



MOTOMANUAL

V555 gsм

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V555 GSM wireless phone.



Motorola, Inc.
Consumer Advocacy Office
1307 East Algonquin Road
Schaumburg, IL 60196

1-800-331-6456 (United States)

1-888-390-6456 (TTY/TDD United States for hearing impaired)

1-800-461-4575 (Canada)

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. All other product or service names are the property of their respective owners. © Motorola, Inc., 2005.

The Bluetooth trademarks are owned by their proprietor and used by Motorola, Inc. under license.

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

Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

The information contained in Motorola's user's guides is believed to be correct at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice. The contents of Motorola's user's guides are provided "as is." Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability, or contents of this guide.

Manual Number: 6809493A64-O

Contents

Setting Up Your Phone	45
Storing Your Name and Phone Number	45
Setting the Time and Date	45
Setting a Ring Style	46
Setting Answer Options	46
Setting a Wallpaper Image	47
Setting a Screen Saver Image	48
Setting Display Skin	49
Setting Display Brightness	49
Adjusting the Backlight	49
Setting Display Timeout	49
Conserving Battery Power	49
Calling Features	51
Changing the Active Line	51
Redialing a Number	51
Using Automatic Redial	52
Using Caller ID	52
Canceling an Incoming Call	53
Turning Off a Call Alert	53
Calling an Emergency Number	53
Dialing International Numbers	54
Viewing Recent Calls	54
Returning an Unanswered Call	56
Using the Notepad	56
Attaching a Number	57
Calling With Speed Dial	57
Calling With 1-Touch Dial	58
Using Voicemail	58
Using Call Waiting	60
Putting a Call On Hold	60
Transferring a Call	60

Phone Features	62
Menu Map	62
Feature Quick Reference	64
Troubleshooting	85
Specific Absorption Rate Data	86
Index	88

Getting Started



CAUTION: Before using the phone for the first time, read the *Important Safety and Legal Information* included in the gray-edged pages at the back of this guide.

About This Guide

This guide describes the basic features of your Motorola wireless phone.

Optional Features



This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

Optional Accessories

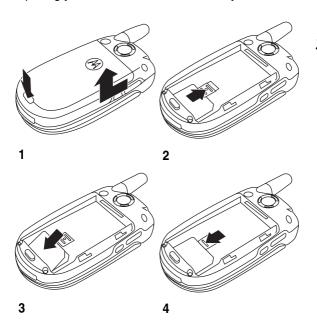


This label identifies a feature that requires an optional Motorola Original™ accessory.

Installing the SIM Card

Your Subscriber Identity Module (SIM) card contains your phone number, service details, and phonebook/message memory.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.



Battery Tips

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

 Always use Motorola Original batteries and battery chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.





- New batteries or batteries stored for a long time may take more time to charge.
 - When charging your battery, keep it near room temperature.
 - When storing your battery, keep it uncharged in a cool, dark, dry place, such as a refrigerator.
- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.



Contact your local recycling center for proper battery disposal.

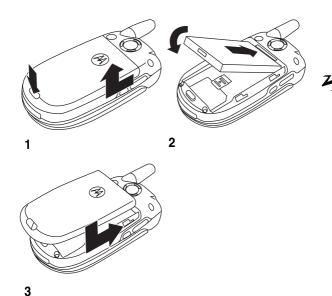
Warning: Never dispose of batteries in a fire because they may explode.

Before using your phone, please read the battery safety information in the *Safety and General Information* section included in this guide.

Installing the Battery



Your phone is designed to use only Motorola Original batteries and accessories.



Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, install and charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

Action

 Plug the travel charger into the bottom of your phone.



- 2 Plug the other end of the travel charger into the appropriate electrical outlet.
- **3** When your phone indicates **Charge Complete**, remove the travel charger.

Tip: You can safely leave the travel charger connected to your phone after charging is complete. This will not damage the battery.

Turning Your Phone On

Action

1 Press and hold for 2 seconds to turn on the phone.



Power Key

- 2 If necessary, enter your SIM card PIN code and press the **OK** key to unlock the SIM card.
 - **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.
- 3 If necessary, enter your 4-digit unlock code and press the **OK** key to unlock the phone.

Adjusting Volume

Press up or down on volume keys to:



- increase or decrease earpiece volume during a call
- · turn off an incoming call alert
- increase or decrease the ringer volume setting when the home screen is visible

Tip: At the lowest volume setting, press the down volume key once to switch to vibrate alert. Press it again to switch to silent alert. Press the up volume key to cycle back to vibrate alert, then ring alert.

Making a Call

Pro	ess	То
1	keypad keys	dial the phone number
2	(>)	make the call
3	<u>ি</u>	end the call and "hang up" the phone when you are finished

Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

Pr	ess	То
1	(3)	answer the call
2	ି ।	end the call and "hang up" the phone when you are finished

Viewing Your Phone Number

To view your phone number from the home screen, press \blacksquare #.

While you are on a call, press **> My Tel. Numbers**.

Note: Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 45. If you do not know your phone number, contact your service provider.

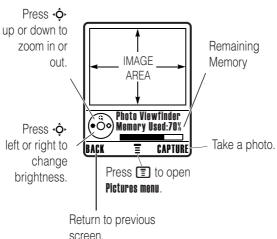
Highlight Features

You can do much more with your phone than make and receive calls! This section describes some of your phone's highlight features.



Taking and Sending a Photo

Press to display the camera viewfinder:



Point the camera lens at the photo subject, then:

Pr	ess	То
1	CAPTURE key	take a photo
2	STORE key	view storage options
		If you choose to store the photo, continue to step 3.
	or	
	DISCARD key	delete the photo and return to the active viewfinder
3	÷	scroll to Send in Message, Store Only, Apply as Wallpaper, Apply as Screen Saver, or Apply as Phonebook Entry
4	SELECT key	perform the storage option of your choice

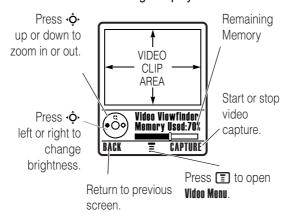
Press to open the **Pictures Menu** when the camera is active. The **Pictures Menu** can include the following options:

Option	Description
Go To Pictures	View pictures and photos stored on your phone.
Auto-Timed Capture	Set a timer for the camera to take a photo.
Pictures Setup	Open the setup menu to adjust picture settings.
View Free Space	See how much memory remains.

Recording Video Clips

To record a video on your phone:

The active viewfinder image displays.



Note: You can only zoom before you start recording. Point the camera lens at the video subject, then:

Pr	ess	То
1	CAPTURE key	start the video
2	STOP key	stop the video





Press		То
3	STORE key	view storage options
		If you choose to store the video, continue to step 4.
	or	
	DISCARD key	delete the video and return to active viewfinder
4	∙Ô∙ up or down	scroll to Send or Store Only
5	SELECT key	select the option

Press \blacksquare to open the **Videos Menu** when the camera is active. The menu can include the following options:

Option	Description
Go To Videos	View videos stored on your phone.
Videos Setup	Open the setup menu to adjust picture and video settings.
	Note: If you set Video Length to Maximum, your network might not let you send the video in an MMS message. If necessary, ask your service provider about limitations.
View Free Space	See how much memory remains.

