal. Five bars indicate full signal strength. The indicator shows the tower icon  but no bars when the signal is weak.
3. Press and hold  to exit the menu.

Deactivating Pending Call Drop Signal

Under rare circumstances, due to system overcapacity or a satellite outage, a satellite may not be available to take a call. When this happens, the DPL handset will notify user with a series of three consecutive tones and displays `Pending Call Drop`. The tones continue periodically until a new satellite moves into range or the call is dropped.

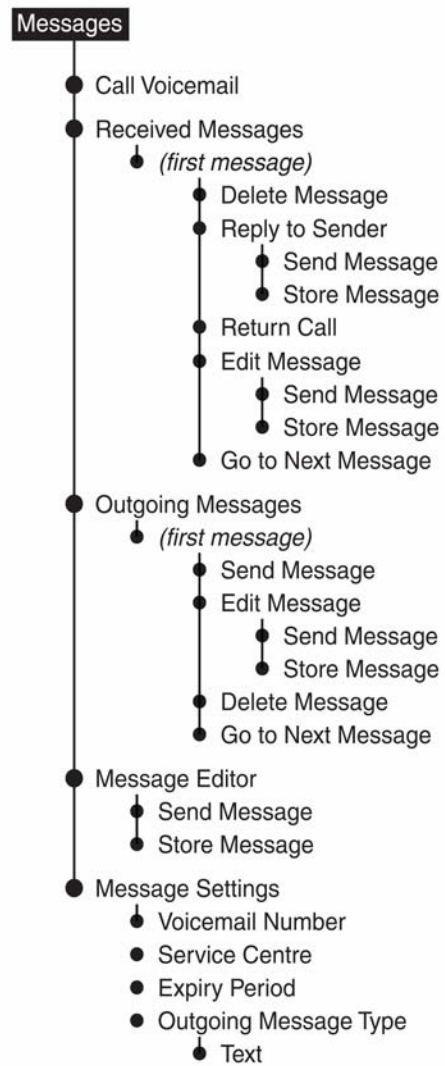
To activate or deactivate the alert tones:

1. Follow the steps in "Getting to Call Related Features ..." to `Pending Call Drop`, and then press  to select.
2. Press  to scroll to either `On` or `Off`, and then press  to select.
3. Press and hold  to exit the menu.





Using Message Services

Users can receive voicemail notification messages, and send and receive numeric and text messages through the Personal Mailbox Services anywhere in the world.

Messages Menu




Getting to Message Features...

1. Press  to go directly to the Messages menu.
or
Press  until you see Messages, and then press .
2. Press  to scroll to one of the features described below. You will see the feature name, followed by Select?.

Checking Voicemail


Use this feature to check voicemail.

1. Follow the steps in "Getting to Message Features..." to get to Call Voicemail.
2. Press  to select. The voicemail number will appear followed by Calling . If the voicemail number has not been previously stored, then the following message will appear No Number Available.

Managing Received Messages

How the DPL Handset/9522A Notifies User of Messages

If the DPL handset/9522A modem is powered on, messages are notified in the following ways:

- The DPL handset beeps three times to inform user of an incoming message
 - The  (message) indicator is displayed
 - The message is displayed immediately and remains on the DPL handset display for several seconds
- or
- The `Message Read Now?` is displayed if the message is an alphanumeric text message of up to 160 characters

How Messages Are Stored

The DPL handset stores all messages on the SIM card. If the message indicator is flashing, the SIM card is full.

What Messages Contain

Messages received can be short text or numeric messages in the Personal Mailbox. Text messages may contain up to 160 characters. Numeric messages—typically the phone numbers—may contain up to 20 digits. Messages contain multiple screens with the following information:

- The message
- The date and time the message was sent
- The phone number (if available) from which the message was sent



The Personal Mailbox works along with Call Forwarding.

Accessing Received Messages

Read a New Message





Notification Messages

An incoming voicemail notification message automatically scroll across the DPL handset screen, which user can:

- Press  to store it on the SIM card
- Press  to delete it







Text Messages

When a new alphanumeric message is received, the `Message Read Now?` will appear.
To read it:

1. Press  and continue with step 2.
or
Press  to read the message later.
2. Press  to move forward through a message one screen at a time.
3. Press  to access menu options for the message.



Note: If the message storage space on the SIM card is full, a message can not be stored for later retrieval.

Getting to Received Messages...

1. Press  to go directly to the Messages menu.
or
Press  until you see Messages, and then press .
2. Press  to scroll to Received Messages, and then press .
3. Press  to scroll to one of the features described below.

Read a Stored Message

To read a stored message:





1. Follow the steps in the "Getting to Received Messages..." to enter the message center. Number of messages stored will appear, followed by the first message. If there are no messages, then No Messages will appear.
2. Press  to scroll through the message one screen at a time.
3. Press  to access menu options for the message.

or

Press and hold  to exit the menu.





Go to the Next Message

To go to the next message:

1. Follow the steps in the "Read a Stored Message".
2. Press  until Go To Next Message appears and then press . The next message will appear. If the end of message list is reached then the first message will appear again.
3. Press  to scroll through the message one screen at a time.
4. Repeat steps 2 to 3 to read all messages.
5. Press and hold  to exit the menu.







Delete a Message

Use this feature to make room for new messages on the SIM card:

1. Follow the steps in the "Go to the Next Message" until the desired message is reached, and then press .
2. Press  until **Delete Message** appears and then press . The **Message Deleted** message will appear.
3. Press and hold  to exit the menu.




Reply to Sender

Use this feature to reply to a message:

1. Follow the steps in the "Go to the Next Message" until the desired message is reached and then press .
2. Press  until **Reply to Sender** appears and then press .
3. Compose the message to be sent. If it is a reply to an e-mail, the sender's e-mail address will appear, and a blinking cursor indicates where to begin composing the message. **Note:** Leave a space between the e-mail address and the beginning of a message.
4. Press  and the message **Send Message** will appear.
5. Press  and the message **Enter Number** will appear. If available, the sender's phone number will automatically appear. If replying to an e-mail, the standard e-mail response number (00*2 or +*2) will appear.
6. Enter number (if none is present) and press  to send the message.





Edit a Received Message

A received message can be edited and then the modified message can be sent and/or store in the outgoing messages list:

1. Follow the steps in the "Go to the Next Message" until the desired message is reached and then press .
2. Press  until **Edit Message** appears and then press .

The message is copied to the message editor. The final portion of the message will be displayed in the editing area. The cursor is placed at the end of the message.


Getting to Message Features...

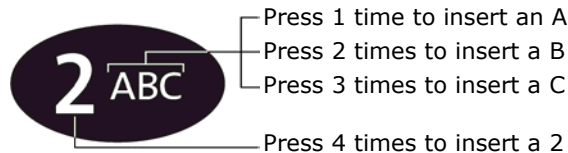
1. Press  to go directly to the Messages menu.
or
Press  until you see Messages, and then press .
2. Press  to scroll to one of the features described below. You will see the feature name, followed by Select?.

Managing Outgoing Messages

A new message can be created and sent immediately, or stored in an outgoing messages list for later use. A received message can be edited, then sent and/or saved the modified message. Messages are created and edited in the message editor.

