
Assisted Global Positioning System

Your phone's AGPS feature uses information from satellites orbiting the Earth to calculate the exact geographical location, or position, of your phone.

When you make an emergency call, your phone's position is automatically transmitted to emergency workers to help them locate you.

You can use the AGPS feature to view your phone's position at any time. Java applications loaded on your phone can also read your phone's position.




You can set your AGPS privacy options to control which, if any, Java applications are permitted to read your phone's position. You can even remove the GPS option from your main menu, so that your phone's position is only calculated for use by emergency workers when you make an emergency call.

This section includes:

Accessing the AGPS Feature	Page 103
Viewing Your Position	Page 104
Setting Privacy Options	Page 105
Setting Data Flow	Page 106
Removing GPS from the Main Menu	Page 107




Accessing the AGPS Feature

To the AGPS feature:

- | | |
|---|---|
| 1 | From the Ready screen, press  . |
| 2 | Press  to scroll to GPS . |
| 3 | Press  under SELECT . |

Viewing Your Position

To view your AGPS position:

- 1 From the **GPS** screen, press  to scroll to **Position**.
- 2 Press  under SELECT.
- 3 To view the entire displayed screen, press  to scroll.

This displays the following information about the last time your phone's position was calculated:

- the time (as Greenwich Mean Time) and date that the position was last calculated.
- the position, expressed as latitude and longitude.
- the number of satellites used to calculate the position.
- the estimated accuracy of the calculated position (for example, the calculated position may be accurate within 50 feet of your phone's actual position).

To calculate your phone's position again:

Press  under RFRSH.

The **Position** screen displays the updated information.

To cancel a position calculated before it is completed::

Press .

Each time your phone's position is calculated, the latest position information is stored in your phone and remains there even when your phone is powered off. You will see this information the next time you view the **Position** screen.





If you received a phone call, Private call, or any kind of alert while attempting to calculate your phone's position, the **Position** screen will disappear, but your phone will continue to calculate its position. The next time you view the **Position** screen, the new position information will be displayed.

Setting Privacy Options

Your AGPS privacy options control whether Java applications on your phone may read your phone's GPS position. You may set your phone to one of three AGPS privacy option:

- **Restricted** — No Java applications may read your phone's position.
- **Unrestricted** — All Java applications may read your phone's position, without notifying you.
- **By Permission** — When a Java application attempts to read your phone's position, you will be prompted to give permission.

To set your AGPS privacy options:






1	From the GPS screen, press  to scroll to Privacy .
2	Press  under SELECT .
3	If your GPS PIN security feature is enabled, enter your GPS PIN. (See "Setting the GPS PIN Security Feature" on page 105 for more information.)
4	Press  to scroll to the privacy setting you want.
5	Press  under SELECT .






Setting the GPS PIN Security Feature

To prevent your GPS privacy settings from being altered without your knowledge, your GPS privacy option can be protected by a PIN.













When you receive your phone, the GPS security feature is turned off, so you do not have to enter a GPS PIN to access your GPS privacy options. If you turn this feature on, you will be required to enter a GPS PIN to access your GPS privacy options.

To turn the GPS security feature on or off:

1	At the Ready screen, press  and then press  to scroll to Settings .
2	Press  under SELECT .
3	Press  to scroll to Security and press  under SELECT .

- | | |
|---|--|
| 4 | Press  to scroll to GPS PIN and press  under SELECT . |
| 5 | Press  to scroll to On or Off . On enables the GPS PIN requirement; Off disables the SIM PIN requirement. Press  under SELECT . |
| 6 | At the Verify SIM PIN Code screen, enter the current GPS PIN and press  under OK . |
| NOTE: When you receive your phone, your GPS PIN is 0000. | |






To change your GPS PIN:

- | | |
|---|---|
| 1 | At the Ready screen, press  and then press  to scroll to Settings . |
| 2 | Press  under SELECT . |
| 3 | Press  to scroll to Security and press  under SELECT . |
| 4 | Press  to scroll to New Passwords and press  under SELECT . |
| 5 | At the New Passwords screen, press  to scroll to GPS PIN and press  under SELECT . |
| 6 | At the Enter Old GPS PIN Code screen, enter the current GPS PIN and press  under OK . |
| NOTE: When you receive your phone, your GPS PIN is 0000. | |
| 7 | At the Enter New GPS PIN Code screen, enter the new 4- to 8-digit GPS PIN and press  under OK . |
| 8 | At the Re-enter New GPS PIN Code screen, re-enter the new GPS PIN to confirm, and press  under OK . |

Setting Data Flow

You can control NMEA data flow through the accessory connector at the bottom of your phone. Each time you power your phone on, NMEA data flow is automatically set to Off.

To set NMEA **On**, or set it back to **Off** without powering off the phone:

1	From the GPS screen, press  to scroll to Interface .
2	Press  under SELECT.
3	Press  under CHANGE.
4	Press  to scroll to On or Off .
5	Press  under SELECT.

Removing GPS from the Main Menu

If you remove the GPS option from your main menu, you will not be able to view your phone's position and no Java application will be able to read your phone's position. Your phone's position will only be available to emergency workers, only when you make an emergency call.

If information on how to remove the GPS option from your main menu, go to www.motorola.com/idenupdate.

Datebook

The Datebook is a calendar in your *i58sr* phone that enables you to schedule and organize events, such as appointments and meetings. Schedules can be created and viewed for specific days, and reminder alarms can be set so that you never miss important events.

You can view upcoming events by week or by day. The Datebook stores and manages 250 events over a 13-month period (12 months ahead and 1 month back).

NOTE: The time and date format and the year used in Datebook can be set by you. Before using Datebook for the first time, ensure that the current year is correct. See “Initial Setup” on page 142 for more information.

This section includes:

Datebook Icons	Page 110
Viewing Your Datebook	Page 110
About Datebook Events	Page 112
Adding New Events	Page 113
Editing Events	Page 117
Deleting Events	Page 117
Datebook Event Reminders	Page 118
Customizing Datebook Set Up	Page 118




Datebook Icons

There are several icons commonly used in the Datebook application:

Symbol	Description
•	Event without a start/end time
>	More options are available
↻	Recurring Appointment
🔔	Datebook Alarm
✓	Used to move through fields when setting a time and date.

Viewing Your Datebook


To access your Datebook:

1	From the Ready screen, press  .
2	Press  to scroll to Datebook .
3	Press  under SELECT.


Information in your Datebook can be viewed in three ways: by the week, by the day, or by the event.

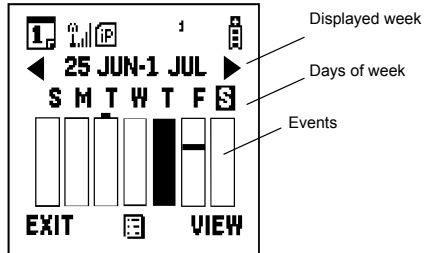
This information is structured hierarchically. When you access the Datebook, it displays the current week. You can select a day to view and display the events of that day. When the events of a day are displayed, you can select an event to view and display details of that event.

Viewing a Week

When you access your Datebook, the current week is displayed. You can scroll to other weeks by pressing .

The dates of the displayed week appear at the top of the text area of your phone's screen.

Below the dates are letters indicating the days of the week. When you access your Datebook, the current day is highlighted. You can scroll to other days by pressing .





Below each letter is a 12-hour time window for each day. Scheduled events are shown within the time window in black.

A small bar between the letter and the time window indicates an event on that day that does not have a time of day associated with it, such as a birthday.

Viewing a Day



To view a day in your Datebook:

- 1 With a week displayed, select the day you want to view by pressing  until the letter for that day is highlighted.
- 2 Press  under VIEW.

The day and date appear at the top of the text display area. Events for the day selected are listed by time. Events without times are displayed at the top of the list with a bullet to the left of them.

Viewing Event Details



To view the details of an event:

1	Select and view the day containing the event you want to view.
2	Press  to scroll to the event.
3	Press  under VIEW.

This displays event details such as day of week, time, title, duration, alarm time, and repeat cycle. For more information about events, see “About Datebook Events” on page 112.

Viewing Today

You can easily go to the current day when viewing your Datebook:



1	While viewing any week, day, or event, press  . This displays the Datebook Menu with Go to Today highlighted.
2	Press  under SELECT.


About Datebook Events

Each Datebook event may contain the following information:

- The title you assign to the event. You can enter a title using the phone’s alphanumeric keypad or choose from a list of commonly used titles. A title is required for every event (maximum of 128 characters).
- Additional text following the event’s title.
- The start time and duration of the event.
- The date of the event.
- An option to repeat the event in your Datebook.
- An alarm to notify you of the event before it begins.
- The style you want your phone to use when the event occurs. See “Customizing the i58sr Phone” on page 133 for more information.


Adding New Events


Using the following instructions, you will enter the information in the order the items appear on the **Event Form** screen. However, you can enter this information in any order by pressing  to scroll through the items on the **Event Form** screen. You can leave any item blank or unchanged by pressing  to scroll past it on the **Event Form** screen. Only a title and a date are required for a valid event.


To cancel a Datebook event entry at any time, press  to return to the **Ready** screen.

To add a Datebook event:


- 1 Access the **Event Form** screen:

While viewing a week in the Datebook, press  to access the **Datebook Menu**.

Press  to scroll to **New**.


Press  under **SELECT**.

The **Event Form** screen displays with the **Title** field highlighted.






The screenshot shows the 'Event Form' screen with the following fields and options:

- Title:** [Highlighted field]
- Start:** [Field]
- Duration:** 1 hour
- StartDate:** 10/4
- CANCEL** and **CHANGE** buttons at the bottom.

- 2 With the **Title** field highlighted, press  under **CHANGE** to access the **Title** screen.


- 3 Assign a title to the event:

Press  under **BROWSE** to choose from a list of commonly used event titles. Press  to scroll to the title you want and press  under **SELECT**.

Or,

Type the title using the alphanumeric keypad. See “Using T9 Text Input” on page 31 for information about entering text into this field.

You can also enter a description of the appointment or any other text.




When you are finished, press  under **OK**.


The **Event Form** screen returns with the **Start** field highlighted.

- 4 If you want to assign a time of day to the event:

With the **Start** field highlighted, press  under CHANGE.


From the **Start** screen, enter the time the event will begin.


Type in the start time, or press  to scroll through the hours, minutes, and am, pm, or 24 hour clock. Press  or press  under \rightarrow to move through the fields.

Press  under DONE.

The **Event Form** screen returns with the **Duration** field highlighted.

- 5 After you have assigned a start time to the event, you can specify the duration of the event. The default duration is one hour. To assign a different duration:


With the **Duration** field highlighted, press  under CHANGE.

From the **Duration** screen, press  to scroll to the desired duration. If you select **None**, the event will have a duration of zero minutes.




Press  under SELECT.

The **Event Form** screen returns with the **StartDate** field highlighted.

- 6 The default date assigned to an event is the day that was highlighted when you accessed the **Event Form** screen to add the event. To assign a different date:

With the **StartDate** field highlighted, press  under CHANGE.


From the **StartDate** screen, enter the date of the event:

Type in the date, or press  to scroll through the months, days, and years. Press  or press  under \rightarrow to move through the fields.


Press  under DONE.

The **Event Form** screen returns with the **Repeat** field highlighted.

- 7 If you want the event to recur in your Datebook, assign a repeat cycle to it:



With the **Repeat** field highlighted, press  under CHANGE.

NOTE: When Repeat is set to none or yearly, it will not be possible to access the Repeat End field.

From the **Repeat** screen, press  to scroll to the desired repeat cycle.

Press  under SELECT.


The **Event Form** screen returns with the **RepeatEnd** field highlighted.