Sending a Multimedia Message



A Multimedia Messaging Service (MMS) message contains one or more slides with text and media objects (including photos, pictures, animations, sounds, voice records, and/or

video clips). You can send the multimedia message to other wireless phone users, and to email addresses.

Find the Feature



- > Messages > Create Message
- > New Multimedia Msg

Pr	ess	То
1	keypad keys	enter slide text
2	=	open the MMS Menu
3	- Ô	scroll to insert
4	SELECT key	display a list of items you can insert
5	φ̂.	scroll to a type of object to insert
6	SELECT key	select the object type
7	- Ô	highlight the object you want
8	SELECT key	insert the object
		To add another slide to the message, continue.
		To send the message, go to step 14.
9	T	open the MMS Menu to insert a new slide





Press	То
10 ♦	scroll to insert
11 SELECT key	display a list of items you can insert
12 ⋄	scroll to New Page
13 SELECT key	insert a new slide after the current slide
	Repeat steps 1 to 8 to enter contents for the new slide.
14 OK key	store the message
15 ♦	scroll to a Send To option:
	 Highlight [One Time Entry] to enter one or more phone numbers and/or email addresses.
	 Highlight New Phonebook Entry! to enter a number/address and add it to the phonebook. Or highlight an existing phonebook entry.
16 SELECT key	select [One Time Entry] or
10 dillor key	(New Phonebook Entry) and enter a number/address
or	
ADD key	add a phonebook entry to the list of recipients
17 DONE key	store the numbers/addresses

Press	То	
18 ∳	scroll to Subject	Substitution of the substi

	*	Pendent Fedition
19 CHANGE key	select Subject	
20 keypad keys	enter the subject	
21 OK key	store the subject	
22 SEND key	send the message	

Receiving a Multimedia Message

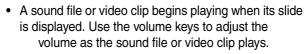


When you receive a multimedia message or letter, your phone displays the ♥ (message waiting) indicator and a New Message notification, and sounds an alert.

Press	То
READ key	open the message

Multimedia messages that you receive can contain different media objects:

 Photos, pictures, and animations are displayed as you read the message.



Note: In a multimedia letter, you may have to highlight an indicator in the text to play a sound file or video clip.

Attached files are added to the end of the message.
 To open the attachment, highlight the file indicator/filename and press the WEW key (image file type),
 PLAY key (sound file or video clip), or OPEN key (object such as phonebook or datebook entry, or unknown file type).

Using the Phonebook

This section briefly describes basic phonebook operations. For more information about using the phonebook, see page 66.

Storing a Phone Number

Enter a phone number in the home screen, then press the **STORE** key to create a phonebook entry with that number. Fill in the other fields to complete the entry.

Select **MORE** to store another number (for example, a work number) under the same Name.

Recording a Voice Name

When creating a phonebook entry, scroll to **Voice Name** and press the **RECORD** key. Press and release the voice key and say the entry's name (within 2 seconds). When prompted,

press and release the voice key and repeat the name. Press the **DONE** key to store the voice name.

Note: This option is not available for entries stored on the SIM card.

Storing a Picture for Caller ID

You can store a picture for a phonebook entry. The picture appears when you receive calls from the entry.

Note: This option is not available for entries stored on the SIM card.

When creating a phonebook entry, scroll to **Picture** and press the **CHANGE** key. Press \diamondsuit to select a picture, and press the **SELECT** key to store it for the entry.

Dialing a Number

Press **> Phonebook** > *entry to call* **.**

Tip: To quickly highlight entries in your **Phonebook** list: If your entries are sorted by Speed No., press an entry's speed number to highlight it. For example, press [] [5] for entry number 15. If your entries are sorted by **Name**, **Voice Name**, or **Email**, enter the first letter of the entry's name to highlight it. For example, press [5] [5] for the first entry that starts with "K".

Voice Dialing a Number

Press and release the voice key, and say the entry's name (within 2 seconds).

Note: To voice dial a phonebook entry you must first record a voice name for the entry (see page 20).

Sorting Phonebook Entries

Press \blacksquare > Phonebook, press \blacksquare > Setup > Sort by, then select whether you want to sort the phonebook list by Name, Speed No., Voice Name, or Email.

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 68.

Viewing Entries By Category

Press \blacksquare > Phonebook, press \blacksquare > Categories, then select whether you want to view All entries, entries in a predefined category (Business, Personal, General, VIPs), or entries in a category you created.

To set the category for a phonebook entry, see page 68.

Setting Picture ID View

Press > Phonebook, press > Setup > View by > Picture.

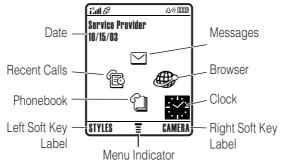
Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

The *home screen* displays when you are *not* on a call or using the menu. You must be in the home screen to dial a phone number.





Press the 5-way navigation key $(\cdot \hat{Q} \cdot)$ left, right, up, or down to select one of the menu feature icons. If you select a menu icon by mistake, press \bigcirc to return to the home screen.

Note: Your home screen may look different from the display shown above. For example, your service provider may hide the menu feature icons to allow a better view of

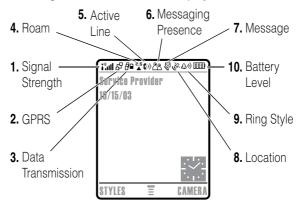
the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide the menu icons, see page 70.

The \blacksquare (menu) indicator indicates that you can press the menu key (\blacksquare) to enter the main menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left or right soft key to perform the function indicated by the left or right soft key label.

Your phone can display an analog or digital clock in the home screen (see page 70).

The following status indicators can display:



1. Signal Strength Indicator

Vertical bars show the strength of the network connection. You cannot make or receive calls when the r^a (no signal) indicator or $r^a \times$ (no transmit) indicator displays.

2. GPRS Indicator



Shows that your phone is using a high-speed General Packet Radio Service (GPRS) network connection. GPRS allows faster data transfer speeds. Indicators can include:

3. Data Transmission Indicator

Shows connection and data transmission status. Indicators can include:

∃
■ = secure packet data transfer

= secure application connection

□ = secure Circuit Switch Data (CSD) call

= Bluetooth® connection

= insecure application connection

□ = insecure CSD call

4. Roam Indicator



Shows when your phone is seeking or using another network outside your home network. Indicators can include:

5. Active Line Indicator





Shows (3) to indicate an active call, or (3) to indicate when call forwarding is on. Icons for dual-line-enabled SIM cards can include:

@1 = line 1 active @2 = line 2 active

②1₹ = line 1 active, call
③2₹ = line 2 active, call

forward on forward on

6. Messaging Presence Indicator



When a Java[™] application is active, a [™] (Java midlet) indicator will display in this location.

7. Message Indicator



Displays when you receive a new message. Indicators can include:

^{ℚ0)} = voicemail and text

message

8. Location Indicator



Your phone may be able to send location information to the network during an emergency call. Indicators show when your phone is sending location information:

9. Ring Style Indicator

Shows the ring style setting.

 $\triangle \circ \rangle = \text{loud ring}$ $\triangle \circ = \text{soft ring}$

閉 = vibrate かる = vibrate and ring

೨೬ = silent

10. Battery Level Indicator

Vertical bars show the battery charge level. Recharge the battery when **Low Battery** displays and the battery alert sounds.