Message Editor



The message editor allows a user to create a new message or modify a stored message via the keypad. Any letter of the alphabet can be produced by pressing the appropriate key. For example, press the key  to enter the letters A, B or C as shown:






For a complete list of the characters from the keypad, see page 26.

Create a New Message


To create a new message in the message editor:

1. Follow the steps in the "Getting to Message Features..." to get to Message Editor and then press  to select. The message editor displays the contents of the last message entered. If there are no previous messages, the cursor is placed in the upper left corner of the editing area.
2. Press and hold  to clear the entire message editor contents, if necessary.

3. Begin composing the message. Enter a letter by pressing a key as many times as necessary.
4. Press  or  to advance the cursor.
5. Repeat steps 3 and 4 as many times as necessary to complete the message. Lines of text are automatically formatted in the display. When the bottom of the editing area is reached, the top lines of text scroll up and off the display in order to keep the cursor and the last few lines of the text in view.
6. When finish composing the message, press  to access options for that entry. Message editor menu options will allow the message to be sent immediately or stored for later use.

Create a New E-Mail Message




Note: This feature must be subscribed through an Iridium service provider.

1. Follow the steps in the "Create a New Message."
2. Compose the message, starting with the destination e-mail address, followed by a space, and then the message. For example, johndoe@domain.com *This is a sample message*. Note: The maximum length of the entire message (including the destination e-mail address) is 160 characters. The editor will stop after the 160th character has been entered.
3. Press  to access options for that entry.

Edit a Message

A new message can be edited anytime while being created. Received messages or messages stored in the outgoing messages list can also be edited.



To delete text in a message:

1. Press  or  to scroll the cursor to the right of the text to be deleted.
2. Press  to delete one character at a time.

or





Press and hold  to clear the display.

To add text to a message:

3. Press * or  to scroll the cursor to the location where new text is to be added.
4. Enter a letter by pressing a key as many times as necessary.


Send a Message

To send a message from the message editor:


1. Press  to access message editor menu options.
2. Press  until the message `Send Message` appears and then press . The user will be asked to enter the destination address or phone number for the message.
3. Enter the destination address and then press  to send the message. If the destination is a phone number, enter it beginning with "00" or "+". If the destination is an e-mail address, enter "00*2" or "+*2".

The message is sent to the message service center, which forwards the message to its final destination. The message `Message Sent` will appear when the message arrives at the service center.

If the message cannot be delivered to the service center, the `Message Failed` message will appear, followed by `Resend?` on the next line. Two options can be chosen:

Press  to resend the message.




or

Press  to abandon the attempt to send the message at this time.

If a service center had not been previously stored, then the `No Service Centre` will appear.







Store a Message

To store the contents of the message editor to the outgoing messages list:

1. Press  to access message editor menu options.
2. Press  until the message `Store Message` appears and then press . The message `Stored to Outgoing` will appear.

Outgoing messages are stored on the SIM card. When the SIM card is full (indicated by a flashing message indicator), no additional message can be saved for later retrieval. Use the delete message feature to make room for new messages on the SIM card.



Getting to Outgoing Messages...

1. Press  to go directly to the Messages menu.
or
Press  until you see Messages, and then press .
2. Press  to scroll to Outgoing Messages, and then press .
3. Press  to scroll to one of the features described below.

Read a Stored Message

This feature displays the first message stored in the outgoing messages list.

To read a stored message:

1. Follow the steps in the "Getting to Outgoing Messages..." to enter the message center. Number of messages stored will appear, followed by the first message. If there are no messages, the `No Messages` will appear.
2. Press  to scroll through the message one screen at a time.
3. Press  to access menu options for the message.





or

Press and hold  to exit the menu.

Go to the Next Message

This feature takes user to the next message in the outgoing messages list.




To go to the next message:

1. Follow the steps in the "Read a Stored Message".
2. Press  until `Go To Next Message` appears and then press . The next message will appear.
3. Press  to scroll through the message one screen at a time.
4. Repeat steps 2 to 3 to read all messages.
5. Press and hold  to exit the menu.

Send a Stored Message

This feature sends a message stored in the outgoing messages list.

To send a stored message:


1. Follow the steps in "Read a Stored Message".
2. Press  until the message `Send Message` appears and then press . The user will be asked to enter the destination address or phone number for the message.
3. Enter the destination address and then press  to send the message. If the destination is a phone number, enter it beginning with "00" or "+". If the destination is an e-mail address, enter "00*2" or "+*2".

The message is sent to the message service center, which forwards the message to its final destination. The message `Message Sent` will appear when the message arrives at the service center.

If the message cannot be delivered to the service center, the `Message Failed` message will appear, followed by `Resend?` on the next line. Two options can be chosen:

Press  to resend the message.

or




Press  to abandon the attempt to send the message at this time.

If a service center had not been previously stored, then the `No Service Centre` will appear.

Edit a Stored Message

A stored message in the outgoing messages list can be edited.

To edit a stored message:





1. Follow the steps in the "Go to the Next Message" until the desired message is reached and then press .
2. Press  until `Edit Message` appears and then press .

The message is copied to the message editor. The final portion of the message will be displayed in the editing area. The cursor is placed at the end of the message.







Delete a Stored Message

Use this feature to make room for new messages on the SIM card.

To delete a stored message:

1. Follow the steps in the "Go to the Next Message" until the desired message is reached, and then press .
2. Press  until `Delete Message` appears and then press . The message `Message Deleted` will appear.
3. Press and hold  to exit the menu.







Getting to Message Settings...

1. Press  to go directly to the Messages menu.
or
Press  until you see Messages, and then press .
2. Press  to scroll to Message Settings, and then press .
3. Press  to scroll to one of the features described below.

Managing Other Message Settings

Store Voicemail Number

To store a voicemail number:


1. Follow the steps in "Getting to Message Setting..." to get to Voicemail Number, and then press  to select. The Enter Voicemail Number message will appear followed by the current voicemail number. If this is the first time storing the voicemail number, continue with step 3.
2. Press  to select Voicemail Number. Press  to clear one digit at a time, or press and hold  to erase the entire number.
3. Enter the new number, and then press . The Completed message will appear.
4. Press and hold  to exit the menu.





Tip: Use pause dialing to store the voicemail access and PIN number together.

Enter Service Center Number

Use this feature to enter the number for the service center that forwards outgoing messages. A service center number must be specified first before any messages can be sent.

To enter the service center number:






1. Follow the steps in the "Getting to Message Setting..." to get to Service Centre and then press  to select. The Enter Service Number message will appear followed by the current service center number. If this is the first time storing the service center number, continue with step 3.

2. Press  to clear one digit at a time, or press and hold  to erase the entire number.
3. Enter the new number, and then press . The `Completed` message will appear.
4. Press and hold  to exit the menu.

Set Expiry Period

This feature specifies the maximum amount of time, in hours, that an un-forwarded outgoing message will remain at the service center before it is deleted.

To set the message expiration period:

1. Follow the steps in the "Getting to Message Setting..." to get to `Expiry Period`, and then press  to select. The `Enter Hours` message will appear followed by the current setting.
2. Press  to clear one digit at a time, or press and hold  to erase the entire number.
3. Enter the new number, and then press . The `Hours` message will appear followed by the number entered.
4. Press and hold  to exit the menu.