Press  under CHANGE and enter the date on which you want the event to stop repeating. When you have finished, press  under DONE.

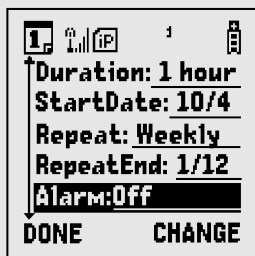
The **Event Form** screen returns with the **Alarm** field highlighted.

- 8 If you want to set an alarm to remind you that the event is approaching:

With the **Alarm** field highlighted, press  under CHANGE.

From the **Alarm** screen, press  to scroll to the desired alarm option.


Press  under SELECT.



- 9 If you want your phone to change to a style you have defined when the event occurs (see “Customizing the i58sr Phone” on page 133):


With **MORE** highlighted, press  under SELECT. The **Style** field appears.

Press  under CHANGE.

From the **Style** screen, you see a list of styles you have created. Press  to scroll to the desired style.





Press  under SELECT.










- 10 When you have entered all the desired information about the event, press  under DONE.



Editing Events

- 1 If you are viewing the week containing the event:
Press  under EDIT.
Or,
If you are viewing the day containing the event:
Press  to display the **Datebook Menu**.
Press  to scroll to **Edit** and press then  under SELECT.
- 2 Follow the applicable instructions in “Adding New Events” on page 113, to edit the various fields.

Deleting Events


- 1 View the day containing the event and press  to scroll to the event you want to delete.
Or,
View the details of the event you want to delete.
- 2 Press . The **Datebook Menu** displays.
- 3 Press  to scroll to **Delete** and press  under SELECT.
- 4 If the event is a recurring event, the **Delete Event** screen appears:
 - To delete only the occurrence of the event you select in step 1, leave **This Event Only** highlighted.
 - To delete all occurrences of the event, press  to highlight **Repeat Events**.
 Press  under SELECT.
- 5 If the event is a recurring event, a confirmation screen appears. Press  under YES to confirm.

Datebook Event Reminders


If you have set an alarm to remind you that a Datebook event is approaching, your phone sounds an audible alarm and displays a reminder.

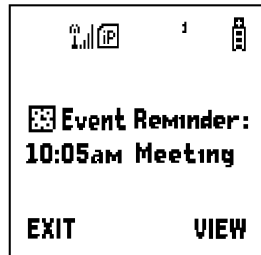
NOTE: You must have the Time and Date display turned on to receive event reminders. This is the default setting.

When a Datebook event reminder appears on the screen:

Press  under VIEW to view more information about the Datebook event.

Or,

Press  under EXIT to dismiss the event reminder.





Customizing Datebook Set Up


Datebook allows you to customize some of its set up features:


- **DailyBegin** — sets the beginning time of the 12-hour day your Datebook displays when you are viewing a week.
- **Reminder** — controls the behavior of alarms you have set in Datebook:
 - **Active Only** sets Datebook to ignore alarms that occur when your phone is powered off.
 - **Delayed If Off** sets Datebook to delay alarms that occur when your phone is powered off until your phone is next powered on.
- **Weekday** — sets the first day of the week your Datebook displays when you are viewing a week.
- **DeleteAfter** — controls how long your Datebook waits to delete an event after it has occurred.

To customize your Datebook set up:

1 While viewing a week in the Datebook, press  to access the **Datebook Menu**.

2 Press  to scroll to **Setup** and then press  under SELECT

3 Press  to scroll to any of the set-up features.

Press  under CHANGE.

Use the screens that appear to make your changes.





Memo

The Memo application provides you with a place to store a numeric note in your *i58sr* phone.




This section includes:

Adding a New Memo	Page 121
Viewing a Memo	Page 121
Editing a Memo	Page 122
Deleting a Memo	Page 122







Adding a New Memo

1	From the Ready screen, press  .
2	Press  to scroll to Memo .
3	Press  under SELECT. The Memo screen displays.
4	Type your numeric memo using the phone's keypad.
5	Press  under STORE.






Viewing a Memo

1	From the Ready screen, press  .
2	Press  to scroll to Memo .
3	Press  under SELECT.

Editing a Memo

1	From the Ready screen, press  .
2	Press  to scroll to Memo .
3	Press  under SELECT.
4	Type the new number. You can delete a digit by pressing  under DELETE. To all the digits, press and hold  under DELETE.
5	Press  under STORE.

Deleting a Memo

1	From the Ready screen, press  .
2	Press  to scroll to Memo .
3	Press  under SELECT.
4	Press and hold  under DELETE.
5	Press  under STORE.

Voice Record*

The Voice Record feature of your *i58sr* phone enables you to record and play back personal messages or the incoming portion of phone calls on your *i58sr* phone.

**Optional feature. Please consult your service provider for availability of purchase.*

This section includes:

About Voice Record	Page 123
Accessing Voice Record	Page 123
Recording a Voice Record	Page 124
Playing a Voice Record	Page 124
Adding to a Voice Record	Page 125
Labeling a Voice Record	Page 125
Deleting a Voice Record	Page 126
Locking/Unlocking a Voice Record	Page 126
Voice Record Memory	Page 127


About Voice Record


Your phone can store up to 20 Voice Records, with a total time of about three minutes, depending on available memory.

Accessing Voice Record

To access the Voice Record feature:

- 1 From the **Ready** screen, press .


2 Press  to scroll to **VoiceRecord**.


3 Press  under SELECT.


Recording a Voice Record

NOTE: Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations.


To record a personal message as a Voice Record:


1 From the **VoiceRecord** screen, press  to scroll to **[New VoiceRec]**.


2 Press  under RECORD and speak the message you want to record into the microphone.


3 When you are finished recording your Voice Record, press  under STOP.

To record the incoming portion of a call as a Voice Record:


1 While on an active call, press .

2 Press  to scroll to **VoiceRecord**.


3 Press  under SELECT to record the incoming portion of the call. Your own voice will not be recorded.

4 When you are finished recording your Voice Record, press  under STOP.

Playing a Voice Record






1 From the **VoiceRecord** screen, press  to scroll to the Voice Record you want to play.

2 Press  under PLAY.

3 To stop the Voice Record while it is playing, press  under BACK.

Adding to a Voice Record






After you create a Voice Record, you can record more at the end of the existing Voice Record:

1	From the VoiceRecord screen, press  to scroll to the Voice Record you want to add to.
2	Press  to view the VoiceRecd Menu .
3	Press  to scroll to Add To .
4	Press  under SELECT and speak the message you want to record into the microphone.
5	When you are finished recording, press  under STOP.

Labeling a Voice Record






When you create a Voice Record, it is labeled with the time and date it was recorded. After a Voice Record has been recorded, you can re-name it with a custom label.

To label a Voice Record:





1	From the VoiceRecord screen, press  to scroll to Voice Record you want to name.
2	Press  to view the VoiceRecd Menu .
3	Press  to scroll to Label and press  under SELECT.
4	At the Enter Label screen, enter a label for the Voice Record using the alphanumeric keypad.
5	Press  under OK.

Deleting a Voice Record


To delete a Voice Record:

- | | |
|---|--|
| 1 | From the VoiceRecord screen, press  to scroll to Voice Record you want to delete. |
| 2 | Press  to view the VoiceRecd Menu . |
| 3 | Press  to scroll to Delete and press  under SELECT. |
| 4 | A confirmation screen appears. Press  under YES to confirm. |





To delete all unlocked Voice Record:

- | | |
|---|--|
| 1 | From the VoiceRecord screen, press  to view the VoiceRecd Menu . |
| 2 | Press  to scroll to Delete All and press  under SELECT. |
| 3 | A confirmation screen appears. Press  under YES to confirm. |

Locking/Unlocking a Voice Record




Locking a Voice Record prevents it from being deleted. When a Voice Record is locked, the locked icon  appears next to it.


To lock or unlock a Voice Record:


- | | |
|---|---|
| 1 | From the VoiceRecord screen, press  to scroll to Voice Record you want to lock or unlock. |
| 2 | Press  to view the VoiceRecd Menu . |
| 3 | Press  to scroll to Lock or Unlock . |
| 4 | Press  under SELECT. A confirmation screen displays. |

Voice Record Memory

Typically, you can store 20 Voice Record with a total time of about three minutes. To check the amount of memory available for Voice Record:

- | | |
|---|---|
| 1 | From the VoiceRecord screen, press  to view the VoiceRecd Menu . |
| 2 | Press  to scroll to Memory . |
| 3 | Press  under SELECT to display the Memory Meter screen.

The memory meter shows the amount of Voice Record memory space currently in use. It fills in from left to right as your Voice Record memory space fills up. |
| 4 | From the Memory Meter screen, you can free more Voice Record memory space by pressing  under DELETE to delete all unlocked Voice Record.

A confirmation screen displays. Press  under YES to confirm. |

NOTE: Because Voice Record is stored in your phone using the same memory space used to store Java applications, using a large amount of memory to store Java applications reduces the space available for Voice Record. When this occurs, deleting Java applications from your phone's memory frees memory space for Voice Records. For more information about Java applications stored in your phone, see "Java" on page 129.

Java

The Java feature of your *i58sr* phone runs programs, or applications, written in the Java 2 Micro Edition programming language.

The phone comes with Java applications downloaded and ready for installation. You can choose to order or purchase Java applications and download them into your phone via the Internet. For more information, see “Downloading Java Applications” on page 131.

This section includes:




Accessing Java Menu	Page 129
Installing Java Applications	Page 130
Running Java Applications	Page 130
Downloading Java Applications	Page 131
Java Memory	Page 131
Deinstalling Java Applications	Page 132

IMPORTANT:

To avoid personal injury, do not play games on your *i58sr* phone when operating machines or driving vehicles.

Accessing Java Menu


To access the Java menu:

- | | |
|----------|---|
| 1 | From the Ready screen, press  . |
| 2 | Press  to scroll to Java Apps . |
| 3 | Press  under SELECT. |


The **Java** menu displays all of your Java applications.


Installing Java Applications

To install a Java application:

- 1 From the **Java Apps** screen, press  to scroll to the desired application.
- 2 To determine whether the application needs to be installed, look at the display options on the screen.



If the display option is RUN or SELECT, the application is already installed and ready to run. See “Running Java Applications” on page 130.

If the display option is INSTALL, press  under INSTALL to install the application.
- 3 The screen will display a series of installation steps. A checkmark will appear as each step is completed. This may take several minutes.

When your phone has finished installing the application, press  under DONE.

Running Java Applications

To run an application:

- 1 From the **Java Apps** screen, press  to scroll to the application you want to run.
- 2 Press  under RUN or SELECT.

NOTE: If you receive an incoming phone call, the Java application will be suspended.

To suspend a running application:

Press .

To resume a suspended application:

Press  under RESUME.

To stop running an application:

Press  and then press  under EXIT.

Downloading Java Applications

You can customize your phone by ordering additional Java applications via the iDEN Update Website. Please go to www.motorola.com/idenupdate for a selection of applications available and downloading instructions. You can download these applications by connecting your phone to a PC using a data cable and the iDEN Update Software Application.

NOTE: This is network subscription dependent feature. Please check with your Service Provider for availability.

Java Memory



In order to download, store and run the application of your choice, you must have enough Data and Program memory available in your phone.


- **Data** memory refers to the memory needed to download an application to your phone.
- **Program** memory refers to the memory needed to install and run an application on your phone.