Using the 5-Way Navigation Key



Use the 5-way navigation key $(\cdot \hat{\diamondsuit} \cdot)$ to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings, and

play games. Press the center select button to select a highlighted menu item.

Using Menus

From the home screen, press 🔳 to enter the main menu.



Press •Ô• to scroll to and highlight a menu feature icon in the main menu. The following icons represent features that may display in the main menu, depending on your service provider and service subscription options.

lcon	Feature	lcon	Feature
±	Games & Apps		Multimedia
4	Office Tools		Settings

lcon	Feature	lcon	Feature
4	Phonebook	€	Web Access
\subseteq	Messages	٦	Recent Calls

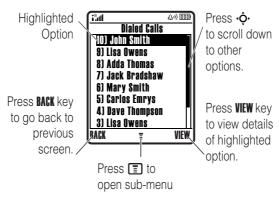
Selecting a Menu Feature

To select a menu feature, starting from the home screen:

This example shows that from the home screen, you must press \boxdot , scroll to and select e Recent Calls from the main menu, then scroll to and select Dialed Calls. Press $\cdot \mathring{\varphi} \cdot$ to scroll, and the left/right soft keys to select the functions displayed in the bottom left and right corners of the display.

Selecting a Feature Option

Some features require you to select an option from a list:





Press <.p>
• to scroll up or down to highlight the option you want.

In a numbered list, press a number key to highlight the option.

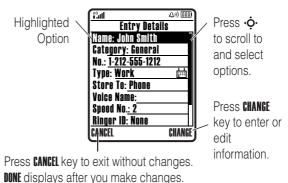
In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.

When an option has a list of possible values, press �� left or right to scroll through and select a value.

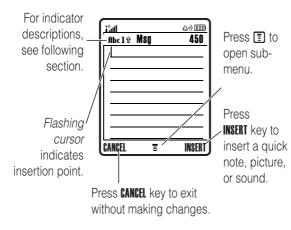
When an option has a list of possible numeric values, press a number key to set the value.

Entering Text

Some features require you to enter information.



The message center lets you compose and send text messages. A *Character Counter* indicates how many more characters will fit in the message.





Choosing a Text Entry Mode

Multiple text entry modes make it easy for you to enter names, numbers, and messages. The mode you select remains active until you select another mode.

Press # in any text entry screen to select one of the following entry modes:

Primary The primary text entry mode (see

below to set).

Numeric Enter numbers only (see page

38).

Symbol Enter symbols only (see page 38).

Secondary The secondary text entry mode

(see below to set).

Alternatively, you can select a text entry mode in any text entry screen by pressing **()** > Entry Mode.

Setting Up a Text Entry Mode

Press > Entry Setup from any text entry screen. Select Primary Setup or Secondary Setup, and choose:

ITAP Let the phone predict each word

as you press keys (see page 36).

Tap Enter letters and numbers by

pressing a key one or more times.

Tap Extended Enter letters, numbers, and

symbols by pressing a key one or

more times.

None Hide the Secondary setting (only

available for Secondary Setup).

Using Capitalization

Press ① in any text entry screen to change text case. The following indicators show capitalization status:

abc = no capital letters Abc = capitalize next

letter only

ABC = all capital letters

Text Entry Mode Indicators

When you select the **Primary** or **Secondary** text entry mode, the following indicators identify the text entry setting:

Primary	Second.	
1	2	Tap, no capital letters
lû	2 îr	Tap, capitalize next letter only
l †	21	Tap, all capital letters
釭	20	iTAP, no capital letters
迎	迎	iTAP, capitalize next letter only
11th	24	iTAP, all capital letters



The following indicators identify Numeric or Symbol entry mode:

123 = numeric mode @ = symbol mode

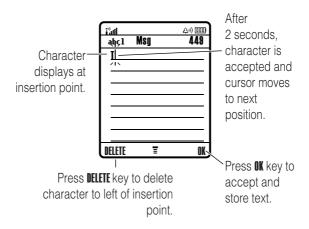
Using Tap Mode

This is the standard mode for entering text on your phone. Tap mode cycles through the letters and number of the key you press. Tap Extended mode also cycles through additional symbols as shown in the chart on page 35.

Press		То	
1	A keypad key one or more times	select a letter, number, or symbol	
2	keypad keys	enter remaining characters.	
		Tip: Press · . right to accept a word completion, or ★ to insert a space.	
3	OK kev	store the text	

In a text entry screen, you can press # to switch entry modes. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 32.

When you enter text with **Tap** or **Tap Extended** mode, the soft key functions change.



When you enter 3 or more characters in a row, your phone may guess the rest of the word. For example, if you enter prog you might see:





If you want a different word (such as **progress**), continue pressing keypad keys to enter the remaining characters.

Character Chart

Use this chart as a guide for entering characters with **Tap Extended** mode.

1	.?!,@':;()&"~10;;%£\$¥¤€ +x*/\[]=><#§
2	a b c 2 á à â ã ç æ
3	d e f 3 é è ê ë
4	ghi4íîï
[5]	jkl5
6	mno6ñóòôõœ
7	pqrs7
8	tuv8úùûü
9	w x y z 9

0	change text case, for capital letters	
*	enter a space (hold to enter a return)	
#	change text entry mode (hold for default)	

Note: This chart may not reflect the exact character set available on your phone. In an email address or URL editor, first shows common characters for that editor.

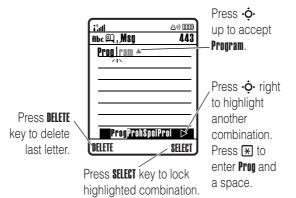
Tap Mode Text Entry Rules

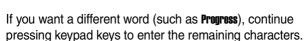
- Press a keypad key repeatedly to cycle through its characters.
- Press • left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalized. If necessary, press ·o. down to force the character to lowercase before the cursor moves to the next position.
- If you enter or edit information and do not want to save the changes, press to exit without saving.

Using iTAP® Mode

iTAP software provides a predictive text entry mode that lets you enter a word using one keypress per letter. This can be faster than **Tap** mode, because your phone combines the keypresses into common words.

For example, if you press 7764, letter combinations that match your key presses display:



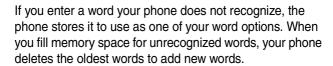


Entering Words

In a text entry screen, you can press ## to switch entry modes. An indicator shows which mode is active (see page 33). If ITAP mode is not available as the **Primary** or **Secondary** entry mode, see page 32.

Pr	ess	То
1	keypad keys (1 press per letter)	show possible letter combinations at the bottom of the display
2	-ộ- left or right	highlight the combination you want

Press	То
3 SELECT key	lock a highlighted combination
	You can press keypad keys to add more letters to the end of the combination.
or	
*	enter the highlighted combination when it spells a word
	A space is automatically inserted after the word.



Using Numeric Mode

In a text entry screen, press # to switch entry modes until the 123 (numeric) indicator displays.

Press keypad keys to enter the numbers you want. When you finish entering numbers, press # to switch to another entry mode.

Using Symbol Mode

In a text entry screen, press # to switch entry modes until the @ (symbol) indicator displays.

Pr	Press To	
1	keypad keys (one press per symbol)	show possible symbol combinations at the bottom of the display
2	-ộ∙ left or right	highlight the combination you want
3	SELECT key	lock a highlighted combination
		You can press keypad keys to add more symbols to the end of the combination.
	or	
	$\overline{*}$	enter the highlighted combination



Symbol Chart

Use this chart as a guide for entering characters with symbol mode.