Tip: The default expiration period setting is 7 days (168 hours).

Specify Outgoing Message Type

Messages can be sent to a device which interprets them in a format other than text. The service center converts the messages before forwarding them to the destination address.

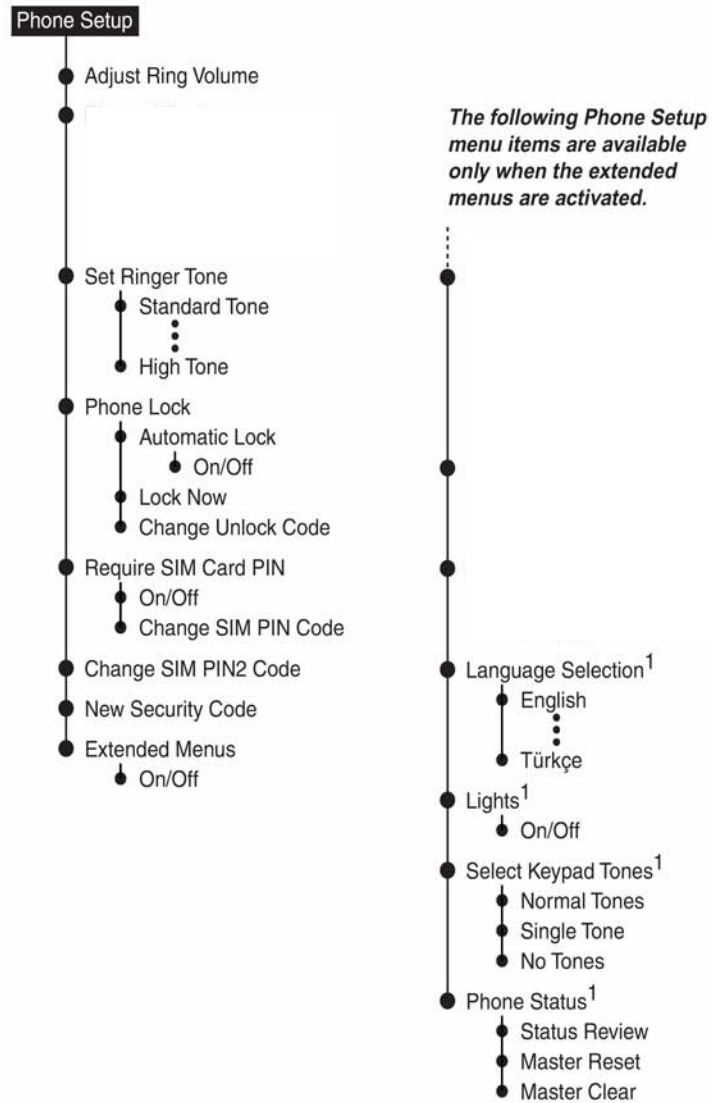
Note: Currently, the only supported message type is "TEXT".

To specify the outgoing message type:

1. Follow the steps in "Getting to Message Setting..." to `Outgoing Message Type`, and then press  to select.
2. Press  to scroll to the desired type, and then press  to select it.
3. Press and hold  to exit the menu.




Customizing DPL Handset Features

DPL Handset Setup Menu



¹ This feature is available only when the extended menus are activated.

Getting to Phone Setup...



1. Press  until you see Phone Setup, and then press .
2. Press  to scroll to one of the features described below. You will see the feature name, followed by Select?.

Managing DPL Handset Ringer Settings

The DPL handset's ringer volume and tone can be adjusted to notify user of incoming calls.

Adjust the Ringer Volume





Use this feature to adjust the volume of the ringer. The DPL handset sounds the new volume level as it is being adjusted.

1. Follow the steps in the "Getting to Phone Setup..." to get *Adjust Ring Volume* and then press  to select.
2. Increase the volume by pressing the upper volume control key below the display screen or decrease the volume by pressing the lower volume control key below the display screen.
3. Press and hold  to exit the menu.






Tip: Press  only if feature on "Quick Access" Menu then adjust with upper and lower volume key.

Set Ringer Tone

Select any of the tone from 10 different options.

1. Follow the steps in the "Getting to Phone Setup..." to get to *Set Ringer Tone*, and then press  to select.
2. Press  to scroll through the ringer tone options. A one-ring-cycle demonstration will be sounded of each tone as its name is displayed.
3. Press  to select the desired ringer tone.
4. Press and hold  to exit the menu.

Getting to Phone Lock...





1. Press  until you see Phone Setup, and then press .
2. Press  to scroll to Phone Lock, and then press .
3. Press  to scroll to one of the features described below.

Locking and Unlocking the DPL Handset

These features can help prevent unwanted use of the DPL handset/9522A modem.


Lock the DPL Handset Automatically

Use this feature to set the DPL handset to lock itself every time it is powered on.

1. Follow the steps in the "Getting to Phone Lock..." to get to **Automatic Lock**, and then press .
2. Press  to choose either **On** or **Off**, and then press  to select. The message **Completed** will appear.
3. Press and hold  to exit the menu.


Lock the DPL Handset Instantly

Use this feature to lock the DPL handset immediately.

1. Follow the steps in the "Getting to Phone Lock..." to get to **Lock Now**.
2. Press  to select and the message **Locked** will appear.

Note: Once the DPL handset is unlocked, it remains unlocked until it is locked again.

Unlock the DPL Handset

1. Enter the four-digit unlock code.
2. Press .

Tip: The factory default unlock code is 1234,






Change the Unlock Code

The unlock code is originally set to 1234. Change this code as soon as possible.

1. Follow the steps in "Getting to Phone Lock..." to get to **Change Unlock Code** , and then press **OK** to select. The message **Enter Security Code** will appear.
2. Enter the six-digit security code. The **Enter Phone Unlock Code** message and current lock code will appear.
3. Press **C** to clear one digit at a time, or press and hold **C** to erase the entire number.
4. Enter a new four-digit unlock code, and then press **OK** . The **Phone Lock** message and the new lock code will appear.
5. Press and hold **C** to exit the menu.

Tip: The factory default security code is 000000.

Getting to Require SIM Card PIN...





1. Press  until you see Phone Setup, and then press .
2. Press  to scroll to Require SIM Card PIN, and then press .
3. Press  to scroll to one of the features described below. You will see the feature name, followed by View Options?.

Protecting the SIM Card

A Personal Identification Number (PIN) code can be used to protect the information stored on the SIM card even when it is inserted into someone else's DPL handset/9522A modem.

Activate and Deactivate the SIM Card PIN Code



When the PIN code is activated on the SIM card, the DPL handset/9522A modem requests the code whenever it is powered on. To change this setting, the PIN code provided by an Iridium service provider needs to be entered.




1. Follow the steps in the "Getting to Require SIM Card PIN..."
2. Press  to choose either On or Off, and then press . The message Enter PIN will appear.
3. Enter four- to eight-digit SIM card PIN code, and then press . The message Completed will appear.
4. Press and hold  to exit the menu.

Tip: The SIM card PIN code is obtained from an Iridium service provider. The default SIM card PIN code is 1111.