To check how much memory your phone has available for Java applications:

1 From the **Ready** screen, press .

2 Press  to scroll to **Java Apps**. Press  under SELECT.

3 From the **Java Apps** screen, press  to scroll to **Java System**. Press  under SELECT.








4 Press  under NEXT to go to the **Java System** screen. The Data Space and Prog. Space information will be available.

You may free more Data Memory and Program Memory space by deinstalling an application that you do not wish to use. Deinstalled applications that were obtained from iDEN Update may be redownloaded at a later time at no cost. For information on deinstalling, see “Deinstalling Java Applications” on page 132.

NOTE: Java applications are stored in your phone using the same memory space used to store Voice Records. Using a large amount of data memory to store Voice Records reduces the data memory available for downloading of Java applications. When this occurs, deleting Voice Records from your phone’s data memory space will free memory space for Java applications.

Deinstalling Java Applications

To remove a Java application from your phone:

1	From the Java Apps screen, press  to scroll to the application you want to remove.
2	Press  .
3	Press  to scroll to DEINSTALL .
4	Press  under SELECT . A confirmation screen displays.
5	Press  under YES . A warning screen displays. Press  under OK .
6	When your phone has finished deinstalling the application, press  under DONE .

Customizing the *i58sr* Phone

You can customize your *i58sr* phone to fit the way you want to use it.




This section includes:

Settings	Page 133
Styles	Page 150
Shortcuts	Page 155

Settings

Using Settings, you can set or change a wide variety of your phone's features.

To access Settings:






1	From the Ready screen, press  .
2	Press  to scroll to Settings .
3	Press  under SELECT.




From the **Settings** screen, you can access these Settings options:

- **Ring/Vibe** — controls how your phone rings or vibrates when you receive calls and messages.
- **Phone Setup** — sets call-answering features, turns off non-telephone features, chooses which phone line is used, and sets your network ID.
- **In Call Setup** — sets call timer, message notification, and call waiting features.
- **Security** — sets security features including phone lock, keypad lock, and SIM PIN.
- **Personalize** — controls which features are most accessible when you turn on your phone.
- **Initial Setup** — sets a variety of display features including the language displayed, the size of the characters on the text screen, time and date formats, current year, backlight, status light, and scrolling. Also turns auto redial on or off and sets baud rate.

- **VoiceVolume** — sets the volume of your phone's earpiece and speaker.
- **Tkgrp** — sets certain Talkgroup options.
- **Service Status** — shows the status of your phone's services.

To access any of these options:

1	From the Settings screen, press  to scroll to the option you want to access.
2	Press  under SELECT.
3	With the Type field highlight, press  under CHANGE.
4	Press  to scroll to the notification type you want to assign to the feature.
5	To assign the notification type, press  under SELECT.

Many of these options have other options within them. Press  to scroll through the lists of options, and press  to select and modify options and the features, according to the instructions on your phone's screen. For some options, you can also press  to select sub-options.

In screens that show lists of options for a setting, a check mark to the left of the option indicates the current option for the setting.

Ring/Vibe

Ring/Vibe enables you to control how your phone rings and vibrates when you receive calls and messages. You can set ring volume, choose ring styles, and use the VibraCall[®] Alert feature which enables you to set your phone to alert you to calls and messages by vibrating.

Main Options

Ring/Vibe provides these main options:

- **Ringer Vol** — sets ring volume.
- **Keypad Vol** — sets volume of sounds associated with keypad actions.
- **Mail Vol** — sets volume of Text Message, Voice Mail, and Net Alert notifications.

- **Headset** — choosing the **HdsetOnly** option prevents sound from being emitted from the phone's speaker when the headset is being used.
- **VibeAll** — choosing **On** sets the phone to vibrate for all calls, messages, and alerts; choosing **Off** enables you set the type of notification for each these features.





Ring Style and Notification Type

When you set **VibeAll** to **On**, your phone vibrates to notify you of all types of calls, messages, and alerts.





When you set **VibeAll** to **Off**, the following features display after **VibeAll** on the **Ring/Vibrate** screen, enabling you to set notification options for each:

- **Line 1** — sets the ring style and type of notification for calls on Line 1.
- **Line 2** — sets the ring style and type of notification for calls on Line 2.
- **Pvt/Grp** — sets type of notification for Private and Group calls.
- **Call Alert** — sets the ring style and type of notification for call alerts.
- **Text Msgs** — sets type of notification for Text Messages.
- **Reminder** — sets type of notification for Datebook reminder alarms.
- **Voicemail** — sets type of notification for Voice Mail messages.
- **Netmail** — sets type of notification for Net Alert messages.

To set **VibeAll** to **Off** or **On**:

1	From the Ring/Vibrate screen, press  to scroll to the VibeAll :
2	Press  under CHANGE.
3	Press  to scroll to Off or On .
4	Press  under SELECT.

The following icons appear on the second row of your display screen to indicate the options you have chosen:






Icon	Indicates...
	Vibrate All — phone is set to vibrate when you receive all types of calls, messages, and alerts; the VibeAll option is On .
	Vibrate On — phone is set to vibrate when you receive phone calls.
	Vibrate Then Ring — phone is set to vibrate and then ring when you receive phone calls.
	Silent — phone is set not to ring.

Notification Types

When you set a notification type, you have these options:

- **Ring** — the phone rings to notify you.
- **Vibe** — the phone vibrates to notify you.
- **Vibe/Ring** — the phone vibrates and then rings to notify you. This option is only available for calls on Line 1 and Line 2.
- **Silent** — the phone does not ring to notify you.






To set a notification type:

1	From the Ring/Vibrate screen, ensure that VibeAll is set to Off . Then press  to scroll to any of the features on the Ring/Vibrate screen after VibeAll .
2	Press  under SELECT.
3	With the Type field highlight, press  under CHANGE.
4	Press  to scroll to the notification type you want to assign to the feature.
5	To assign the notification type, press  under SELECT.

Ring Styles

When you set a ring style, you can choose from any of nine pre-set ring styles.

To set a ring style:

- | | |
|---|---|
| 1 | From the Ring/Vibrate screen, ensure that VibeAll is set to Off . Then press  to scroll to any of the features that allow you to set a ring style: Line1 , Line2 , or Call Alert . |
| 2 | Press  under SELECT. |
| 3 | With the Style field highlight, press  under CHANGE. |
| 4 | Press  to scroll to the ring style you want to assign to the feature. |
| 5 | To assign the ring style, press  under SELECT. |

USER TIP: To hear the ring style you have selected, press the volume button on the side of your phone.

Phone Setup

Phone Setup sets some basic phone features. Access Phone Setup to set the following options:

- **Line** — enables you to choose Line 1 or Line 2 as the active line for outgoing calls.
- **AutoAns** — sets your phone to automatically answer an incoming call after a specified number of rings. When this feature is turned on, the phone answers by connecting you to the caller; it does not send the call to Voice Mail, unless you are out of coverage or on the line.
- **Any Key** — when turned on, enables you to answer calls by pressing any key on the alphanumeric keypad.
- **Phone Only** — when turned on, prevents your phone from making or receiving Private calls or Group calls.
- **Network ID** — enables you to set the phone's network IDs and their roaming options.

In Call Setup

In Call Setup sets the in-call timer, message notification, and call-waiting features.

- The **In Call Timer** option turns the following features on and off:
 - **Display** — the duration of the current call displays on the phone's screen.
 - **Minute Beep** — an audible beep occurs every minute of an active call.
- The **Notifications** option controls message notification during calls:
 - **Receive All** — notifies you of all types of messages during calls.
 - **Msg Mail Only** — notifies you of mail messages only; all other types of message notifications are delayed until the call has ended.
 - **Delay All** — delays notification of all messages until the call has ended.
- **Call Waiting** — enables you to turn off call waiting for the next call. After you hang up, call waiting is turned back on.

Security

Security allows you to set security features:

- **Phone Lock** — sets an optional code that locks your phone.
- **Keypad Lock** — displays instructions for locking and unlocking your phone's keypad.
- **SIM PIN** — enables and disables your phone's SIM PIN requirement.
- **New Passwords** — enables you to change your phone's security code, phone unlock code, and SIM PIN.
- **Master Reset** — allows your service provider to reset your service in the event of a security or provisioning problem.

Using Phone Lock

The Phone Lock feature enables you to prevent your phone from being used unless an Unlock code is typed into the keypad.

The Unlock code is required to enable the phone lock feature, to unlock the phone, and to set a new Unlock code. Contact your service provider for your default Unlock code.

Phone lock provides two options for locking the phone:

- **Lock Now** locks the phone immediately after you set the option.
- **Auto Lock** locks the phone the next time the phone is powered on.

Setting Keypad Lock

The *i58sr* phone includes a keypad lock feature that enables you to lock your phone's keypad to avoid inadvertently pressing or replacing calls. See “Keypad Lock” on page 25 for more information on locking the keypad.

Enabling and Disabling SIM PIN

The SIM PIN option enables and disables the feature that requires a SIM PIN code to be typed into the phone to access the information on the SIM card and to make or receive calls. See “SIM Card Personal Identification Number (PIN)” on page 18 for more information.

Setting New Passwords

The New Passwords option enables you to set three types of passwords that control access to your phone:

- **Unlock Code** — this code is used to control access to the phone using Phone Lock. It is also required to access the Master Clear and Feature Reset features. If you want to use any of these features, contact your service provider for your default Unlock code.
- **Security Code** — this code is used to access the Master Reset feature under the direction of your service provider. It can also be used to override your Unlock code under the direction of your service provider.
- **SIM PIN** — this code is used to access the information on your SIM card and to make or receive calls. When you get your phone, your SIM PIN is 0000. You should change this to a SIM PIN known only to you as soon as you get your phone. For information on changing your SIM PIN, see “Changing the PIN” on page 20.

Using Master Reset







The Master Reset option is provided for use only under the direction of your service provider. It resets your service.

Personalize

Personalize contains three options that control which major features are easiest to access when you turn on your phone:

- **Main Menu** — changes the order of the items on your main menu.
- **Keys** — controls which main menu items appear above the two option keys on the **Ready** screen.
- **Power Up App** — sets any of the programs on the main menu to run when you turn on your phone.

Reordering Main Menu

1	From the Personalize screen with Main Menu highlighted, press  under SELECT to access the Reorder Menu screen.
2	Press  to scroll to the main menu option you want to move.
3	Press  under GRAB.
4	Press  to move the option up or down in the list.
5	When the item is where you would like it to appear in the main menu, press  under INSERT.
6	Repeat step 2 through step 5 for all main menu items you want to move.
7	Press  under DONE.

Changing Ready Screen Options

Two options from the main menu always appear on your **Ready** screen above the left and right option keys. Each option can be accessed by pressing the corresponding option key.

Your phone arrives with Phonebook (**PHBK**) assigned to the left option key (⊙) and Messages (**MESG**) assigned to the right option key (⊙). You can assign any Main Menu option you want to the option keys.

1	From the Personalize screen, press ⊙ to scroll to Keys .
2	Press ⊙ under SELECT. The Keys screen shows the option assigned to each option key (Left and Right).
3	To change the option assigned to the left option key, press ⊙ under CHANGE while Left is highlighted.
4	Press ⊙ to scroll to the option you want to assign to the left option key.
5	Press ⊙ under SELECT.
6	To change the option assigned to the right option key, press ⊙ to highlight Right and press ⊙ under CHANGE. Repeat steps 4 and 5 for the right option key.

Changing Power-Up Program

Your phone is set to display the **Ready** screen when it is powered on. You can set the phone to display the main screen of any main menu option when it is powered on.

1	From the Personalize screen, press ⊙ to scroll to Power Up App .
2	Press ⊙ under SELECT. The Power Up App screen shows the name of the program or screen that currently appears when the phone is powered on.
3	Press ⊙ under CHANGE.
4	Press ⊙ to scroll to the option you want to appear when the phone is powered on.
5	Press ⊙ under SELECT.