	.?!,@':;()&"~10¿;%£\$¥¤€ +x*/\[]=><#§
2	@ _\aß
3	/:;dDejF
4	" & ' g G h i
3	()[]{}kIL
6	¿¡∼mnwW
7	<>= p P r s S
8	\$£¥¤€qQtu

9	# % * z x X c y Y	
0	+ - x * / = > < # §	
*	enter a space (hold to enter a return)	
#	change text entry mode (hold for default)	

Note: This chart may not reflect the exact character set available on your phone. In an email address or URL editor, first shows common characters for that editor.

Deleting Letters and Words

Place the cursor to the right of the text you want to delete, and then:

Action

Press the **DELETE** key to delete one letter at a time.

Hold the DELETE key to delete all the text.

Using the Smart Key

The smart key (see the diagram on page 1) gives you another way to perform many basic phone functions. It anticipates the next action you are likely to perform. For example, when you highlight a menu item, you can press the smart key to select it. The smart key usually performs the same function as the right soft key.

Using the External Display

When the flip is closed, the external display shows time and phone status information. It also displays messages to notify you of incoming calls and other events. See page 23 for descriptions of the status indicators that may appear in the external display.

Note: You cannot make or receive calls when the phone is closed unless you attach a headset.

Using the Handsfree Speaker

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

When you activate your phone's built-in handsfree speaker, you can talk to the other party without holding the phone to your ear.

Press the SPEAKER key to turn the handsfree speaker on or off during a call.

When you turn the handsfree speaker on, your phone displays Speaker On in the home screen. The handsfree speaker remains on until you press the SPEAKER key again or turn the phone off.

Note: The handsfree speaker is disabled when you connect your phone to a handsfree car kit or headset accessory.

Changing a Code, PIN, or **Password**

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000.



Your service provider may reset these codes before you receive your phone.

If your service provider has not reset these codes, we recommend that you change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, or PIN2 code if necessary.

To change a code or password:

Find the Feature

> Settings > Security

> New Passwords

Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, but you must unlock it to answer.

You can make emergency calls on your phone even when it is locked (see page 53).

Locking Your Phone Manually

Find the Feature



> Settings > Security

> Phone Lock > Lock Now

Press		То
1	keypad keys	enter your unlock code
2	OK key	lock the phone

Unlocking Your Phone

Your phone's unlock code is originally set to 1234. Your service provider may reset the unlock code to the last 4 digits of your phone number.

At the **Enter Unlock Code** prompt:

Press		То
1	keypad keys	enter your unlock code
2	OK key	unlock your phone

Setting Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off:

Find the Feature	\blacksquare	> Settings > Security
		> Phone Lock

> Automatic Lock > On

Press		То	
1	keypad keys	enter your unlock code	
2	OK key	activate automatic lock	



If You Forget a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset the unlock code to the last 4 digits of your phone number before you receive your phone.



If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, at the **Enter Unlock Code** prompt:

Press		То	
1	=	display the unlock code	
		bypass screen	
2	keypad keys	enter your security code	
3	OK key	submit your security code	

If you forget your security code, SIM card PIN code, or PIN2 code, contact your service provider.

Setting Up Your Phone

Storing Your Name and Phone Number



To store or edit your name and phone number information on your SIM card:

Find the Feature

> Settings > Phone Status

> My Tel. Numbers

Shortcut: Press **#** from the home screen to edit your name and phone number.

If you do not know your phone number, contact your service provider.

Setting the Time and Date

Your phone uses the time and date for the **Datebook**. To change the time or date on your phone.

Find the Feature



> Settings > Initial Setup

> Time and Date

> time or date



If you see an **Autoupdate** option under **Time and Date**, you can select **Autoupdate** > **On** to have the network update your phone's time and date automatically.

Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.

You can select one of five different ring styles. The ring style indicator in the display shows the current ring style (see page 26).

To set a ring style:

Find the Feature Settings > Ring Styles > Style

Press		То
1	ộ ٠	scroll to the ring style
2	SELECT key	select the ring style

Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press > Settings > Ring Styles > style Detail.

Setting Answer Options

You can activate additional modes for answering calls:

Option	Description
Multi-key	answer by pressing any key
Open to Answer	answer by opening the phone

Setting a Wallpaper Image

You can set a photo, picture, or animation as a wallpaper (background) image in your phone's home screen. The wallpaper image appears as a faint watermark in text and menu displays.

Find the Feature



> Settings > Personalize

> Wallpaper

Pr	ess	То
1	-Ô·	scroll to Picture
2	CHANGE key	open the picture viewer
3	-ộ∙ up or down	scroll to a picture/animation
		Scroll to (None) to turn off the wallpaper image.
4	SELECT key	select the image
5	-Ô·	scroll to Layout
6	CHANGE key	adjust the image layout
7	.	scroll to Center , Tile , or Fit-to- screen
		Center places the image in the center of the display.
		Tile fills the display with multiple copies of the image.
		Fit-to-screen resizes the image, if necessary, to fit the display.
8	SELECT key	confirm the layout setting
9	BACK key	save wallpaper settings



Setting a Screen Saver Image

Set a photo, picture, or animation as a screen saver image.

The screen saver image displays when the phone is on and no activity is detected for a specified time. The image shrinks to fill the display, if necessary. An animation repeats for 1 minute, then the first frame of the animation displays.

Tip: Turn off the screen saver to extend battery life.

Find the Feature



> Settings > Personalize

> Screen Saver



ess	То
-Ô·	scroll to Picture
CHANGE key	open the picture viewer
-Ô∙ up or down	scroll to a picture/animation
	Scroll to (None) to turn off the screen saver image.
SELECT key	select the image
-Ô·	scroll to Delay
CHANGE key	set the delay interval
- ¢	scroll to the inactivity interval that triggers the screen saver
SELECT key	confirm the delay setting
BACK key	save the screen saver settings
	• • • • • • • • • • • • • • • • • • •

Setting Display Skin

Change the look and feel of your phone's display by selecting a different skin setting.

Find the Feature

= > **8**

> Skin

> Settings > Personalize

Setting Display Brightness

Find the Feature

> Settings > Initial Setup

> Brightness

Adjusting the Backlight

Set the amount of time that the display and keypad backlights remain on.

Find the Feature



> Settings > Initial Setup

> Backlight

Setting Display Timeout

Set the display to turn itself off when no activity is detected for a specified time.

Find the Feature



> Settings > Initial Setup

> Display Timeout

Conserving Battery Power

Some networks and phones include a battery save setting to extend battery life. When this feature is activated, your



phone automatically turns off the keypad backlight when it detects that enough ambient light is available.

Find the Feature



> Settings > Initial Setup

> Battery Save



Calling Features

For basic instructions on how to make and answer calls, see page 11.

Changing the Active Line



Change the active phone line to make and receive calls from your other phone number.

Note: This feature is available only for dual-line-enabled SIM cards.

Find the Feature

> Settings > Phone Status > Active Line

Tip: The active line indicator in the display shows the currently active phone line (see page 25).

Redialing a Number

Press	То
1 🕟	view the dialed calls list
2 ·ộ·	scroll to the entry you want to call
3 💿	redial the number



Using Automatic Redial



When you receive a busy signal, your phone displays **Number Busy**.