Change the SIM Card PIN Code









To choose a PIN code:


1. Follow the steps in "Getting to Require SIM Card PIN..." to Change SIM PIN Code and then press  to select. The message Enter Old PIN will appear.
2. Enter the current PIN code, and then press . The Enter New PIN message will appear.

3. Enter a new PIN code, and then press . The `Repeat New PIN` message will appear.
4. Re-enter the new PIN code, and then press  again. The `Completed` message will appear.
5. Press and hold  to exit the menu.




Unblock the PIN Code

If the PIN code is entered incorrectly three times in a row, the `Blocked` message will appear in the display. A PIN unblocking key (PUK1) needs to be entered, which can be obtained from your Iridium service provider.

1. Press     .
2. Enter the eight-digit PUK1 unblocking key, and then press . Your Iridium service provider supplies this code.
3. Enter a new PIN code, and then press .
4. Re-enter the new PIN code, and then press .

Tip: The message `Blocked` indicates that an incorrect PIN code was entered. The message  `Blocked` indicates that an incorrect PIN2 code was entered.

Getting to Phone Setup...

1. Press  until you see Phone Setup, and then press .
2. Press  to scroll to one of the features described below. You will see the feature name, followed by Select?.






Managing Other Security Settings

The DPL handset/9522A modem includes other security features:

- A SIM card PIN2 code for accessing fixed dialing settings and other subscription-dependent features
- A security code controls access to security and other menu options


Change the SIM Card PIN2 Code

The SIM PIN2 code is used to access fixed dialing settings. This four- to eight-digit code is issued when subscribed to the feature. Use this feature to choose a new code.

1. Follow the steps in the "Getting to Phone Setup..." to **Change SIM PIN2 Code** and then press  to select. The message **Enter Old PIN2** will appear.
2. Enter the current PIN2 code, and then press . The **Enter New PIN2** message will appear.
3. Enter a new PIN2 code, and then press . The **Repeat New PIN** message will appear.
4. Re-enter the new PIN2 code, and then press . The **Completed** message will appear.
5. Press and hold  to exit the menu.

Tip: The SIM card PIN2 code is obtained from your Iridium service provider.

Unblock the PIN2 Code

If the PIN2 code is entered incorrectly three times in a row,  **Blocked** message will appear in the display. A PIN2 unblocking key (PUK2) needs to be entered, which can be obtained from your Iridium service provider.

1. Press .
2. Enter the eight-digit PUK2 unblocking key, and then press . Your Iridium service provider supplies this code.
3. Enter a new PIN2 code, and then press .
4. Re-enter the new PIN2 code, and then press .

Change the Security Code

The security code is the DPL handset/9522A modem's primary security number. It is used to reset the DPL handset/9522A modem to its default settings and prevent access to the Phone Book. It is originally set to 000000.

1. Follow the steps in the "Getting to Phone Setup..." to get to **New Security Code** and then press to select. The message **Enter Security Code** will appear.
2. Enter the current security code, and then press . The **Enter New Security Code** message will appear.
3. Enter a new security code, and then press . The **Secur. Code** message and the six-digit number selected will appear.
4. Press and hold to exit the menu.




Activating Extended Menus

This feature activates and deactivates the extended menus.

1. Follow the steps in the "Getting to Phone Setup..." to get to **Extended Menus** and then press to select.
2. Press to choose either **On** or **Off**, and then press .
3. Press and hold to exit the menu.

When extended menus are deactivated, it can be activated temporarily to access hidden features. Press and hold to activate the extended menus temporarily. This shortcut displays all extended menu features until the Options menu is exited.





Getting to Phone Setup...

1. Press  until you see Phone Setup, and then press .
2. Press  to scroll to one of the features described below. You will see the feature name, followed by Select?.

Selecting the Display Language

The DPL handset/9522A modem contains 21 languages. Use this feature to select the language in which the DPL handset displays menus and messages in.

Note: This feature is available only when the extended menus are activated.





1. Follow the steps in the "Getting to Phone Setup..." to get to Language Selection and then press  to select.
2. Press  to scroll through the choices, and then press  to select the display option.
3. Press and hold  to exit the menu.

If the language of the DLP handset is changed accidentally, press and hold  key to return to the idle display, then press     to return directly to the language selection submenu.






Setting Keypad Tones

This feature allows users to choose the sound the DPL handset makes when its keys are pressed.

Note: This feature is only available when the extended menus are activated.

1. Follow the steps in the "Getting to Phone Setup..." to get to Select Keypad Tone and then press  to select.
2. Press  to choose Normal Tones , Single Tone , or No Tones , and then press  to select.
3. Press and hold  to exit the menu.

Getting to Phone Status...




1. Press  until you see Phone Setup, and then press .
2. Press  to scroll to Phone Status, and then press .
3. Press  to scroll to one of the features described below.

Managing DPL Handset Settings

Review the DPL Handset/9522A Modem's Settings

Use this feature to review all of the DPL handset/9522A modem settings that have changed from their original default settings.

To review all settings:

1. Follow the steps in the "Getting to Phone Status..." to get to `Status Review`, and then press .
2. Press  to scroll through the list of all the menu items that have changed.
3. Press and hold  to exit the menu.



Note: The original DPL handset/9522A modem's settings can be reset if needed.

Reset DPL Handset/9522A Modem Options to Factory Default

Use the master reset feature to reset all settings to their original default settings. This feature:

- Resets audible call timers, the in-call timer, and the automatic lock
- Resets extended menus to default settings
- Restore keypad tones to normal, ringer tone to standard, and the volume level to the middle (fourth bar) of its range.

To reset all settings:

1. Follow the steps in the "Getting to Phone Status..." to get to `Master Reset`, and then press  to select. The message `Enter Security Code` will appear.
2. Enter six-digit security code and the `Reset Complete` message will appear.
3. Press and hold  to exit the menu.

Tip: The factory default security code is 000000.

Clear All Stored Information



The master clear feature resets the same items as master reset, plus the following:

- Clear phone book entries from the DPL handset/9522A modem memory (not from SIM memory)
- Clear last calls made and received lists
- Reset resettable call timers

Master clear does not clear:

- Fixed dial list
- My number(s) list
- Received messages list

To clear all settings:

1. Follow the steps in the "Getting to Phone Status..." to get to `Master Clear` , and then press  to select. The `Enter Security Code` message will appear.
2. Enter the six-digit security code. The message `Reset Complete` will appear.
3. Press and hold  to exit the menu.

Tip: The factory default security code is 000000.

Accessing the Network




This chapter shows how to register with the Iridium satellite network.

Network Selection Menu

Network Selection




- Register Now

Getting to Network Selection...

1. Press  until you see Network Selection, and then press .
2. Press  to scroll to one of the features described below. You will see the feature name, followed by Select?.

Registering With the Satellite Network

Use this feature to access the Iridium satellite service. The DPL handset/9522A modem searches for the Iridium satellite network.