Initial Setup

Initial Setup enables you to control a variety of your phone's features that you may want to modify when you first get your phone:

- **Time/Date Format** — sets the format in which the time and date display on your phone.
- **Year** — sets the current year.

NOTE: Changing the current year may affect stored Datebook events. Datebook stores events 12 month ahead and one month after the current date. Events outside this range will be deleted. See "Datebook" on page 109 for more information.


- **Auto Redial** — turns the automatic redial feature on and off.
- **Backlight** — controls how long your phone's backlight stays on.
- **Sensor** — controls the photo sensor to activate the backlight when your phone is in poor lighting conditions.
- **Status Light** — controls whether the status light is on when the phone is on.
- **Display** — controls the size of the text in the text display area.
- **Contrast** — controls how light or dark the screens appears.
- **Scroll** — sets how you can scroll lists and menus.
- **Language** — sets the language that your phone displays.
- **Master Clear** — returns all settings to their original defaults and erases all stored lists. Use only under the direction of your service provider.
- **Feature Reset** — returns all settings to their original defaults. Use only under the direction of your service provider.
- **Baud Rate** — sets the baud rate at which your phone communicates with a laptop computer, PC, or similar device.
- **TTY Setup** — sets TTY options. By default, your phone is set to function with a TTY device.
- **TTY Baud Rate** — sets the baud rate at which your phone communicates when connected to a TTY device.
- **Alert Timeout** — controls the amount of time the Call Alert tone sounds.
- **Return to Home** — controls how long the Recent Calls screen displays before returning to the Ready screen after phone and private/group conversations.

Changing Time and Date Format


Your phone displays times in 12-hour-clock format (12:00 am through 11:59 pm) or 24-hour-clock format (0:00 through 23:59). It displays dates in month/day format or day/month format.


NOTE: If you turn the time and date display off, no times are associated with calls on your Recent Calls list, and the alarm feature of your Datebook is disabled.

To set the time and date format, or turn time and date display on or off:

1 From the **Initial Setup** screen with **Time/Date Format** highlighted, press  under SELECT to access the **Time/Date Format** screen.



2 To change the time format:


With **Time Format** highlighted, press  under CHANGE to access **Time Format** screen.

Press  to highlight the time format you want.

Press  under SELECT.



3 To change the date format:


Press  to highlight **Date Format**, and press  under CHANGE to access **Date Format** screen.

Press  to highlight the date format you want.

Press  under SELECT.

4 To turn the time and date format on or off:


Press  to highlight **Display**, and press  under CHANGE to access **Display** screen.

Press  to choose **Off** or **On**.

Press  under SELECT.





Setting Auto Redial

When Auto Redial is set to **On**, if you receive a **System Busy, Try Later** message while making a call, the phone will redial the number automatically. You will hear a ring-back tone when a successful call is placed.

When Auto Redial is set to **Off**, you must press and hold  to redial the last number dialed.

Setting Backlight Timer





The backlight illuminates the display when you receive or make calls. You can set the amount of time that the backlight stays on to 5, 10, 20, or 30 seconds, or set it to stay on continuously or stay off at all times.

1	From the Initial Setup screen, press  to scroll to Backlight .
2	Press  under CHANGE.
3	Press  to scroll to the desired backlight option.
4	Press  under SELECT.

Setting Photo Sensor

To conserve battery power, the photosensor will disable the backlight when you are in good lighting conditions. To force the backlight to come on every time a key is pressed, you can turn the photosensor off.

NOTE: Setting the Backlight to come on continuously while the Photosensor is turned on will drain your battery power.

1	From the Initial Setup screen, press  to scroll to Sensor .
2	Press  under CHANGE.
3	Press  to scroll to the desired option.
4	Press  under SELECT.

Adjusting Status Light





The status light is part of your phone's power button. It illuminates when the phone is on. You can turn the status light feature on or off from the **Initial Setup** screen.

Setting Text Display

You can set your phone's text display area to show more text using smaller characters or less text using larger characters. The size and amount of text displayed depends on the view selected:

- **Standard view** — five lines of text, 14 characters per line.
- **Compressed view** — seven lines of text, 18 characters per line.
- **Zoom view** — four lines of text, 11 characters per line.

To set the text display view:

1	From the Initial Setup screen, press  to scroll to Display: .
2	Press  under CHANGE.
3	Press  to scroll to the desired display option.
4	Press  under SELECT.

NOTE: Unless otherwise noted, illustrations in this User's Guide depict Standard view.

Setting Scrolling

You can set your phone to scroll through menus and lists in either of two ways:





- **Up/Down** — when you reach the bottom or top of list or menu scrolling stops until you scroll in the other direction.
- **Wrap Around** — when you reach the bottom or top of a list or menu scrolling “wraps” around and continues at the other end of the lists of menu.

You can set the scrolling style from the **Initial Setup** screen, using the **Scroll** option.

Changing Display Language

You can customize the *i58sr* phone to display menus in English, French, Spanish, or Portuguese. The default language is English.

To change the display language:

1	From the Initial Setup screen, press  to scroll to Language .
2	Press  under CHANGE.
3	Press  to scroll to the language you want your phone to display.
4	Press  under SELECT.

Master Clear

Master Clear returns all your phone's settings to their original defaults and erases all stored lists. To use this feature, you must contact your service provider to receive your phone's Unlock code.

Feature Reset

Feature Reset returns all your phone's settings to their original defaults. To use this feature, you must contact your service provider to receive your phone's Unlock code.

Setting Baud Rate

You can set your phone's baud rate from the **Initial Setup** screen. Scroll to the **Baud Rate** option and then choose the baud rate you want, or choose **Auto** to set your phone to automatically choose the appropriate baud rate.

Setting TTY Mode

NOTE: This feature may not be offered by your service provider.

TTY Setup enables you to set your options for using your phone with a teletypewriter (TTY) device. By default, your phone is set to function with a TTY device in TTY mode.





Your phone supports the following TTY modes:

- **TTY** — for calls in which you type and read text on your TTY device.

- **VCO** (Voice-Carry-Over) — for calls in which you speak into your phone and read text replies on your TTY device.
- **HCO** (Hearing-Carry-Over) — for calls in which you type text on your TTY device on listen to voice replies on your phone’s speaker.

You can set your TTY mode using your phone’s **Settings** menu at any time, or by issuing commands from your TTY device while on an active call.

To set your phone’s TTY mode using your phone’s **Settings** menu:

1	From the Initial Setup screen, press  to scroll to TTY Setup .
2	Press  under CHANGE .
3	Press  to scroll to the desired TTY mode; Off , TTY , VCO , or HCO .
4	Press  under SELECT .

To set your phone’s TTY mode from your TTY device, issue one of the following commands while on an active call:

- “VCO please” — to select VCO mode.
- “HCO please” — to select HCO mode.
- “HCO off please” — to turn off HCO mode.

IMPORTANT:	When you are using HCO, the sound coming from your phone speaker may be uncomfortably loud. Use caution when putting the phone to your ear. (For information on setting your phone’s speaker volume, see “Alert Timeout” on page 148.)
-------------------	--





NOTE: TTY device manufacturer’s proprietary feature such as Turbo-Code, High-Speed, and Interruption are not supported by your phone. These features must be turned off or disabled to use your TTY device with your phone.

Setting TTY Baud Rate

NOTE: This feature may not be offered by your service provider.

By default, your phone’s TTY baud rate is set to 45.45, the baud rate required for TTY calls within the US. To make calls outside the US, set your TTY baud rate to 50.0.

To change the TTY baud rate:

1	From the Initial Setup screen, press  to scroll to TTY Baud .
2	Press  under CHANGE.
3	Press  to scroll to the baud rate for your location.
4	Press  under SELECT.

Alert Timeout

Alert timeout controls the amount of time the Call Alert tone sounds. The display will continue to show the alert information even though the Call Alert tone has stopped.





You can set your phone's alert timeout rules from the **Initial Setup** screen. Scroll to the **Alert Timeout** option and then choose the desired interval. (No Alert Tone, 5 Minutes, 30 Minutes, 1 Hour, or Continuous.)

Return to Home

You can control the amount of time that the recent call screen displays after a call. You can set different timeouts (30 seconds, 1 min, 5 min, or 10 min) for phone calls and Nextel Direct calls:



- **After Phone** — Set the time that the recent calls screen displays after a phone call.
- **After Prvt/Group** — Set the time that the recent calls screen displays after a private or group call.


To set the recent calls timeout.:

1	From the Initial Setup screen, press  to scroll to Return to Home .
2	Press  under CHANGE.
3	Press  to scroll to the desired display option.
4	Press  under SELECT.


Voice Volume

Voice Volume sets the volume of the sound coming from your phone's earpiece or speaker:

- | | |
|---|--|
| 1 | From the Voice Volume screen, highlight Earpiece Vol to set the earpiece volume, or press  to scroll to Speaker Vol to set the speaker volume. |
| 2 | Press  under CHANGE. |
| 3 | To select a volume level:

Press  to raise or lower the volume setting.

Or,

Press the Volume Control keys on the side of your phone. |
| 4 | Press  under OK. |

Tgrp (Talkgroup) Settings

Tgrp Settings enables you to set certain Talkgroup options. See “Group Call” on page 98 for more information.

Service Status

The Service Status screen shows the status of your phone's services. This screen is for information only; no options can be set.

Styles*

**Optional feature. Please consult your service provider for availability of purchase.*

This feature enables you to save a group of settings for call and message notifications, screen display, and call answering features. You save your selections as a “style” and access them at any time. You can use pre-set styles, such as Car & Meeting, or you can edit them or create your own styles. You can store up to ten styles.

The Styles feature enables you to save a group of settings for call and message notification, screen display, and call answering features. You save your selections as a “style” and access them at any time. You can store up to ten styles.




You may want to use this feature to create a style for use in your car, or in meetings, for example.

Each style contains the following settings:

- **Ring/Vibe** — controls how your phone rings and vibrates when you receive calls and other messages. See “Ring/Vibe” on page 134.
- **Backlight** — controls how long your phone’s backlight stays on. See “Setting Backlight Timer” on page 144.
- **Display** — controls the size of the text in the text display area. See “Setting Text Display” on page 145.
- **Call Filter** — enables you to set your phone to not ring or vibrate when you receive some of all calls, messages, and alerts. See “Setting Call Filtering” on page 153.
- **Auto Answer** — sets your phone to automatically answer an incoming call after a specified number of rings. When this feature is turned on, the phone answers by connecting you to the caller; it does not send the call to Voice Mail.

Using the Styles feature, you can create styles, edit styles, view a style’s properties, delete styles, activate any style you have created, or turn off the active style.

To access the **Styles Menu**:

1	From the Ready screen, press  .
2	Press  to scroll to Styles .
3	Press  under SELECT .










From the **Styles Menu**, you can:

- activate a style or turn off the currently active style
- create a new style
- access the **Styles** menu for more Styles functions

Creating a Style








When you create a style, you give it a name and set the features of that style. The name of the style then appears on the Styles Menu.

To create a style:

1	From the Styles Menu screen, press  to scroll to [New Style] .
2	Press  under SELECT.
3	Assign a name to the style you are creating: In the Name screen, use the alphanumeric keypad to enter the name you want to give the style. As you type, you can delete a letter by pressing  under DELETE. To create a space, press  once. Press  under OK.
4	In the New screen, press  to scroll through the settings for each style option.
5	To change any style option: Press  to highlight the option. Press  under CHANGE or SELECT. Use the screens that appear to make your changes.
6	When all the style options have the settings you want, press  under DONE.