To redial the phone number:

Press	То
or retry key	activate automatic redial

Your phone automatically redials the number. When the call goes through, your phone rings or vibrates one time, displays **Redial Successful**, and then connects the call.

Using Caller ID

Incoming Calls



Calling line identification (Caller ID) displays the phone number for incoming calls in your phone's display.

The phone displays the caller's name (and picture, if available) when the name is stored in your phonebook, or **Incoming Call** when caller ID information is not available.

Note: Caller ID requires additional service through your local phone company. Check with your local phone company for availability.

Outgoing Calls



You can show or hide your phone number as an ID for the calls that you make.

Shortcut: While dialing (with digits visible in the display), press 🔳 > **Hide ID/Show ID**.

Canceling an Incoming Call

While the phone is ringing or vibrating:

Press	То
ি	cancel the incoming call



Depending on your phone settings and/or service subscription, the call may be forwarded to another number, or the caller may hear a busy signal.

Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press	То
either volume key	turn off the alert

Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.





Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Press		То
1	keypad keys	dial the emergency number
2	()	call the emergency number

Dialing International Numbers

Press and hold ① to insert the local international access code (+) for the country from which you are calling.

Viewing Recent Calls

Your phone keeps lists of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new entries are added.

Shortcut: Press from the home screen to view the dialed calls list.

Press		То
1	٠	scroll to Received Calls or
		Dialed Calls
2	SELECT key	select the list

Press		То
3	-Ô·	scroll to an entry
		\checkmark means the call connected.
4	(3)	call the entry's number
		Press and hold (a) for 2 seconds to send the number as DTMF tones during a call.
	or	
	VIEW key	view entry details
	or	
	.	open the Last Calls Menu to perform various operations on the entry

The Last Calls Menu can include the following options:

Option	Description
Store	Create a phonebook entry with the number in the No. field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the Io field.
Add Digits	Add digits after the number.



Option	Description
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones.
	Note: This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 76).

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls, and displays:

X Missed Calls, where X is the number of missed calls

Pr	ess	То
1	VIEW key	see the received calls list
2	٠Ô٠	select a call to return
3	(3)	make the call

Using the Notepad

The most recent set of digits entered on the keypad are stored in your phone's notepad memory. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find the Feature



> Recent Calls > Notepad

Press	То
0	call the number
or	
	open the Dialing Menu to attach a
or	number or insert a special character
STORE key	create a phonebook entry with the number in the No. field

Attaching a Number

While dialing (with digits visible in the display):

Press	То
■ > Attach Number	attach a number from the phonebook or recent calls lists

Calling With Speed Dial

Each entry you store in your phonebook is assigned a unique speed dial number.

To see an entry's speed dial number, press

T > **Phonebook**, scroll to the entry, press **VIEW** key.

To speed dial a phonebook entry:

Pr	ess	То
1	keypad keys	enter the speed dial number
		for the entry you want to call



Pr	ess	То
2	#	submit the number
3	()	call the entry

Calling With 1-Touch Dial

To call phonebook entries 1 through 9, press and hold the single-digit speed dial number for one second.

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook or SIM card phonebook (see page 69).

Using Voicemail



Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.

Your service provider may include additional information about using this feature.

Listening to Voicemail Messages

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the (voicemail message) indicator and a **New Voicemail** notification.

Press	То
CALL key	listen to the message

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Storing Your Voicemail Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

Find the Feature (II) > Messages (II) > Voicemail Setup

Pr	ess	То
1	keypad keys	enter your voicemail number
2	OK key	store the number

You cannot store a p (pause), w (wait), or n (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail.



Using Call Waiting



When you are on a call, an alert tone sounds to indicate that you have received a second call.

Pr	ess	То
1	()	answer the new call
2	SWITCH key	switch between calls
	or	
	LINK key	connect the 2 calls
	or	
	= > End Call On Hold	end the call on hold

You must turn on call waiting to use the feature. To turn call waiting on or off:

Find the Feature

F

> Settings > In-Call Setup

> Call Waiting

Putting a Call On Hold

Press	То
₮ > Hold	put the call on hold

Transferring a Call



You can announce that you are transferring an active call to another party, or you can directly transfer the call.

Announce the Call Transfer

1 keypad keys dial the number where you are transferring the call	u
2 (all the number and spea	k to
the person who answers	
3 open the menu	
4 · � scroll to Transfer	
5 SELECT key select Transfer	
6 OK key confirm the transfer	

Do Not Announce the Call Transfer

Pr	ess	То
1	keypad keys	dial the number where you are transferring the call
2	()	transfer the call



Phone Features

Menu Map

Main Menu



Phonebook



- Received Call
 Dialed Calls
- Notepad
- Notepad
 Call Times
- Call Cost *
- Data Times
- Data Volumes



- Create Message
- Email Msgs
- Message Inbox
- Voicemail
- Browser Msgs
- Info Services *
- Quick Notes
- Outbox
 Drafts
- MMS Templates



- SIM Tool Kit Apps *
- Calculator
- Datebook
- ShortcutsVoice Records
- Alarm Clock
 - Dialing Services
 - Fixed Dial
 Fixed Dial
 - Service Dial *
 Quick Dial *
- Chat



Games & Apps



Web Access

- Browser
- Web Shortcuts
- Stored Pages
- HistoryGo To URL
- Browser Setup
- Web Sessions



Multimedia

- Themes
- Camera
- Pictures
- Sounds
- MotoMixerVideos



Settings

- (see next page)
- * optional features

This is the standard main menu layout. Menu organization and feature names may vary on your phone. Not all features may be available on your phone.



Settings Menu



Personalize

- Home Screen Main Menu
- Skin
- Greeting Wallpaper
- Screen Saver
 - Quick Dial



Ring Styles

- Style
- style Detail



Connection

- Bluetooth Link
 - Svnc



G⇔ Call Forward

- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Forward Status



In-Call Setup

- In-Call Timer
 - Call Cost Setup *
- My Caller ID
- Talk and Fax
- Answer Options
- Call Waiting



Initial Setup

- Time and Date
- 1-Touch Dial
- Display Timeout
- Backlight
- TTY Setup
- Scroll
- Language
- Battery Save
 - Brightness
- DTMF
- Master Reset
- Master Clear



Phone Status

- · My Tel. Numbers
- Credit Info/Available *
- Active Line *
- Battery Meter
- Other Information



⋒ Headset

- Auto Answer
- Voice Dial



Car Settings

- Auto Answer Auto Handsfree
- Power-off Delay
- Charger Time



New Network

Network

- Network Setup
- Available Networks
- My Network List
- Service Tone
- Call Drop Tone



Security

- Phone Lock
 - Lock Application
 - Fixed Dial
 - Restrict Calls
 - SIM PIN
 - New Passwords
 - Certificate Mgmt



Java Settings

- Java System
- Delete All Apps
- App Vibration App Volume
- App Priority
 - App Backlight Set Standby App
- DNS IP
- * optional features



Feature Quick Reference

This section helps you locate features on your phone that are not described in this guide.