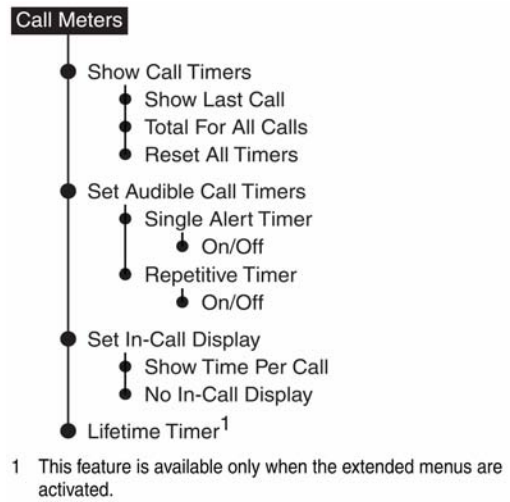
1. Follow the steps in the "Getting to Network Selection..." to Register Now.
2. Press  to select and the message Registering... will appear. This may take a few seconds. If the DPL handset finds the signal, the Registered message will appear along with the signal strength indication . The  (home system) indicator will also appear. If the DPL handset is unsuccessful, one of the following messages may appear: Check Signal, Busy Try Later, Please Try Later, or Restricted Area.

Note: User must wait three minutes between registration attempts.






Timing the Calls

The DPL handset/9522A modem's call meters give users a variety of options for tracking the time spent on the phone. The length of individual calls can be monitored, monthly usage can be tracked with a timer or an alert tone can be set at specific intervals.

Call Meters Menu



Getting to Show Call Timers...



1. Press  until you see Call Meters, and then press .
2. Press  to scroll to Show Call Timers, and then press .
3. Press  to scroll to one of the features described below.

Showing Call Timers

Air time of voice calls can be tracked with the call timers. Keep a running tap of the monthly usage or view the voice airtime of the most recent call.

Show the Time of the Last Call



Use this feature to display the elapsed time of the most recent voice call.

1. Follow the steps in the "Getting to Show Call Timers..." to `Show Last Call`, and then press  to select. The airtime of the most recent call in hours, minutes and seconds will appear. After several seconds, the display will return to `Show Last Call`.
2. Press and hold  to exit the menu.

Note: The last call timer shows elapsed time of the most recent call made since the DPL handset/9522A modem was turned on. This information is not saved when the DPL handset/9522A modem is shut off.

Show Total Time for All Calls

Use this feature to display total voice airtime since the last reset of the Call Timer.

1. Follow the steps in "Getting to Show Call Timers..." to `Total For All Calls`, and then press  to select. The airtime accumulated since the timer was last reset will be displayed. The airtime is displayed in hours, minutes and seconds. After several seconds, the display will return to `Total For All Calls`.
2. Press and hold  to exit the menu.






Reset All Timers

Reset the timers at the beginning of each billing cycle to keep track of the spending.

1. Follow the steps in "Getting to Show Call Timers..." to get to `Reset All Timers`, and then press `OK` to select. The `Completed` message will appear. The display then returns to `Reset All Timers`.
2. Press and hold `C` to exit the menu.

Note: This feature does not reset the Lifetime Timer.

Getting to Audible Call Timers...







1. Press  until you see Call Meters, and then press .
2. Press  to scroll to Set Audible Call Timers, and then press .
3. Press  to scroll to one of the features described below.

Setting Audible Call Timers

The DPL handset/9522A modem can watch the clock and alert the user. The call timer signal, at a pre-defined set time or interval, can beep which only the user can hear.




Set the Single Alert Timer

Use this feature to set the DPL handset to send an alert after an elapsed time.

1. Follow the steps in "Getting to Audible Call Timers..." to `Single Alert Timer`, and then press  to select.
2. Press  to scroll to `On` or `Off`, and then press  to select.
 - If `On` is selected, the `Enter Seconds` message will appear. Continue with step 3.
 - If `Off` is selected, the `Completed` message will appear. Continue with step 4.
3. Press  to accept current setting. The `Seconds XXX` message will appear.
or
Enter a number from 11 to 999, and then press . The message `Seconds XXX` will appear.
4. Press and hold  to exit the menu.




Set the Repetitive Timer

Use this feature to set the DPL handset to send alert at specific time intervals, for example every 45 seconds.

1. Follow the steps in "Getting to Audible Call Timers..." to `Repetitive Timer`, and then press  to select.
2. Press  to scroll to `On` or `Off`, and then press  to select.





- If **On** is selected, the **Enter Seconds** message will appear. Continue with step 3.
 - If **Off** is selected, the **Completed** message will appear. Continue with step 4.
3. Press **OK** to accept current setting. The **Seconds XXX** message will appear.
- or
- Enter a number from 11 to 999, and then press **OK**. The message **Seconds XXX** will appear.
4. Press and hold **C** to exit the menu.

Getting to Call Meters...

1. Press  until you see *Call Meters*, and then press .
2. Press  to scroll to one of the features described below.

Showing the In-Call Timers



Use this feature to display a running clock of the airtime elapsed while on a voice call.

1. Follow the steps in "Getting to Call Meters..." to get to *Set In-Call Display*, and then press  to select.
2. Press  to scroll to *Show Time Per Call* or *No In-Call Display*, and then press  to select.
3. Press and hold  to exit the menu.

Showing the Lifetime Timer

Use this feature to display the total time of all voice calls for the life of the DPL handset/9522A modem.

Note: This feature is available only when the extended menus are activated.

1. Follow the steps in "Getting to Show Call Timers..." to *Lifetime Timer*, and then press  to select. The total voice airtime of the DPL handset/9522A modem since they were manufactured will appear.
2. Press and hold  to exit the menu.

Tip: The lifetime timer cannot be reset. The Reset All Timers feature has no effect on this timer.

Customizing the Menu System

This chapter shows user how to hide the menu features that are not used regularly, and how to add favorite features to the Quick Access menu for instant recall.


Personalizing the Options Menu

The Option menu can be customized by moving features in and out of the extended menus. Features that placed on the extended menu are hidden when extended menus are turned off, and become visible when extended menus are activated.

Note: The default factory setting for the DPL handset/9522A modem is extended menu activated.

Move Menu Features

To move menu features:


1. Find the desired feature.
2. Press and hold . One of two responses will appear as shown below depending on where the menu feature is currently located.

Message



Remove From
Short Menu

(The feature is in
the short menu).

Description


Press  to move the feature to the extended menu. The Menu Item Moved message will appear

or



Press  to scroll to Leave in Short Menu and then press  to select. The Move Cancelled message will appear.

Add To
Short Menu

(The feature is in
the extended menu)

Press  to move the feature to the short menu. The Menu Item Moved message will appear







or

Press  to scroll to Leave in Long Menu and then press  to select. The Move Cancelled message will appear.

Note: Some features and submenus cannot be moved. The Cannot Move Menu Item message will appear.

Activate/Deactivate Extended Menus

Use the Options menu to activate and deactivate extended menus. All features are accessible to users when extended menus are activated and deactivate them for everyday use.

1. Press  until `Phone Setup` appears and then press  to select.
2. Press  to scroll to `Extended Menus` and then press  to select.
3. Press  to scroll to either `On` or `Off` and then press  to select.

All hidden features are accessible when extended menus are activated.

Access Hidden Features










A feature hidden in the extended menus can be accessed with extended menus inactive by using the shortcut:

Press and hold  for a few seconds.




All extended menus features remain accessible until the Options menu is exited.



Personalizing the Quick Access Menu

The default Quick Access menu features can be replaced with any of the following features.