Editing a Style



To change the settings of a style:

1	From the Styles Menu screen, press  to scroll to the name of the style you want to edit.
2	Press  to access the Styles menu.
3	Press  to scroll to Edit and press  under SELECT.
4	To change any style option: Press  to highlight the option. Press  under CHANGE or SELECT. Use the screens that appear to make your changes.
5	When all the style options have the settings you want, press  under DONE.

Activating a Style

When you access the **Styles Menu**, a check mark appears to the left of the name of the style that is currently active on your phone. If no style is active, the check mark appears next to **Off**.



To activate a style:

1	From the Styles Menu screen, press  to scroll to the name of the style you want to activate.
2	Press  under SELECT.

The style immediately becomes active on your phone.

Turning Off a Style

To turn off a style without activating another style:

- | | |
|---|--|
| 1 | From the Styles Menu screen, press  to scroll Off . |
| 2 | Press  under SELECT. |

Using the Styles Menu

When you highlight a style on the Styles Menu, you can then access the Styles menu for additional Styles functions.

To access the Styles menu, press **m** from the Styles menu.

The Styles menu provides the following options:

- **View** — view settings of the highlighted style.
- **Change** — activate the highlighted style.
- **Edit** — edit the settings of the highlighted style.
- **New** — create a new style.
- **Delete** — delete the highlighted style.
- **Delete All** — delete all styles.

Setting Call Filtering

The Call Filter feature enables you to control which calls, messages, and alerts your phone responds to, and which it ignores.

From the Call Filter screen, you set separate filtering options for phone calls, Private and Group calls, alerts, and messages:










- **Phone** — sets filtering options for phone calls.
- **Prvt/Grp** — sets filtering options for Private and Group calls.
- **Alerts** — sets filtering options for call alerts.
- **Notifications** — sets filtering options for messages.

Setting Phone Call Filtering

Call Filter enables you to set your phone responds to all calls, no calls, or only calls from some or all numbers in your Phonebook:

- **Off** sets your phone notify you of all calls.
- **All** sets your phone to ignore all calls.
- **All Phonebook** sets your phone to notify you only of calls from the numbers stored in your Phonebook.
- **Some Phonebook** sets your phone to notify you only of calls from numbers you select from your Phonebook. You may choose up to five Phonebook entries.

To choose Phonebook entries that you want your phone to respond to calls from:

1	From the Call Filter screen, press  to scroll Phone: .
2	Press  under CHANGE.
3	Press  to scroll Some Phonebook .
4	Press  under SELECT. The entries stored in your Phonebook appear.
5	To select a Phonebook entry as one you want to your phone to respond to calls from, press  to scroll the Phonebook entry and press  under SELECT. A check mark appears next to each selected Phonebook entry. You may select up to five Phonebook entries.
6	To remove a selected Phonebook entry from the list, press  to scroll the name and press  under SELECT.
7	When you have selected the Phonebook entries you want, press  under DONE.

Setting Private and Group Call Filtering

Setting **Prvt/Grp** to **On** sets your phone to ignore all Private and Group calls. Setting **Prvt/Grp** to **Off** sets your phone to respond to all Private and Group calls.

Setting Alert Filtering

Setting **Alerts** to **On** sets your phone to ignore all call alerts. Setting **Alerts** to **Off** sets your phone to respond to all call alerts.

Setting Message Notification Filtering

Call Filter enables you to set your phone to notify you of some types of messages, all types of messages, or no messages:

- **Off** allows your phone to notify you of all messages.
- **Voice Messages** allows your phone to notify you of Voice Mail messages.
- **Text Messages** allows your phone to notify you of Text Messages messages.
- **All** prevents your phone from notifying you of all messages.




Call Filter can prevent your phone from ringing or vibrating when you receive a message. Your display screen will still indicate that you have messages.

Shortcuts


The Shortcuts feature enables you to access most menu or sub-menu options in your phone by pressing a numeric button on the keypad or speaking a voice name for the shortcut. You create the shortcut to the menu by assigning a number to it and then access the menu by pressing the number.

Creating a Shortcut

- 1 Navigate to the menu item to which you want to create a shortcut. For example, if you wanted to create a shortcut to **Ring/Vibe**:

From the **Ready** screen, press , then press  to scroll to **Setting**. Press  under SELECT. **Ring/Vibe** is now highlighted in the **Settings** screen.


- 2 Press and hold  for about 2 seconds.


- 3 A confirmation screen displays showing the name of the menu item to which you want to create a shortcut. To proceed with assigning the shortcut, press  under YES.

4 A screen displays showing the assigned shortcut number.

If you want to change the shortcut number:

Press  under CHANGE.

Press  under DELETE to erase the assigned number.


Enter the desired number on your keypad and press  under OK.

5 If you want to record a voice name for that shortcut:

Press  to highlight the **Voice** field.

Press  under RECORD.

As directed by the screen prompts, say and repeat the name you want to assign to the shortcut. Speak clearly into the microphone.

An  icon appears in the **Voice** field indicating that the voice name has been recorded.


USER TIP: For best results, record in a quiet environment.

6 Press  under DONE.

Using a Shortcut


To use a shortcut to access a menu:


1 From the **Ready** screen, press .


2 Press the number assigned to the shortcut. You have 2 seconds to do this after pressing .

Or,

1 From the **Ready** screen, press .


2 Press  to scroll to **Shortcuts**.

3	Press  under SELECT.
---	---

4	Press  to scroll to the shortcut you want to use.
---	--

5	Press  under GOTO.
---	---

Or, if you have assigned the shortcut a voice name*:

1	From the Ready screen, press and hold  on the side of your phone until the Say Name Now screen appears.
---	--

2	Say the voice name assigned to the shortcut into your phone's microphone.
---	---

3	Your phone will play the voice name back to you.
---	--

**Optional feature. Please consult your service provider for availability of purchase.*


Using the Shortcut Menu


The Shortcut Menu enables you to manage your shortcuts with the following options.

- **New Entry** — view instructions for assigning a shortcut.
- **Edit** — edit a shortcut name and key number.
- **Reorder** — assign existing shortcuts to different key number.
- **Delete** — delete any highlighted Shortcut.
- **Delete All** — delete all stored Shortcuts.

To access the **Shortcut** menu:

1	From the Ready screen, press  .
---	---

2	Press  to scroll to Shortcuts .
---	---

3	Press  under SELECT.
---	---

4	Press  .
---	---

Accessories

To order additional accessories, log on to our Web site at: www.motorola.com/iden or contact your Motorola Authorized Retailer.

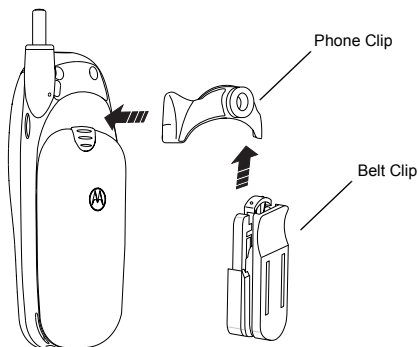
This section includes information on the following accessories included with your phone:

Carrying Solutions	Page 159
Batteries	Page 161
Travel Chargers	Page 162
Data Accessories	Page 164

Carrying Solutions

Swivel Carry Clip

The Swivel Carry Clip provides a convenient means by which to carry your *i58sr* phone with you. It consists of the Phone Clip and the Belt Clip.



Using the Swivel Carry Clip

- 1 Attach the Phone Clip to the phone.

USER TIP: Start with the antenna side of the clip.

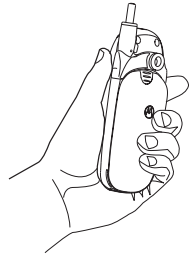
- 2 Slide the Belt Clip onto the Phone Clip until you hear it click.

- 3 Attach the Swivel Carry Clip (Phone Clip and Belt Clip) to your belt.

- 4 To release phone from belt clip, push the button on the top of the belt clip.

Removing the Swivel Carry Clip

- 1 Hold the phone securely in your left hand.



- 2 Curl the right hand index finger and place the outer edge of the finger against the knob of the Phone Clip.

- 3 Place the thumb of your right hand on the side of the phone, directly below the left side of the Phone Clip.



- | | |
|----------|--|
| 4 | Squeeze the right hand thumb and index finger together until the clip snaps out of the retaining slot on the left side |
| 5 | Remove the clip. |

Batteries

For best results, charge the batteries within the temperature range of 10°C to 40°C (50°F to 104°F).

Prolonged charging is not recommended. For battery charging guidelines, see Table below.

Charging Lithium Ion Batteries

Table 1 provides the approximate time to fully charge a battery using a Motorola iDEN Approved Lithium Ion battery charger. Check the kit number on your battery and charger to determine the appropriate charging time.

Table 1: Battery Charging Times

MOTOROLA BATTERIES		Charging Time to 100%	
Kit Number	Description/Chemistry	Rapid Charger (SPN4716)	Mid-Rate Charger (SPN4940) or (SPN4808)
SNN5717	Slim Li Ion	2 hours 30 minutes	4 hours
SNN5705*	High Performance Li Ion	2 hours 30 minutes	5 hours
SNN5706	Extra Capacity Li Ion	2 hours 30 minutes	7 hours
SNN5716*	Maximum Capacity Li Ion	3 hours	8 hours

* These batteries are available with rubber overmolded battery covers.

NOTE: Charging times are based on a fully discharged battery.

For optimal battery life, use a Motorola iDEN Approved Lithium Ion battery charger with your Motorola iDEN Lithium Ion battery. Other chargers may not fully charge your Lithium Ion battery.

Battery Operating Instructions

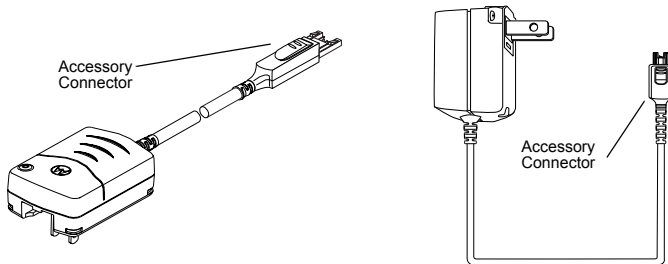
- Extreme temperatures will degrade battery performance. Do not store your battery where temperatures exceed 60°C (140°F) or fall below -20°C (4°F).
- Lithium Ion batteries have a self discharge rate and without use, will lose about 1% of its charge per day.
- The battery capacity will be degraded if stored for long periods while fully charged. If long term storage is required, store at half capacity.
- The Motorola iDEN Approved Lithium Ion chargers will provide optimum performance. Other chargers may not fully charge your iDEN Lithium Ion battery or may yield reduced number of lifetime charge cycles.
- If the battery appears inoperative, the internal protection circuitry may have been activated. Remove the battery from the phone and put it into the charger for several minutes to reset the circuitry.
- When batteries are not in use, always store them in the plastic safety tray.

Travel Chargers

Using one of the Travel Chargers listed below, you can charge a battery from an AC outlet. On one end of the Travel Charger, an accessory connector attaches to the bottom of the phone. At the other (AC outlet) end of the device, there is a compact housing that contains the plug-in power supply.

TRAVEL CHARGERS	
Kit Number	Description
SPN4940	Mid-Rate Multi-Voltage Travel Charger
SPN4716	Rapid Multi-Voltage Travel Charger
SPN4808	Mid-Rate Economy Travel Charger

NOTE: Additional adaptor plugs to accommodate various International power outlets can be purchased separately for the multi-voltage Travel Chargers.



Using the Travel Charger

- 1 While holding the phone with its keypad facing up, insert the accessory connector (with the Motorola logo facing you) into the bottom of the phone until you hear a click.
 - 2 If you have either the Mid-Rate Multi-Voltage Travel Charger or the Rapid Multi-Voltage Travel Charger, flip open the prongs, and plug the Travel Charger transformer into an AC wall outlet.
- Or
- If you have the Mid-Rate Economy Travel Charger, plug the Travel Charger transformer into an AC wall outlet.