Calling Features

Feature	Description	
Conference	During a call:	WOK Subscille
Call	■ > Hold, dial next number, press ②, press the LINK key	Z Company February
Call	Set up or cancel call	NICK I Subscribing
Forwarding	forwarding:	
	Settings > Call Forward	OBIL V
Restrict Calls	Restrict outgoing or	MoK I Subsc
	incoming calls:	
	> Settings > Security	Sendent Feel
	> Restrict Calls	
TTY Calls	Set up your phone for use with an optional TTY device:	Optional Accessory
	> Settings > Initial Setup > TTY Setup	



Messages

Feature	Description	
Send Text	Send a text message:	SHOTK I SUBSCIE
Message	Nessages	
	> Create Message	endent Fee
	> New Short Msg	
Send	Send a multimedia	SHOTK I SUBSCIE
Multimedia	message:	
Message	Nessages	bendent Felill
	> Create Message > New Multime	dia Msg
Send Letter	Send a multimedia letter:	Supork / Subscribe
	■ > Messages	
	> Create Message > New Letter	Pondent Feet
Use MMS	Open an MMS template	SHOTK / Subscribe
Template	with preloaded media:	
	= > Messages	Sendent Feel
	> Create Message > MMS Templat	ies
Read Message	Read a new text or	anotk 1Subscribili
	multimedia message that	
	you have received:	Pondent Feb.
	Press the READ key.	
Store Message	Go to a multimedia	SHOTK / Subscribe
Objects	message slide, or	
	highlight an object in a	Photent February
	letter, then:	
	■ > Store	



Email

Feature	Description	
Send Email	Send an email message:	SHOTH I SUBSCITED
Message	> Messages > Create Message > New Email	N Day naent Feb.
Read Email Message	Read a new email message that you have received:	Spandent February
	Press the READ key.	

Phonebook

Feature	Description
Create Entry	Create a new phonebook entry:
	₹ > Phonebook
	■ > New
	> Phone Number or Email Address
Create Group Mailing List	Create a group mailing list as a phonebook entry:
	₹ > Phonebook
	■ > New > Mailing List
Dial Number	Call a number stored in the phonebook:
	> Phonebook, highlight the phonebook entry, press to call



Feature	Description	
Voice Dial Number	Voice dial a number stored in the phonebook:	
	Press and release the voice key, and say the entry's name (within 2 seconds).	
Set Ringer ID for Entry	Assign a distinctive ringer alert to a phonebook entry:	
	T > Phonebook > <i>entry</i>	
	> Edit > Ringer ID > ringer name	
	Note: The Ringer ID option is not available for entries stored on the SIM card.	
Set Picture ID		
for Entry	Assign a picture to display when you receive calls from an entry:	
_	1	
_	you receive calls from an entry:	



Feature	Description
Set Category for Entry	Set the category for a phonebook entry:
	▼ > Phonebook > entry
	> Edit > Category
	Note: The Category option is not available for entries stored on the SIM card.
Set Picture ID View	View phonebook entries as text list, or with picture caller ID photos:
	₹ > Phonebook
	T > Setup > View by > view
	Note: The Picture option is not available for entries stored on the SIM card.
Sort Phonebook	Set the order in which phonebook entries are listed:
List	₹ > Phonebook
	3 > Setup > Sort by > <i>sort order</i>
Set Primary Number	Set the primary number for a phonebook entry with multiple numbers:
	■ > Phonebook, scroll to entry, press ■ > Set Primary > phone number



Feature	Description
Copy Phonebook Entry to	Copy a phonebook entry to another phone, computer, or device:
Another Device	T > Phonebook , highlight the entry, press T > Send > Bluetooth
1-Touch Dial	Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook:
	> Settings > Initial Setup > 1-Touch Dial

Personalizing Features

Feature	Description
Ring Style	Change the ring alert for an event:
	> Settings > Ring Styles > style Detail > event name
Ringer IDs	Activate distinctive ring alerts assigned to phonebook entries:
	style Detail > Ring Styles > style Detail > Ringer IDs
Ring Volume	Set ringer volume:
	> Settings > Ring Styles > style Detail > Ring Volume
Keypad	Set keypad keypress volume:
Volume	> Settings > Ring Styles > style Detail > Key Volume



Feature	Description
Clock View	Display an analog clock or digital time readout in the home screen:
	■ > Settings > Personalize > Home Screen > Clock
Menu View	Display the main menu as graphic icons or as a text-based list:
	■ > Settings > Personalize > Main Menu > View
Main Menu	Reorder your phone's main menu:
	> Settings > Personalize > Main Menu > Reorder
Show or Hide	Show or hide menu feature icons
Menu Icons	in the home screen:
	⋾ > Settings > Personalize
	> Home Screen > Home Keys > Icons
Change Home	Change soft key labels, smart key
Screen Keys & Icons	function, and menu feature icons in the home screen:
ICOIIS	
	> Home Screen > Home Keys
Shortcuts	Create a shortcut to a menu item:
	Highlight the menu item, then press and hold 📳.
	Select a shortcut:
	> Office Tools > Shortcuts > shortcut name



Menu Features

Feature	Description
Language	Set menu language:
	oxtimes > Settings > Initial Setup > Language
Master Reset	Reset all options except unlock code, security code, and lifetime timer:
	Settings > Initial SetupMaster Reset
Master Clear	Reset all options except unlock code, security code, and lifetime timer, and clear all user settings and entries except SIM card information:
	Settings > Initial Setup Master Clear



Dialing Features

Feature	Description
Fixed Dial	When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.
	Turn fixed dialing on or off:
	⋾ > Settings > Security > Fixed Dial
	Use the fixed dial list:
	 > Office Tools > Dialing Services> Fixed Dial
Service Dial	Dial service phone numbers:
	> Office Tools > Dialing Services > Service Dial



Feature	Description
Quick Dial	Your service provider may program your phone with one or more quick dial numbers, such as the customer service number.
	Dial preprogrammed phone numbers:
	 > Office Tools > Dialing Services > Quick Dial
DTMF Tones	Activate DTMF tones:
	■ > Settings > Initial Setup > DTMF
	Send DTMF tones during a call:
	Press number keys.
	Send stored numbers as DTMF tones during a call:
	Highlight a number in the phonebook or recent calls lists, then press

Call Monitoring

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing a. This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of

time for which you are billed by your service provider. For billing information, contact your service provider.

Feature	Description
Call Times	View call timers:
	■ > Recent Calls > Call Times
In-Call Timer	Display time information during a call:
	■ > Settings > In-Call Setup > In-Call Timer
Call Cost	View call cost information:
	■ > Recent Calls > Call Cost

Handsfree Features

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Feature	Description
Speaker- phone	Activate the speakerphone during a call:
	Press the SPEAKER key (if available) or 3 > Spkrphone On .
Auto Answer	Automatically answer
(car kit or headset)	to a car kit or headset: Calls when connected
,	■ > Settings > Car Settings
	or Headset > Auto Answer
Voice Dial	Enable voice dial with
(headset)	headset send/end key:
	Settings > Headset Accessory > Voice Dial
Auto	Automatically route
Handsfree	calls to a car kit when connected:
(car kit)	Accessory
	Settings > Car SettingsAuto Handsfree



Feature	Description
Power-Off Delay (car kit)	Set the phone to stay on for a specified time after the ignition is
(our rat)	switched off:
	■ > Settings > Car Settings > Power- off Delay
Charger Time	Charge the phone for a
(car kit)	specified time after the ignition is switched off: Optional Accessory
	Settings > Car SettingsCharger Time

Data and Fax Calls

Feature	Description	
Send Data or Fax	Connect your phone to the device, then place the call through the device application.	Optional Accessory
Receive Data or Fax	Connect your phone to the device, then answer the call through the device application.	Optional Accessory
Talk Then Fax	Connect your phone to the device, enter the number, then press > Talk Then Fax (*) to make the call.	Optional Accessory



Bluetooth® Wireless Connections

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Feature Make Phone Visible to Other Device	Allow an unknown Bluetooth device to discover your phone: Settings > Connection > Bluetooth Link > Setup > Find Me
	Tip: After the first connection, you do not need to select Find Me to reconnect.
Connect to a Handsfree Device	Connect to a handsfree device: Settings > Connection Optional Accessory
Connect to a Handsfree Device During a Call	Switch to a headset or car kit during a call: Switch to a headset or car kit during a call: Optional Accessory Optional Accessor
Disconnect From Device	Disconnect from a device: Highlight the device name and press the DROP key.