Icon	Quick Access Feature
	Find by Location recalls a Phone Book entry by its memory location number.
	Add Entry to Phone stores entered numbers in the next available phone memory location.
	Add Entry to SIM stores entered numbers in the next available SIM card location.
	Ring Volume displays and sets the incoming call ring tone volume.
	Check Signal checks the strength of the signal from the satellite network.
	Switch Memory switches one-touch dialing between the 9522A modem and SIM memories depending on the current setting.
	Last Call Timer displays the duration of the last call.
	Show Services displays a list of service phone numbers programmed by an Iridium service provider.
	Mode Selection: This feature is currently not supported



To change a default quick access feature to one of the features listed above:

1. Press  and then press  to scroll to the desired feature.
2. Press and hold  to access the list of features available.

3. Press  to scroll through the list until the desired feature is found.
4. Press  to store the displayed feature in the new location. The `Completed` message will appear.

Troubleshooting


This chapter shows users what to do if one of the following problems occurs.

Problem	Solution
Can't turn the DPL Handset on.	<ul style="list-style-type: none">• Was the key  pressed and held for about a second to turn the DPL handset and 9522A modem on?• Check power input to the DPL handset and 9522A modem to make sure appropriate voltage (4.0VDC to 4.8VDC) and current (at least 3A) are provided. Note: 12.0VDC must be provided to the DPL handset separately.
Can't make a call.	<ul style="list-style-type: none">• Was the dialed number entered in international format? All calls made from the Iridium satellite system must be in international format.• Check the signal strength indicator. If the signal is weak, ensure the antenna has a clear line-of-sight to the sky and there are no buildings, tree, etc. around.• Try to register manually.• Is Restricted displayed? Check the Call Barring setting.• Has a new SIM card been inserted? Check that no new restrictions have been imposed.• Check to see if fixed dialing list is enabled. If so, calls can only be made to numbers or prefixes that are on the list.
Can't receive calls.	<ul style="list-style-type: none">• Check to see if the DPL handset and 9522A modem are on.• Check the signal strength indicator. If the signal is weak, ensure the antenna has a clear line-of-sight to the sky and there are no buildings, tree, etc. around.• Check the Call Forwarding and Call Barring settings.• Check the Ringer setting. If it is off, there is no audible ringer.
Can't make international calls.	<ul style="list-style-type: none">• Have relevant codes been included? Press and hold the  key to display the international dialing prefix (\dagger) and then enter the appropriate country code followed by the phone number.

Problem

Solution

DPL handset/9522A modem will not unlock.

- Is the SIM card inserted? Enter the new PIN code.
- Enter the default phone unlock code—either 1111 or 1234.
- If the unlock code is not available, press  to change the unlock code (the security code is needed).

PIN is blocked.

- Enter the PIN unblocking key (PUK1) or contact your Iridium service provider.

PIN2 is blocked.


- Enter the PIN2 unblocking key (PUK2) or contact your Iridium service provider.

The SIM card will not work.

- Is the SIM card inserted the correct way?
- Is the SIM card visibly damaged or scratched? Return the card to your Iridium service provider.
- Check the SIM and 9522A modem contracts. If they are dirty, clean them with an antistatic cloth.

Can't cancel Call Forwarding or Call Barring.

- Wait until the DPL handset/9522A modem is in an area with good network coverage and try again.


The  (message) indicator is flashing.

- There is not enough memory available to store another message. Use the Messages menu to delete one or more messages.

The DPL handset becoming warm during use.

- The DPL handset may be warm during long calls. The heat is produced by the electronic components within the DPL handset and is quite normal.

SIM card is inserted but the DPL handset display shown:








- `Check Card` or `Insert Card` . Check that the SIM card has been inserted correctly. The contacts of the SIM card may be dirty. Turn the DPL handset/9522A modem off, remove the SIM card and rub the contacts with clean cloth. Replace the SIM card in the 9522A modem.
- `Blocked` or  `Blocked` . Enter the PIN unblocking key (PUK1) or the PIN2 unblocking key (PUK2) respectively, or contact your Iridium service provider.
- `Bad Card See Supplier`. Contact your Iridium service provider.

Problem

Solution

DPL handset prompts in different language.



1. Press and hold the  key to return to the idle display
2. Press     to go directly to the language selection submenu
3. Press  until the preferred language appears
4. Press  to select

Index


Symbols

- * character 27
- + character 10, 61, 64
- ☒ character 44, 67

A

- Add To Short Menus message 91
- alert, incoming call 51
- alphanumeric keypad 5
- audible call timers
 - repetitive 87
 - resetting default settings 78
 - single alert 155
- automatic lock
 - resetting default 78
 - setting 71
- automatic redial 10


B

- Bad Card See Supplier message 9, 96
- barring calls
 - incoming 48
 - outgoing 48
- Blocked message 9, 74, 96
-  Blocked message 9, 75, 96


C

- call
 - answering 11-12
 - automatic redial 10
 - barring
 - incoming 48
 - outgoing 48
 - dialing special characters 11
 - ending 11, 12
 - incoming call alert 12
 - international call
 - dialing + character 11
 - last ten calls 37
 - muting 14
 - placing 10-11
 - receiving 11-12
 - redialing last number 11
 - unable to make call 95
 - unable to make international call 95

- unable to receive call 95
- Call Answer? 12
- call barring
 - barr password
 - changing 49
 - entering 48-49
 - canceling 49
 - incoming calls 48-49
 - outgoing calls 48
 - unable to cancel 96
- Call Failed message 12
- call forwarding
 - all calls 44
 - canceling 46
 - from Quick Access menu 19
 - unable to cancel 96
 - voice calls 45
 - when unavailable 43
- Call Meters menu
 - diagram 84
 - Lifetime Timer feature 89
 - Repetitive Timer feature 87-88
 - Reset All Timers feature 85-86
 - Set Audible Call Timers feature 87-88
 - Show Call Timers feature 85-86
 - Show In-Call Display feature 89
 - Show Last Call feature 85
 - Single Alert Timer feature 87
 - Total For All Calls feature 85
- call meters. See call timers
- Call Related Features menu
 - Call Barring feature 47-49
 - Bar Incoming Calls 48
 - Bar Outgoing Calls 48
 - Cancel All Barring 49
 - Change Bar Password 49
 - Call Forwarding feature 43-46
 - Cancel All Forwarding 46
 - Detailed Forwarding 45
 - Forward All Calls 44
 - Forward When Unavailable 43
 - Diagram 42
 - Pending Call Drop feature 51
 - Show Signal Strength feature 50
- call timers
 - all calls 85
 - elapsed airtime 85
 - in-call timer 89

- lifetime timer 89
- most recent call 85
- repetitive 87-88
- resetting all 78, 79, 85-86
- single alert 87
- total airtime 85
- Call? 10
- Calling Message 10
- Cannot Move Menu Item message 91
- Check Card message 9
- check mark indicator
 - defined 7
- Check Signal message 9
- Checking Signal... message 50
- clear key, defined 5
- clearing stored information 79
- code
 - phone unlock 71-72
 - security 33, 76, 78, 79, 92
 - SIM card PIN 22, 73-74
 - SIM card PIN2 34-35, 75-76
-  Completed message 16
- Connected message 10, 12