Multi-Voltage Travel Charger Operating Specifications

Input voltage range: 90-264 VAC @ 50/60 Hz.

Operating temperature range: 0°C to +50°C

Economy Travel Charger (U.S. Only)

Input voltage range: 90-120 VAC @60Hz.

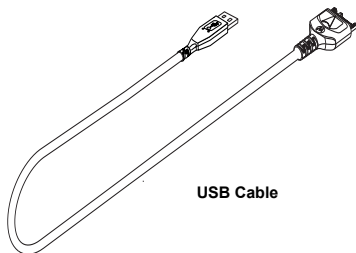
Operating temperature range: 0°C to +50°C

Data Accessories

Universal Serial Bus (USB)

Your user will be able communicate with USB capable laptop and desktop computers.

USB capable *i58sr* phone supports both RS232 communications and USB communications (with USB mother devices). The *i58sr* phone will automatically detect whether an RS232 or USB cable has been connected to it and will utilize the appropriate protocol accordingly. No other action is required by the user in order to select between USB or RS232 serial communications.

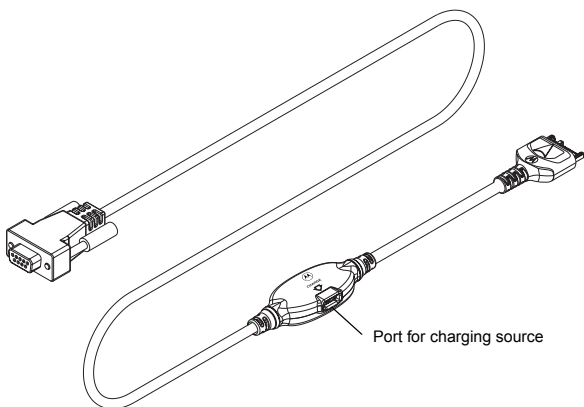


iDEN PC applications will support USB drivers for the following operating systems only:

- Windows 98
- Windows 2000
- Windows ME

RS232 Data Cable

The RS232 Data Cable facilitates quick and easy data synchronization between your *i58sr* phone and a PC. This cable accommodates both circuit and packet data applications. The cable also features a charging port. Any applicable phone charger may be used to charge the phone simultaneously.

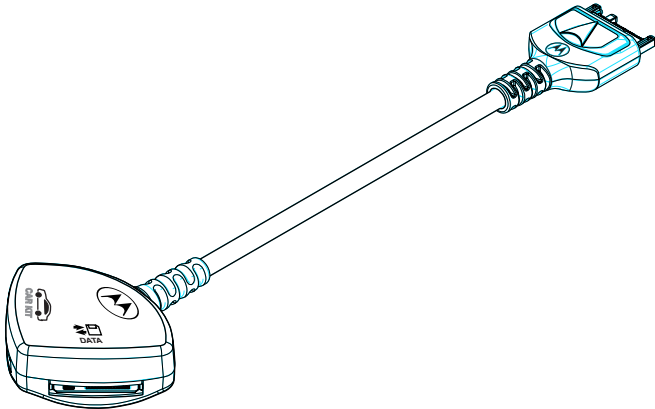


Using the Data Cable

- 1 While holding the phone with its keypad facing up, insert the accessory connector (with the Motorola logo facing you) into the bottom of the phone until you hear a click.
- 2 Insert the data plug directly into your PC or one of the many other data compatible iDEN accessories.

Dual Port Adapter Cable

The Dual Port Adapter Cable enables in-vehicle communications and charging of the *i58sr* phone via the Hands-Free Car kit, while being simultaneously connected for data operations.



Using the Dual Port Adapter Cable

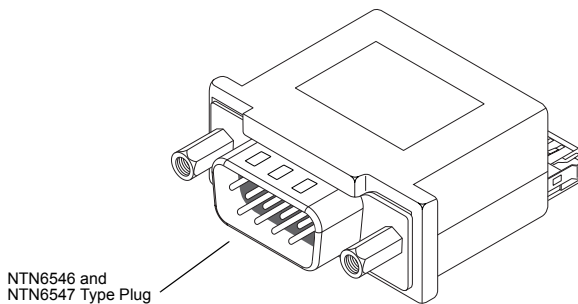
- 1 Insert the flat end of the Dual Port Adapter Cable cord into the bottom connector of the *i58sr* phone. Make sure the Motorola logo is facing upward.
- 2 Insert the round end of the RS232 Data Cable into the receptacle on the Dual Port Adapter Cable labeled "Data".
- 3 Insert the Hands-Free Car Kit into the receptacle on the Dual Port Adapter Cable labeled "Car Kit".

PDA Converter Plugs

The PDA (Pocket Digital Assistant) plug is a convenient way to connect your *i58sr* phone to many types of PDA devices, both PC and Windows CE compatible.

Below is the list of adapters which can be used with your *i58sr* phone:

Item Number	Description
NTN6546	Palm III™/VII™ Cable Adapter
NKN6547	Palm V™ Cable Adapter
NTN8993	Generic Pocket Digital Assistant (PDA) -Male-Female Serial Adapter (Not Shown)



Using the PDA Converter Plug

- 1 While holding the phone with its keypad facing up, insert the accessory connector (with the Motorola logo facing you) into the bottom of the phone until you hear a click.
- 2 Connect the opposite end of the data cable to the PDA converter.

- | |
|--|
| 3 Connect other end of PDA converter to the mating connector of the PDA device. |
| 4 If you are using the NTN8993 PDA adapter, connect the other end of the adapter to the PDA's supplied data synchronization cradle and place the PDA into the cradle. |

NOTE: Please see the label on the bottom of your Dual-Pocket Desktop Charger for more information regarding battery charging status.

Other Important Information

This section includes the following topics:

Understanding Status Messages	Page 169
Safety and General Information	Page 171
Limited Warranty Information	Page 187
Patent and Trademark Information	Page 195

Understanding Status Messages

The following table lists and describes the status messages.

Status Messages	Message Description
Number Not in Service	The number that you entered is not valid.
User Not Available	The phone that you called is either busy, out-of-coverage, or turned off. Please try again later.
User Not Authorized	The person that you called has not purchased this service.
Please Try Later	This service is temporarily not available. Please try again later.
User Busy in Private	The phone that you called is busy in a Private call.
User Busy in Data	The phone that you called is busy in a Dial-Up call.
Service Restricted	This service was restricted by your service provider, or this service was not purchased.
Service Not Available	This feature is not available on the current network.

Status Messages	Message Description
System Busy Try Later	The system is experiencing heavy traffic. Please try again later.
Service Conflict	This service cannot be enabled because an incompatible service has already been turned on.
Please Try Again	An error occurred. Please try again.
Self Check Error	A fault was detected with your phone. If this error recurs, note the error code and contact Customer Care.
Self Check Fail	An operational fault was detected with your phone. Note the numeric code, turn your phone off, and contact Customer Care.
PIN Blocked Call Your Provider	The incorrect PIN was entered three consecutive times. You will be unable to place or receive calls on your <i>i58sr</i> phone. Call your service provider to have them obtain the PIN Unblocking Key (PUK) code.
Insert SIM	Your SIM Card is not being detected. Please check to ensure that you have inserted the SIM Card.
Check SIM Card	Please check your SIM Card to make sure it has been inserted properly.
Wrong PIN	You have entered an incorrect PIN number.
Wrong Code	Your phone will not accept a SIM card that is not from your carrier.
Enter PIN	Please enter your 4-8 digit SIM Pin code.
Enter Unlock Code	Auto Phonerlock is activated. Enter your unlock code.
New Browser Message Memory Full!	Warns of low memory for Net Alerts

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.

READ THIS INFORMATION BEFORE USING YOUR INTEGRATED MULTI-SERVICE PORTABLE RADIO.

RF Operational Characteristics

Your radio product contains a radio frequency transmitter to convey the information you wish to send as well as occasional automatic signals used to sustain connection to the wireless network, and a receiver which enables you to receive communication and connection information from the network.

PORTABLE RADIO PRODUCT OPERATION AND EME EXPOSURE

Your Motorola radio product is designed to comply with the following RF exposure standards and guidelines:

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J
- American National Standards Institute (ANSI) / Institute of Electrical and Electronics Engineers (IEEE). C95. 1-1992
- Institute of Electrical and Electronics Engineers (IEEE). C95. 1-1999 Edition
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998
- Ministry of Health (Canada). Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999.
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2001
- ANATEL, Brasil Regulatory Authority, Resolution 256 (April 11, 2001) “additional requirements for SMR, cellular and PCS product certification.”

To assure optimal radio product performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

Phone Operation

When placing or receiving a phone call, hold your radio product as you would a wireline telephone. **Speak directly into the microphone.**

Two-way radio operation

When using your radio product as a traditional two-way radio, **hold the radio product in a vertical position with the microphone one to two inches (2.5 to 5 cm) away from the lips.**



Body-worn operation

To maintain compliance with FCC RF exposure guidelines, if you wear a radio product on your body when transmitting, always place the radio product in a **Motorola approved clip, holder, holster, case or body harness for this product.** Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. **If you do not use a Motorola approved body-worn accessory and are not using the radio product in the intended use positions along side the head in the phone mode or in front of the face in the two-way radio mode, then ensure the antenna and the radio product are kept the following minimum distances from the body when transmitting**

- **Phone or Two-way radio mode: one inch (2.5 cm)**
- **Data operation using any data feature with or without an accessory cable: one inch (2.5 cm)**

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the radio product and may violate FCC regulations.

DO NOT hold the antenna when the radio product is “IN USE”. Holding the antenna affects call quality and may cause the radio product to operate at a higher power level than needed.

Approved Accessories

For a list of approved Motorola accessories call 1-800-453-0920, visit our website at www.mot.com/iden, or look in the accessory section of this manual.

ALL MODELS WITH FCC ID AZ489FT5815 MEET THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.* Tests for SAR are conducted using standard operating positions reviewed by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.24 W/kg and when tested on the body, as described in this user guide, is 0.267 W/kg during voice transmission using Phone Mode and 0.50 W/kg during packet data transmission. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.) While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID AZ489FT5815.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Electro Magnetic Interference/Compatibility

NOTE: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your radio product in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your radio product when on board an aircraft. Any use of a radio product must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

The Advanced Medical Technology Association (AdvaMed) recommends that a minimum separation of 6 inches (15 cm) be maintained between a handheld wireless radio product and a pacemaker. These recommendations are consistent with those of the U.S. Food and Drug Administration.

Persons with pacemakers should:

- ALWAYS keep the radio product more than 6 inches (15 cm) from their pacemaker when the radio product is turned ON.
- Not carry the radio product in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn the radio product OFF immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless radio products may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

www.motorola.com/iden

Use While Driving

Check the laws and regulations on the use of radio products in the area where you drive. Always obey them.

When using the radio product while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

**WARNING**

Operational Warnings

For Vehicles with an Air Bag

Do not place a portable radio product in the area over the air bag or in the air bag deployment area. Air bags inflate with great force. If a portable radio is placed in the air bag deployment area and the air bag inflates, the radio product may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your radio product prior to entering any area with a potentially explosive atmosphere, unless it is a radio product type especially qualified for use in such areas as “Intrinsically Safe” (for example, Factory Mutual, CSA, or UL approved). Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

NOTE: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn off your radio product when you are near electrical blasting caps, in a blasting area, or in areas posted: “Turn off two-way radio”. Obey all signs and instructions.