Feature	Description	
Edit Device Properties	Edit the properties of a recognized device:	
	Highlight the device name and press [] > Edit.	Optional Accessory
Set Bluetooth Options	Set your phone's Bluetooth options:	
	Settings > ConnectionBluetooth Link > Setup	Optional Accessory

Network Features

Feature	Description	
Network	View network information	Work I Subscribe
Settings	and adjust network	
	settings:	Sendent Fedur
	> Settings > Network	



Personal Organizer Features

Feature	Description
Create	Create a new datebook event:
Datebook Event	■ > Office Tools > Datebook, highlight the day, press the center select button, press ■ > New
View or Edit	View or edit event details:
Datebook	
Event	The day, press the center select button, press the VIEW key
Event	View event reminder:
Reminder	VIEW key
	Close event reminder:
	BACK key
Copy Datebook	Copy a datebook event to another phone, computer, or device:
Event to Another Device	> Office Tools > Datebook, highlight the day, press the center select button, highlight the event, press > Send > Bluetooth
Set Alarm	Set an alarm:
	■ > Office Tools > Alarm Clock
Turn Off Alarm	Turn off alarm:
	Press the DISABLE key or 3 .
	Set 8-minute delay:
	Press the \$N00ZE key.



Footuro	Description
Feature Create Voice	Description Create a voice record:
Record	Press and hold voice key, speak into the phone, release voice key.
	Note: Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations. Always obey the laws and regulations on the use of this feature.
Play Voice	Play back a voice record:
Record	> Office Tools > Voice Records > voice record
Calculator	Calculate numbers:
	■ > Office Tools > Calculator
Currency	Convert currency:
Converter	■ > Office Tools > Calculator
	⋾ > Exchange Rate
	Enter exchange rate, press the OK key, enter amount, and press S > Convert Currency .



Security

Feature	Description
SIM PIN	Lock or unlock the SIM card:
	■ > Settings > Security > SIM PIN
	Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays SIM Blocked.
Lock	Lock phone applications:
Application	■ > Settings > Security
	> Lock Application
Certificate Management	Certificates let your phone verify the identity and security of Web sites when you download files or share information.
	Enable or disable security certificates stored on your phone:
	Settings > Security Certificate Mgmt



News and Entertainment

E	Description
Feature	Description
Launch Micro-	Start a micro-browser
Browser	session:
	Press .
Download	Download a picture,
Objects from	sound, or phone theme
Web Page	from a Web page:
	Highlight the file, press the
	SELECT key, press the STORE key.
	Normal airtime and/or carrier
	usage charges apply.
Web Sessions	Select or create a Web
	session:
	> Web Access
	> Web Sessions
Apply Phone	Apply a grouped set of
Theme	image and sound files to
	your phone:
	= > Multimedia > Themes > theme



Footure	Description
Feature Download Game or Application	Description Download a Java [™] game or application with the micro-browser:
	Press (1964), highlight the application, press the SELECT key, press the DWNLDAD key.
	Normal airtime and/or carrier usage charges apply.
Launch Game or Application	Launch a Java™ game or application:
	SELECT key
Manage Pictures	Manage pictures and animations:
	= > Multimedia > Pictures
Manage Sounds	Manage ring tones, sounds that you have composed or downloaded:
	■ > Multimedia > Sounds
Manage Video	Manage video clips:
Clips	> Multimedia > Videos
Edit Sounds	Edit MIDI-based sound files that
With	you can use with your phone:
MotoMixer	Nultimedia > MotoMixer > [New Mix] or mix file name



Feature	Description
Create Ring Tones	Create ring tones that you can use with your phone:
	> Multimedia > Sounds > [New iMelody]
Camera	Adjust light level and other settings for the built-in camera:
	> Pictures Setup

Troubleshooting

If you have questions or need assistance, we're here to help.

Go to www.motorola.com/consumer/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).



Specific Absorption Rate Data

This model wireless phone meets 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 limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. 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 or 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 and by the Canadian regulatory authorities is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada 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, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.40 W/kg, and when worn on the body, as

described in this user guide, is 0.57 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.41 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).²

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

http://www.phonefacts.net

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

http://www.cwta.ca

- 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.
- The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Index

A	installing 8
accessories 6, 64 accessory connector port 1 active line indicator 25 active line, changing 51 alarm clock 79	level indicator 27 battery save 49 Bluetooth 69, 77, 79 brightness, setting 49 browser. See micro-browser
alert	С
creating 84 defined 46	calculator 80
setting 11, 46, 69	call
turning off 11, 53 animation downloading 82 screen saver 48 viewing 83 wallpaper 47 answering a call 12, 46 application, locking and unlocking 81 automatic redial 52	alert, turning off 11, 53 answer options 46 answering 12 call waiting 60 costs 74 dialed calls list 54 dialing 11 emergency number 53 ending 11 forwarding 64
	handsfree speaker 41
В	hold 60
backlight 49 battery charging 9 extending battery life 7, 49	international access code 54 making 11 received calls list 54 receiving 12 restricting 64

ring style 11, 46, 69	D
speakerphone 75 timers 74 transferring 60 unanswered call 56 Call Failed, Number Busy message 52 call waiting 60 caller ID 14, 22, 52, 68 calling line identification. See caller ID camera settings 84 taking a photo 13 category phonebook entry 68 center select button 27 certificates 81 character chart 35 clock selecting analog or digital	data call 76 date, setting 45 datebook 79 dialed calls list 54 dialing a number 11, 72, 73 display backlight 49 brightness 49 color 49 description 23 home screen 23 language 71 personalizing 70 skin 49 timeout 49 distinctive ringer alert 69 DTMF tones activating 73 sending 73
setting 45 codes changing 41 default 41, 44 forgetting 44 color, setting 49 conference call 64 customizing the menu 70	earpiece volume 11 email 66 emergency number 53 end key 1 ending a call 11 Enter Unlock Code message 43 external display 40