D


- default settings, resetting 78
- dialing
 -  11
 - * character 11
 - + character 11
 - ° character 11
 - last ten calls 39
 - number with pauses 27
 - Phone Book entry 31
 - phone number 13
 - PIN numbers 27, 66
 - special characters 11
 - supplementary service numbers 40
- display
 - icons 7, 18-19
 - illustration 5
 - indicators 7, 16-17
 - language, selecting 77
 - special characters 11
 - standby mode 11
 - status indicators 7
 - wrong language displayed 97

E

- earpiece

- adjusting the volume 13
- illustration 5
- Edit a Stored Message 64
- elapsed airtime timer 89
- End Call? 10
- Enter Name message 29
- Enter Phone message 9, 71-72
- Unlock Code
- Enter PIN message 9, 73
- Enter PIN2 message 34-35
- exiting menus and menu features 16
- extended menus
 - activating 76, 92
 - Call barring 48
 - deactivating 92, 76
 - default setting 78
 - Detailed Call Forwarding 45
 - Language Selection 77
 - Lifetime Timer 89
 - moving menu features 91-92
 - Select Keypad Tones 77

F

-  Failed message 16
- fixed dial list
 - defined 34
 - entry
 - adding 34-35
 - editing 35
 - erasing 35
 - one-touch dialing 39
 - viewing 36
- fixed dialing
 - activating 34
 - PIN2 code 34
 - viewing fixed dial list 36
- forwarding calls
 - all calls 44
 - canceling 46
 - from Quick Access menu 19
 - voice calls 45
 - when unavailable 43

H

- home system indicator
 - defined 7
 - displayed 7
- hourglass icon
 - defined 17
 - displayed 17

I

- icons
 - hourglass 17
 - Quick Access menu 7, 18-19, 93
- in use indicator 7
- In-Call feature
 - muting a call 14
- in-call timer
 - defined 89
 - resetting 85
- incoming call alert 12
- indicators
 - check mark 7
 - display 5, 7
 - home system 7, 82
 - hourglass icon 17
 - in use 7
 - message 55, 62, 67, 96
 - no service 7
 - Quick Access menu icons 18-19
 - scroll bar 7, 17
 - signal strength 7, 50, 82, 95
 - status 7, 78-79
- Insert Card message 9
- international call
 - dialing + character 10, 11
 - unable to make 95
- Invalid Account message 9

K

- key presses 4
- keypad
 - keypad tones, setting 77
 - locking 71
 - resetting default tones 78
 - unlocking 71
- keys
 - alphanumeric keypad 5, 24
 - clear 6
 - keypad tones, setting 77
 - locking the keypad 71
 - memory recall 27, 29-30, 33
 - memory store 22, 23-24, 39
 - menu 16
 - menu system, navigating 16-17
 - message 6, 54, 56-67
 - OK 5, 6
 - power 5, 6
 - quick access 5, 6, 18, 93

- scroll 6, 16
- unlocking the keypad 71, 72, 96
- volume control 5, 6, 13, 70

L

- language
 - selecting 77
 - wrong language displayed 97
- last call timer
 - displaying 85, 93
- last ten calls
 - clearing 37
 - placing a call 10-11
- LCD. *See* Liquid Crystal Display
- Leave in Long Menus message 91
- Leave in Short Menus message 91
- lifetime timer 89
- Liquid Crystal Display
 - status indicators 7
- locking the keypad 71
- locking the phone
 - automatically 71
 - from Quick Access menu 18
 - instantly 71
 - See also* unlocking the phone

M

- making a call 10-11
- master clear 79
- master reset 78
- memory
 - phone 22, 24, 27
 - SIM card 22, 24, 27
- memory recall key 5, 6
- memory store key 5, 6, 23-24
- menu
 - Add To Short Menus message 91
 - call meters 83-89
 - call related features 42-51
 - Cannot Move Menu Item message 91
 - customizing 68-79
 - defined 15
 - exiting 16
 - feature selection messages 16
 - indicators 16-17
 - Leave in Long Menus message 91
 - Leave in Short Menus message 91
 - Menu Item Moved message 91
 - Messages 52-67

- Move Cancelled message 91
- Network Selection 81-82
- Phone Book 20-40
- Phone Setup 64-79
- questions 22
- Remove From Short Menus message 91
- scrolling 17, 18
- using 14
- MenuItem Moved message 91
- menu key 6
- message editor 59-62
- Message Failed Resend? 61, 64
- message indicator
 - defined 7
 - displayed 7
 - flashing 7, 55, 62
- message key
 - defined 6
 - illustration 5
 - using 54
- Message Read Now? 55, 56
- Message Sent message 61, 64
- messages
 - contents 55
 - creating 59-60
 - deleting 58
 - editing 58, 60
 - feature selection indications 16
 - go to next message 57
 - message key 5, 6, 54
 - notification
 - incoming voicemail 56
 - received message(s) 56
 - phone 5
 - reading
 - from Quick Access menu 18
 - incoming 56
 - stored 57
 - received 56
 - sending 61-62
 - voicemail 54
- Messages menu
 - Call Voicemail feature 54
 - diagram 53
 - enter service center number 66-67
 - Message Editor feature 59-62
 - Message Settings feature 66-67
 - Outgoing Messages feature 59-65
 - Received Messages feature 55-58
 - Voicemail Number feature 66

- Move Cancelled message 91
- multiple-key answer 12
- Mute message 14
- muting a call 14, 18

N

- network
 - satellite, registering 82
- network features
 - call barring 47-49
 - call forwarding 43-46
- network Selection menu
 - diagram 81
 - Register Now feature 82
- No Number Available message 54
- No Service Centre message 61, 63
- no service indicator
 - defined 7
 - displayed 7

O


- OK key 5, 6
- one-touch dialing
 - frequently called numbers 22
 - switching memory, from Quick Access menu 93
 - using 39
- Options menu
 - customizing 91
 - defined 15
 - entering 16
 - exiting 16
 - using 16-17
- Overwrite? 24

P

- password, call barring 48-49
- pause dialing 11, 27
- pauses in numbers, entering 27
- pending call drop signal 51
- Personal Identification Number
 - code 73-74
 - See also PIN code
- personal mailbox 12, 55
- phone
 - becomes warm during use 96
 - features, customizing 68-79
 - illustration 5
 - locking

- automatically 71
 - from Quick Access menu 18
 - instantly 71
- messages at power-on 8
- security code, default 72
- service phone numbers 40, 93
- settings
 - clearing 79
 - resetting default 79
 - viewing 78
- turning on and off 6, 8, 9
- unable to make call 95
- unable to make international call 95
- unable to receive call 95
- unable to turn on 95
- unable to unlock 96
- unblocking the PIN code 74
- unblocking the PIN2 code 75-76
- unlock code
 - changing 72
 - default 71
 - entering 71
- unlocking 71
- Phone Book
 - adding an entry 23-26
 - capacity, checking 32
 - characters, entering 25-26
 - entries
 - clearing all 79
 - scrolling through 6, 29
 - entry
 - adding 23-26
 - calling 31
 - changing 28
 - correcting 25
 - erasing 31
 - locating 29-30
 - modifying 31
 - find entry by location 29-30
 - find entry by name 29
 - fixed dial list
 - adding an entry 34-35
 - editing an entry 35
 - erasing an entry 35-36
 - fixed dialing
 - activating 34
 - viewing fixed dial list 36
 - last ten calls 37
 - memory recall key 6
 - memory store key 23-24