Caution

Operational Cautions

Antennas

Do not use any portable radio product that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

All batteries can cause property damage and/or bodily injury, such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

Cleaning and Drying Considerations

Using a leather carry case may help protect the surfaces and help prevent liquids (e.g., rain) from entering into the interior of the radio product. This product is not water proof, and exposing the unit to liquids may result in permanent damage to the unit.

If your radio product interior gets wet, then do not try to accelerate drying with the use of an oven or a dryer as this will damage the radio product and void the warranty. Instead, do the following:

1. Immediately power off the radio product.
2. Remove Battery and SIM card (if so equipped) from radio product.
3. Shake excess liquid from radio product.
4. Place the radio product and battery in an area that is at room temperature and has good air flow.

5. Let the radio product, battery dry, and SIM card for 72 hours before reconnecting the battery and/or powering on the radio product.

If the radio product does not work after following the steps listed above, contact your dealer for servicing information.

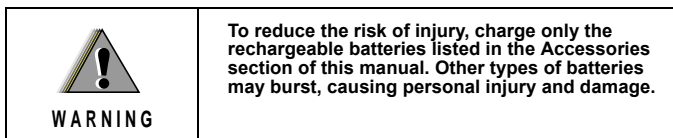
Clean the external surfaces of the radio product with a damp cloth, using a mild solution of dishwashing detergent and water. Some household cleaners may contain chemicals that could seriously damage the radio product. Avoid the use of any petroleum-based solvent cleaners. Also, avoid applying liquids directly on the radio product.

Accessory Safety Information

IMPORTANT:

SAVE THESE ACCESSORY SAFETY INSTRUCTIONS

- Before using any battery or battery charger, read all the instructions for and cautionary markings on (1) the battery, (2) the battery charger, which may include a separate wall-mounted power supply or transformer, and (3) the radio product using the battery.
- Do not expose any battery charger to water, rain, or snow as they are designed for indoor or in-vehicle use only.



- To reduce the risk of damage to the cord or plug, pull by the plug rather than the cord when you disconnect the battery charger from the power source outlet.
- Do not operate any battery charger with a damaged cord or plug — replace them immediately.
- Battery chargers may become warm during operation, but not hot. If it becomes hot to the touch, unplug it from the power outlet immediately and discontinue its use.
- Use of a non-recommended attachment to a battery charger may result in a risk of fire, electric shock, or injury to persons.
- Make sure the battery charger power cord is located so that it will not be stepped on, tripped over, or subjected to damage or stress.
- An extension cord should not be used with any battery charger unless absolutely necessary. Use of an improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure that:
 - The pins on the plug of the extension cord are the same number, size, and shape as those on the plug of the charger.
 - The extension cord is properly wired and in good electrical condition.
 - The cord size is 18AWG for lengths up to 100 feet and 16AWG for lengths up to 150 feet.

- Do not operate any battery charger if it has received a sharp blow, has been dropped, or has been damaged in any way; take it to a qualified service technician.
- Do not disassemble a battery charger; take it to a qualified service technician when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- Maximum ambient temperature around the power supply or transformer of any battery charger should not exceed 40°C (104°F).
- The output power from the power supply or transformer must not exceed the rating given on the Desktop Dual-Pocket Charger.
- The disconnection from the line voltage is made by unplugging the power supply from the AC receptacle.
- To reduce risk of electric shock, unplug any battery charger from the outlet before attempting any maintenance or cleaning.

For optimum charging performance, turn off the radio product while charging it in any battery charger.

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones



FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known—and what remains unknown—about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radiofrequency energy (i.e., radiofrequency radiation) in the microwave range while being used. They also emit very low levels of radiofrequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence *does not* demonstrate any adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna—the primary source of the RF—and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously—up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

1. In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.
2. When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepitheliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually *decreased* with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results.(1)

3. Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary.(2)

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

1. Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.(3)
2. In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used. Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.(4)

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

What is FDA's role concerning the safety of mobile phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

- support needed research into possible biological effects of RF of the type emitted by mobile phones;

- design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Health and Safety Administration
- National Telecommunications and Information Administration

The National Institute of Health also participates in this group.

In the absence of conclusive information about any possible risk, what can concerned individuals do?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to:

- a mobile phone in which the antenna is located outside the vehicle,
- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package, or
- a headset with a remote antenna to a mobile phone carried at the waist.

Again, the scientific data *do not* demonstrate that mobile phones are harmful. But if people are concerned about the radiofrequency energy from these products, taking the simple precautions outlined above can reduce any possible risk.

Where can I find additional information?

For additional information, see the following websites:

- **Federal Communications Commission (FCC)** RF Safety Program (select “Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters”): <http://www.fcc.gov/oet/rfsafety> .
- **World Health Organization (WHO)** International Commission on Non-Ionizing Radiation Protection (select Qs & As): <http://www.who.int/emf>
- **United Kingdom, National Radiological Protection Board:** <http://www.nrpb.org.uk> .
- **Cellular Telecommunications Industry Association (CTIA):** <http://www.wow-com.com> .
- **U.S. Food and Drug Administration (FDA)** Center for Devices and Radiological Health: <http://www.fda.gov/cdrh/consumer/> .

References:

1. Muscat et al. Epidemiological Study of Cellular Telephone Use and Malignant Brain Tumors. In: State of the Science Symposium; 1999 June 20; Long Beach, California.
2. Tice et al. Tests of mobile phone signals for activity in genotoxicity and other laboratory assays. In: Annual Meeting of the Environmental Mutagen Society; March 29, 1999, Washington, D.C.; and personal communication, unpublished results.
3. Preece, AW, Iwi, G, Davies-Smith, A, Wesnes, K, Butler, S, Lim, E, and Varey, A. Effect of a 915-MHz simulated mobile phone signal on cognitive function in man. *Int. J. Radiat. Biol.*, April 8, 1999.
4. Hardell, L, Nasman, A, Pahlson, A, Hallquist, A and Mild, KH. Use of cellular telephones and the risk for brain tumors: a case-control study. *Int. J. Oncol.*, 15: 113-116, 1999.

Limited Warranty Motorola Communication Products

NOTE:	This Warranty applies within the fifty (50) united states and the District of Columbia
--------------	--

I. WHAT THIS WARRANTY COVERS AND FOR HOW LONG:

MOTOROLA, INC. (“MOTOROLA”) warrants the MOTOROLA manufactured iDEN Communication Products listed below (“Product”) against defects in material and workmanship under normal use and service for a period of time from the date of purchase as scheduled below:

iDEN Subscriber Digital Mobile and Portable Units	One (1) Year
Product Accessories	One (1) Year
Batteries	One (1) Year

Rechargeable Batteries will be replaced during the applicable warranty period if:

- a. the battery capacity falls below 80% of rated capacity, or
- b. the battery develops leakage.

MOTOROLA, at its option, will at no charge either repair the Product (with new or reconditioned parts), replace it (with a new or reconditioned Product), or refund the purchase price of the Product during the warranty period provided it is returned in accordance with the terms of this warranty. Replaced parts or boards are warranted for the balance of the original applicable warranty period. All replaced parts of Product shall become the property of MOTOROLA.

This express limited warranty is extended by MOTOROLA to the original end user purchaser only and is not assignable or transferable to any other party. This is the complete warranty for the Product manufactured by MOTOROLA. MOTOROLA assumes no obligations or liability for additions or modifications

to this warranty unless made in writing and signed by an officer of MOTOROLA. Unless made in a separate agreement between MOTOROLA and the original end user purchaser, MOTOROLA does not warrant the installation, maintenance or service of the Product.

MOTOROLA cannot be responsible in any way for any ancillary equipment not furnished by MOTOROLA which is attached to or used in connection with the Product, or for operation of the Product with any ancillary equipment, and all such equipment if expressly excluded from this warranty. Because each system which may use the Product is unique, MOTOROLA disclaims liability for range, coverage, or operation of the system as a whole under this warranty.

II. GENERAL PROVISIONS:

This warranty sets forth the full extent of MOTOROLA'S responsibilities regarding the Product, Repair, replacement or refund of the purchase price, at MOTOROLA'S options, is the exclusive remedy. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL MOTOROLA BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

III. STATE LAW RIGHTS:

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY.

This warranty gives specific legal rights, and there may be other rights which may vary from state to state.

IV. HOW TO GET WARRANTY SERVICE:

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by MOTOROLA through one of its authorized warranty service locations. If you first contact the company which sold you the Product (e.g., dealer or communication service provider), it can facilitate your obtaining warranty service. You can also call MOTOROLA at 1-800-453-0920 for warranty service location information.

V. WHAT THIS WARRANTY DOES NOT COVER:

- a. Defects or damage resulting from use of the Product in other than its normal and customary manner.
- b. Defects or damage from misuse, accident, water, or neglect.
- c. Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
- d. Breakage or damage to antennas unless caused directly by defects in material workmanship.
- e. A Product subjected to unauthorized Product modifications, disassemblies or repairs (including, without limitation, the audition to the Product of non-MOTOROLA supplied equipment) which adversely affect performance of the Product or interfere with MOTOROLA'S normal warranty inspection and testing of the Product to verify any warranty claim.
- f. Product which has had the serial number removed or made illegible.
- g. Rechargeable batteries if:
 1. Any of the seals on the battery enclosure of cells are broken or show evidence of tampering.
 2. The damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.
- h. Freight costs to the repair depot.
- i. A Product which, due to illegal or unauthorized alteration of the software/firmware in the Product, does not function in accordance with MOTOROLA'S published specifications or the FCC type acceptance labeling in effect for the Product at the time the Product was initially distributed from MOTOROLA.
- j. Scratches or other cosmetic damage to Product surfaces that does not effect the operation of the Product.
- k. Normal and customary wear and tear.

VI. PATENT AND SOFTWARE PROVISIONS:

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a United States patent, and Motorola will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- a. That MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- b. That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
- c. Should the Product or parts become, or in MOTOROLA'S opinion be likely to become, the subject of a claim of infringement of a patent, that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non-infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

MOTOROLA will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by MOTOROLA, nor will MOTOROLA have any liability for the use of ancillary equipment or software not furnished by MOTOROLA which is attached to or used in connection with the Product or any parts thereof.

Laws in the United States and other countries preserve for MOTOROLA certain exclusive rights for copyrighted MOTOROLA software, such as the exclusive rights to reproduce in copies and distribute copies of such MOTOROLA software. MOTOROLA software may be used in only the Product in which the software was originally embodied and such software in such Product may not be replaced, copied, distributed, modified in any way, or used to produce any derivative thereof. No other use including, without limitation, alteration, modification, reproduction, distribution, or reverse engineering of such MOTOROLA software or exercise of rights in such MOTOROLA software is permitted. No license is granted by implication, estoppel or otherwise under MOTOROLA patent rights or copyrights.

Limited Warranty Motorola Communication Products (International)

NOTE :	This Warranty applies in Singapore and the Philippines.
---------------	---

I. WHAT THIS WARRANTY COVERS AND FOR HOW LONG:

MOTOROLA warrants the MOTOROLA manufactured iDEN Communication Products listed below (“Product”) against defects in material and workmanship under normal use and service for a period of time from the date of purchase as scheduled below:

iDEN Subscriber Digital Mobile and Portable Units	One (1) Year
Product Accessories (manufactured by or under license from MOTOROLA)	One (1) Year
Batteries	One (1) Year

Rechargeable Batteries will be replaced during the applicable warranty period if:

- a. the battery capacity falls below 80% of rated capacity, or
- b. the battery develops leakage.