- menu diagram 21
- name
 - entering 25-26
 - storing 23-26
- number
 - calling 31
 - entering 23-24
 - storing 23-26
- one-touch dialing 39
- organizing 22
- pauses in numbers
 - dialing 27
 - entering 27
- phone memory 22
- phone numbers
 - grouping 22
 - security issues 22
 - storing 23
- prefixes, using 28
- preventing access 33
- Restricted message 33
- SIM card memory 22
- storage capacities 22
- Phone Book menu
 - Add Entry feature 23-26
 - Call Number feature 31
 - Check Capacity feature 32
 - diagram 21
 - Erase Name and Number feature 31
 - Find Entry By Location feature 29-30
 - Find Entry By Name feature 29
 - Modify Name Or Number feature 31
 - My Phone Number(s) feature 79
 - One-Touch Dial Setting feature 39
 - Prevent Access feature 33
 - Setup Fixed Dialing feature
 - activating 34
 - Add Entry 34-35
 - Edit Entry 35
 - Erase Entry 35-36
 - Last Ten Calls 37
 - View Fixed Dial List 36
 - Show Services feature 40
- phone memory
 - checking capacity 32
 - entries, clearing all 79
 - one-touch dialing 39
 - storage capacities 22

- phone number
 - dialing 10
 - modifying on SIM card 38
 - programming on SIM card 38
 - using pauses in 27
 - using prefixes 28
 - viewing your own 79
- phone settings
 - clearing 78-79
 - resetting default 78
 - viewing 78
- Phone Setup menu
 - Adjust Ring Volume feature 93
 - Automatic Lock feature 71
 - Change SIM Card PIN feature 73
 - Change SIM Card PIN2 feature 34
 - Change Unlock Code feature 72
 - diagram 69
 - Extended Menus feature 76
 - Language Selection feature 77
 - Lock Now feature 71
 - Master Clear feature 79
 - Master Reset feature 78
 - New Security Code feature 76
 - Phone Lock feature 71
 - Phone Status feature 78-79
 - Require SIM card PIN feature 73
 - Select Keypad Tones feature 77
 - Set Ringer Tone feature 70
 - Status Review feature 78
- phone unlock code
 - changing 72
 - default 72
 - entering 71
- PIN code
 - activating 73
 - Blocked message 9, 74, 96
 - changing 73-74
 - deactivating 73
 - defined 73
 - Enter PIN message 73
 - entering 75
 - incorrect entry 75
 - unlocking 75
- PIN unblocking key (PUK1)
 - defined 74
 - entering 74
- PIN2 code
 -  Blocked message 9, 75, 96
 - changing 75
 - defined 75

- Enter PIN2 message 75
- entering 75
- incorrect entry 75
- unlocking 75
- PIN2 unblocking key (PUK2)
 - defined 75
 - entering 75-76
- placing a call 10-11
- Please Try Later message 10
- Postscripting 28
- power
 - power-on messages 9
 - turning phone on and off 8
 - unable to turn on phone 95
- power key
 - defined 6
 - illustration 5
 - using 8, 9
- prefixes 28
- prompts, defined 4
- PUK1. See PIN unblocking key
- PUK2. See PIN2 unblocking key

Q

- quick access key
 - defined 6
 - illustration 5
 - ringer volume, adjusting 13, 70
 - using 18
- Quick Access menu
 - customizing 93-94
 - default settings 18-19
 - defined 18
 - icons 18-19, 93
 - quick access key 18
 - replacing features 93-94
 - using 18-19
- Quit? 16


R

- Ranæ XXX-XX message 24
- receiving a call 12
- receiving messages 55-58
- redial
 - automatic 10
 - last number 11
- Redial Failed message 10
- Redial? 10
- Registered message 82
- registering

- from Quick Access menu 19
- satellite network 82
- Registering... message 9, 82

- Remove From Short Menus message 91
- repetitive timer
 - defined 87
 - resetting default setting 78
 - setting 87-88
- Restricted Area message 10
- Restricted message 33
- restricting calls 47-49
- restricting phone use 34-36
- restricting SIM card access 34
- ringer
 - adjusting volume 13, 70, 93
 - resetting default tone 78
 - setting tone 70
 - wakeup tone 8

S

- satellite mode
 - muting a call 14
- satellite mode indicator
 - defined 8
- satellite network, registering 9, 82
- scroll bar
 - defined 7
 - displayed 7
- scroll key(s) 6
- scrolling 7
- Searching... message 9
- security code
 - changing 76
 - default 72, 76, 78
 - defined 75
 - entering 72, 76, 78, 79
- security features 73-76
- Select? 16
- service phone numbers 40, 93
- short menus 91
- signal strength indicator
 - defined 7
 - illustration 7
 - satellite network registration 82
 - viewing 50, 93
- SIM card
 - Bad Card See Supplier message 9, 96
 - Blocked message 9, 74, 96
 -  Blocked message 9, 75, 96

- Check Card message 9, 96
- display messages 16-17
- fixed dial list 34-36
 - Insert Card message 9, 96
- phone number
 - entering 23
 - modifying 25
 - security issues 22
 - viewing your own 13
- PIN code
 - activating 73
 - changing 73-74
 - deactivating 73
 - defined 73
 - Enter PIN message 9, 73
 - entering 9, 73-74
 - incorrect entry 74
 - unblocking 74
- PIN2 code
 - changing 75
 - defined 75
 - Enter PIN2 message 34-35
 - entering 34-35
 - incorrect entry 75-76
 - unblocking 75-76
- protecting 73-74
- restricting access 33
- security features 73-76
- storing messages
 - outgoing 61-62
 - received 57
- troubleshooting 95, 96
- SIM card memory
 - checking capacity 32
 - one-touch dialing 39
 - storage capacities 22
- single alert timer
 - resetting default setting 78
 - setting 87
- special characters 11
- status indicator
 - display 7
 - illustration 7
- status indicators 7
- Stored to Outgoing message 61
- Stored XXX message 24
- submenus, defined 15
- supplementary service numbers 11

T

- timers

- all calls 85
- elapsed airtime 89
- in-call timer 89
- lifetime timer 89
- most recent call 85
- repetitive 87-88
- resetting all 85-86
- single alert 87
- total airtime 89
- total airtime timer 89
- troubleshooting 95-97

U

- Unanswered Call message 12
- unanswered calls 12
- unblocking
 - SIM card PIN code 74
 - SIM card PIN2 code 75-76
- unlock code
 - changing 72
 - default 71
 - entering 71
- unlocking the phone 71
 - See also* locking the phone

V

- View Options? 16
- voicemail
 - call forwarding when
 - unavailable 43
 - checking 18, 54
 - detailed call forwarding 45
 - forward all calls 44
 - No Number Available message 54
 - notification message 52, 56
 - storing voicemail number 66
- volume
 - control keys 6
 - control keys illustration 5
 - earpiece, adjusting 13
 - resetting default 78
 - ringer, adjusting 70, 93
- volume level display 13

W

- wakeup screen 8