MOTOROLA, at its option, will at no charge either repair the Product (with new or reconditioned parts), replace it (with a new or reconditioned Product), or refund the purchase price of the Product during the warranty period provided it is returned in accordance with the terms of this warranty. Replaced parts or boards are warranted for the balance of the original applicable warranty period. All replaced parts of Product shall become the property of MOTOROLA.

This express limited warranty is extended by MOTOROLA to the original end user purchaser only and is not assignable or transferable to any other party. This is the complete warranty for the Product manufactured by MOTOROLA. MOTOROLA assumes no obligations or liability for additions or modifications

to this warranty unless made in writing and signed by an officer of MOTOROLA. Unless made in a separate agreement between MOTOROLA and the original end user purchaser, MOTOROLA does not warrant the installation, maintenance or service of the Product.

MOTOROLA cannot be responsible in any way for any ancillary equipment not furnished by MOTOROLA which is attached to or used in connection with the Product, or for operation of the Product with any ancillary equipment, and all such equipment if expressly excluded from this warranty. Because each system which may use the Product is unique, MOTOROLA disclaims liability for range, coverage, or operation of the system as a whole under this warranty.

II. GENERAL PROVISIONS:

This warranty sets forth the full extent of MOTOROLA'S responsibilities regarding the Product, Repair, replacement or refund of the purchase price, at MOTOROLA'S options, is the exclusive remedy. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW. IN NO EVENT SHALL MOTOROLA BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

III. HOW TO GET WARRANTY SERVICE:

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by MOTOROLA through one of its authorized warranty service locations. If you first contact the company which sold you the Product (e.g., dealer or communication service provider), it can facilitate your obtaining warranty service.

IV. WHAT THIS WARRANTY DOES NOT COVER:

- a. Defects or damage resulting from use of the Product in other than its normal and customary manner.

- b. Defects or damage from misuse, accident, water, or neglect.
- c. Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
- d. Breakage or damage to antennas unless caused directly by defects in material workmanship.
- e. A Product subjected to unauthorized Product modifications, disassemblies or repairs (including, without limitation, the audition to the Product of non-MOTOROLA supplied equipment).
- f. Product which has had the serial number removed or made illegible.
- g. Rechargeable batteries if:
 - 1. Any of the seals on the battery enclosure of cells are broken or show evidence of tampering.
 - 2. The damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.
- h. Freight costs to the repair depot.
- i. A Product which, due to illegal or unauthorized alteration of the software/firmware in the Product, does not function in accordance with MOTOROLA'S published specifications or the local type acceptance labeling in effect for the Product at the time the Product was initially distributed from MOTOROLA.
- j. Scratches or other cosmetic damage to Product surfaces that does not effect the operation of the Product.
- k. Normal and customary wear and tear.
- l. Exclusion for defects or damage arising from use of the products in connection with non-MOTOROLA equipment.

V. PATENT AND SOFTWARE PROVISIONS:

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a patent, and Motorola will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- a. That MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- b. That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
- c. Should the Product or parts become, or in MOTOROLA'S opinion be likely to become, the subject of a claim of infringement of a patent,

that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non-infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

MOTOROLA will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by MOTOROLA, nor will MOTOROLA have any liability for the use of ancillary equipment or software not furnished by MOTOROLA which is attached to or sued in connection with the Product or any parts thereof. In no event shall MOTOROLA be liable for any incidental, special or consequential damages arising from any claim of patent infringement or alleged infringement.

Laws in the United States and other countries preserve for MOTOROLA certain exclusive rights for copyrighted MOTOROLA software, such as the exclusive rights to reproduce in copies and distribute copies of such MOTOROLA software. MOTOROLA software may be used in only the Product in which the software was originally embodied and such software in such Product may not be replaced, copied, distributed, modified in any way, or used to produce any derivative thereof. No other use including, without limitation, alteration, modification, reproduction, distribution, or reverse engineering of such MOTOROLA software or exercise of rights in such MOTOROLA software is permitted. No license is granted by implication, estoppel or otherwise under MOTOROLA patent rights or copyrights.

Patent and Trademark Information

MOTOROLA, the Stylized M Logo and all other trademarks indicated as such herein are trademarks of Motorola, Inc. ® Reg. U.S. Pat. & Tm. Off. © 2002 Motorola, Inc. All rights reserved. Manufactured under one or more of the U.S. patents listed in the User's Guide.

Microsoft and, Microsoft WEB Explorer, are registered trademarks of Microsoft Corporation.

Netscape Navigator is a registered trademark of Netscape Communications Corporation.

T9 is a trademark owned by Tegic Communications.

T9® Text Input Patent and Trademark Information

This product is covered by U.S. Pat. 5,818,437, U.S. Pat. 5,953,541, U.S. Pat. 6,011,554 and other patents pending.

Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

Direct Protect is a trademark of Signal Insurance Company.

All other product or service names mentioned in this manual are the property of their respective trademark owners.

A

- Accessories **161**
 - batteries **163**
 - Data cable **91, 167, 168**
 - Dual Port Adapter Cable **168**
 - Swivel Carry Clip **161**
 - Travel Charger **164**
- Accessory safety information **181**
- Adapter cable **168**
- Additional Health and Safety **183**
- Alpha mode, text entry **34**
- Auto Redial **146**

B

- Backlight timer **146**
- Battery **163**
 - attaching **15**
 - charge strength **17**
 - charging **16**
 - detaching **16**
 - operating **164**
- Baud rate **148**

C

- Call Alert Queue **97**
- Call alerts **95**
 - from Phonebook **96**
 - receiving **97**
- Call Filtering **155**
- Call Forwarding **75**
 - turning off **77**
 - turning on **76**
- Call Hold **73**
- Call Timers **71, 72**
- Call Waiting **72, 140**

- accepting calls **72**
- declining calls **73**
- ending active calls **73**
- switching between calls **73**
- turning off **73**

- Charge strength **17**
- Circuit data **91**
- Circuit data number **32**
- CompanionPro **48**
- Connection status **31**
- Customizing Java applications **133**
- Customizing phone **135**

D

- Data cable **91, 167, 168**
- Datebook **111**
 - event reminders **120**
 - set up **120**
 - viewing **112**
 - viewing a day **113**
 - viewing a week **113**
 - viewing event details **114**
 - viewing today **114**
- Datebook events **114**
 - adding **115**
 - deleting **119**
 - editing **119**
- Datebook icons **112**
- Dialing menu **56**
- Digital cellular **61**
- Direct dial **62**
- Display options **42**
 - changing **142**
- Driving safety **11**

E

- email **91**
 - sending and receiving **90**
- Entering text, see Text entry

F

- Faxes
 - sending and receiving **91**

G

- Getting started **13**
- Group calls **100**

I

- Icons
 - context sensitive **39**
 - Datebook **112**
 - main menu **44**
 - Phonebook **48**
 - status **39**
- In Call Setup **140**
- Initial Setup **144**
- Initial SIM PIN number **21**
- International calls **60, 65**
- IP Address **32**

J

- Java applications **131**
 - deinstalling **134**
 - downloading **133**
 - installing **132**
 - memory **133**

K

- Keypad Lock **141**

L

- Language **148**

M

- Main menu **45**
 - icons **44**
 - options **44**
 - reordering **142**
- Making call alerts **96**
- Making phone calls **61**
- Making Private calls **93**
- Master Reset **141**
- Memo **123**
 - adding **123**
 - deleting **124**
 - editing **124**
 - viewing **123**
- Memory
 - Java **133**
 - Voice Record **129**
- Menu icon **42**
- Menus **42, 43, 56**
 - main menu **45**
 - Shortcut **159**
 - Styles menu **153, 155**
- Message Center **85**
- Messages **85**
 - Net Alert **90**
 - text and numeric **88**
 - voice mail **86**
- Messages, Net Alert
 - receiving **90**
- Messages, text and numeric
 - receiving **89**
 - viewing **89**
- Missed Calls **71**
- Modem, phone as **91**
- Motorola **10**
- Mute **70**
- My Information **32**

N

- Net Alert **90**
- Notifications **140**
 - setting **138**
- Numeric mode, text entry **37**

P

- Packet data **91**
- Password
 - security code **141**
 - SIM PIN **141**
 - unlock code **141**
- Patent information **197**
- Pause digit entry **59**
- Personalize **142**
- Phone
 - modem **91**
 - off **18**
 - on **18**
 - status **31**
- Phone calls **61**
 - ending **66**
 - from Phonebook **62**
 - from Recent Calls list **63**
 - international calls **65**
 - receiving **66**
 - speed dial **64**
 - Turbo Dial **64**
- Phone Lock **140**
- Phone Setup **139**
- Phonebook **47**
 - capacity **52**
 - CompanionPro **48**
 - making call alerts **96**
 - making calls **62**
 - Private calls **93**
 - storing Recent Calls **68**

- Phonebook entries **50**
 - adding **53**
 - deleting **59**
 - editing **58**
 - sorting **51**
 - viewing **51**
- Plus dialing **60**
- Power button **18**
- Powering phone on or off **18**
- Private calls **93**
 - from Phonebook **93**
 - from Recent Calls list **94**
 - making **93**
 - receiving **94**
 - voice names **95**
- Private ID **93**

R

- Radio frequency **173**
- Ready screen **39**
- Recent Calls **63, 67**
 - deleting **69**
 - details **68**
 - Private calls **94**
 - storing to Phonebook **68**
 - viewing **67**
- Recent Calls list
 - storing numbers from **57**
- Ring styles **139**
- Ring/Vibe **136**

S

- Safety
 - accessory **181**
 - electromagnetic interference **176**
 - medical devices **176**
 - radio frequency **173**

- Scrolling **147**
 - Security **20, 140**
 - Settings **135**
 - In Call Setup **140**
 - Initial Setup **144**
 - Personalize **142**
 - Phone Setup **139**
 - Ring/Vibe **136**
 - Security **140**
 - VoiceVolume **150, 151**
 - Shortcuts **157**
 - creating **157**
 - using **158**
 - SIM card **20, 47**
 - inserting and removing **25**
 - unblocking **23**
 - SIM PIN **20, 141**
 - changing **22**
 - default **21**
 - disabling **24**
 - enabling **24**
 - entering **21**
 - Speed Dial numbers **48, 55, 64**
 - Status light **31, 147**
 - Status messages **171**
 - Status of connection **31**
 - storing numbers
 - Recent Calls list **57**
 - Styles
 - activating **154**
 - creating **153**
 - turning off **155**
 - Swivel Carry Clip **161**
 - Symbols mode, text entry **37**
- T**
- T9 Text Input **33**
 - also see Text entry
 - Talkgroups **100**
 - joining **102**
 - naming **100**
 - Text and numeric messages **88**
 - Text display
 - area **42**
 - size **147**
 - Text entry
 - Alpha mode **34**
 - Numeric mode **37**
 - Symbols mode **37**
 - Word mode **34**
 - Three-Way Calling **74**
 - Time and date format **145**
 - Trademark information **197**
 - Travel Charger **164**
 - TTY devices **91**
 - making calls **65**
 - setting baud rate **149**
 - setting mode **148**
 - Turbo Dial **64**
 - Turning phone on or off **18**
 - Two-way radio, see Private calls
 - Typing text, see Text entry
- U**
- Unblocking SIM PIN **23**
- V**
- Viewing Datebook **112**
 - Voice Activated dialing **95**
 - also see Voice names
 - Voice Mail **86**
 - logging in **87**
 - receiving messages **86**
 - transferring calls to **86**
 - Voice names **49**
 - creating **55, 158**

making calls **95**
Phonebook **55**
shortcuts **158, 159**
Voice Record **69, 125**
 adding **127**
 deleting **128**
 labeling **127**
 locking **128**
 memory **129**
 playing **126**
 recording **126**

W

Warranty **193**
Word mode, text entry **34**