F	location 26
fax call 76 5-way navigation key 1, 27 fixed dial 72 forwarding calls 64	message 26 message waiting 19 messaging presence 26 ring style 26 roam 25
G	signal strength 24
games 83 GPRS indicator 24 groove tunes 83	text case 33 text entry mode 26, 33 transmission 25 voicemail message 26,
Н	59 international access code
handsfree speaker 41 headset jack 1 hold a call 60 home keys, personalizing 70 home screen defined 23 selecting clock view 70	iTAP software 36 J Java applications 83 Java midlet indicator 26 joystick 1
incoming call answering 12 forwarding 64 Incoming Call message 52 indicators active line 25 battery level 27 GPRS 24 Java midlet 26	key center select button 27 end 1 5-way navigation 1, 27 left soft key 1, 24, 70 menu 1 power 1 right soft key 1, 24, 70 send 1

smart 40	icons, showing or hiding
voice 1	70
volume control 1, 11	language, setting 71
keypad	personalizing 70
answering calls 46	rearranging features 70
volume, setting 69	using 28
-	view, changing 70
L	menu key 1
language, setting 71	message
left soft key	MMS template 65
functions 1, 24	MMS, defined 17
personalizing 70	multimedia letter 65
line, changing 51	multimedia message 65
location indicator 26	reading 65
lock	text 65
application 81	message indicator 26
phone 42	message waiting indicator
SIM card 81	19
Low Battery message 27	messaging presence
, 3	indicator 26
M	micro-browser
making a call 11	browser setup 82
master clear 71	certificates 81
master reset 71	Java applications 83
menu	using 82
entering text 30	Web sessions 82
icons, changing in home	MMS template 65
screen 70	MMS. See message
icons, converting to text	MotoMixer 83
70	multimedia letter, sending 65
	multimedia message

receiving 19	answer options 46
sending 17, 65	clear stored information
multimedia messaging	71
service. See	codes 41
message	date, setting 45
my telephone number 12, 45	keypad, answering calls 46
N	language, setting 71 locking 42
network settings 78	network settings 78
notepad 56	open to answer 12
number	reset all options 71
storing your number 45	ring style 11, 46, 69
viewing your number 12	security code 41
numbers, entering 38	time, setting 45
	turning on/off 10
0	unlock code 41
1-touch dial	unlocking 10, 42
setting preference 69	phone number
using 58	active line indicator 25
open to answer 46	active line, changing 51
optional accessory, defined 6	attaching 2 numbers 57 international access code
optional feature, defined 6	54 redialing 51
Р	storing in phonebook 66
passwords. See codes phone active line indicator 25 active line, changing 51 alert, turning off 11, 53	storing your number 45 viewing your number 12 phone theme 82 phonebook attaching 2 numbers 57 category for entry 68
	55.5951 101 51111 J

copying entries 69	Q
dialing a number 66 group mailing list 66	quick dial 73
1-touch dial 58	R
picture ID 14, 21, 22, 52, 67, 68 primary number, setting 68 ringer ID 67, 69 sorting entries 22, 68 speed dial number 57 storing an entry 66 voice dialing 67 photo downloading 82 picture ID 14, 22, 52, 68 sending 13 taking 13 picture downloading 82 screen saver 48 viewing 83 wallpaper 47 picture ID 14, 22, 52, 68 setting 21, 67 PIN code	received calls list 54 recent calls 54 redial automatic redial 52 busy number 51 restricting calls 64 right soft key functions 1, 24 personalizing 70 ring style indicators 26 ring style, setting 11, 46, 69 ring tone creating 84 downloading 82 editing with MotoMixer 83 managing 83 ringer ID setting 67 turning on/off 69 ringer volume, setting 11, 69 roam indicator 25
changing 41	
entering 81	S
PIN2 code, changing 41	coroon cover 49
power key 1	screen saver 48
predictive text entry 36	secondary text entry mode
primary text entry mode 31	31

security code	sound
changing 41	creating 84
default 41	downloading 82
send key 1	managing 83
service dial 72	Speaker On message 41
shortcuts 70	speakerphone
signal strength indicator 24	activating 75
silent alert, setting 11, 46,	automatic answer 75
69	speed dial 57
SIM Blocked message 10,	standby time, increasing 49
81	symbol chart 39
SIM card	symbols, entering 38
defined 6	
installing 6	Т
locking 81	tap mode text entry 33
PIN code entry 10	telephone number
PIN code, changing 41	storing your number 45
PIN2 code, changing 41	viewing your number 12
precautions 6	text
SIM Blocked message	capitalization, changing
10, 81	32
SIM PIN code	character chart 35
changing 41	entering 30
entering 81	entry mode, selecting 31
SIM PIN2 code, changing	entry mode, setup 32
41	iTAP software predictive
skin, changing 49	text entry 36
smart key 40	numeric mode 38
soft keys	symbol chart 39
functions 24	symbol mode 38
illustration 1	tap mode 33
personalizing 70	•

text case indicator 33 text entry mode selecting 31 setup 32 text entry mode indicator 26, 33 theme 82 time, setting 45 timers 74 transfer a call 60 transmission indicator 25 travel charger 10 TTY device 64 U unlock application 81 phone 42 unlock code bypassing 44 changing 41 default 41, 44 entering 10	recording 15 voice dial 67, 75 voice key dialing a number 67 illustration 1 voice record 80 voicemail 58 voicemail message indicator 26, 59 volume earpiece 11 keypad 69 ringer 11, 69 volume keys 1, 11 W wallpaper 47 Web pages 82 Web sessions 82 Welcome 1 U.S. patent Re. 34,976
V	
vibrate alert setting 11, 46, 69 turning off 11, 53 video clip downloading 65 managing 83	



MOTOROLA

IMPORTANT SAFETY AND LEGAL INFORMATION>

Software Copyright Notice

The Motorola products described in this manual may include copyrighted Motorola and third party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Part Number: 6809476A21-O

Contents

Safety and General Information	4
FDA Consumer Information on Wireless Phones.	10
Product Registration	20
RF Energy Interference	20
Export Law Assurances	20
Wireless: The New Recyclable	21
Wireless Phone Safety Tips	23

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information in user's guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antennas, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

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

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

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

Hearing Aids

Some digital wireless phones 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.

Use While Driving

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

When using your phone while driving, please:

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

Responsible driving best practices may be found in the "Wireless Phone Safety Tips" at the end of this manual and at the Motorola website: www.Motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

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

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. 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. 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 phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch 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. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
\triangle	Important safety information will follow.
8	Your battery or phone should not be disposed of in a fire.
3	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
X	Your battery or phone should not be thrown in the trash.
⊖ Lilon BATT ⊕	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing

video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a flashing-lights feature on your phone. (The flashing-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate flashing lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a flashing-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- · Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

FDA Consumer Information on Wireless Phones



The U.S. Food and Drug Administration (FDA) provides consumer information on wireless phones at:

http://www.fda.gov/cellphones/qa.html

Following are safety-related questions and answers discussed at this web site.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

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

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio

frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless 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, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

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

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

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 you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna

Again, the scientific data <u>do not</u> demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly

precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) *charged two companies* that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Consumer and Professional Two-Way Radio Accessories.	Ninety (90) days from the date of purchase by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	Ninety (90) days from the date of purchase.

Exclusions

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

Who is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	Phones 1-800-331-6456
	Pagers 1-800-548-9954
	Two-Way Radios and Messaging Devices 1-800-353-2729
Canada	All Products 1-800-461-4575
TTY	TTY 1-888-390-6456
For Accessories and Software , please call the telephone number	

For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A

PARTICULAR PURPOSE. SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT. OR REFUND AS PROVIDED UNDER THIS EXPRESS. LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, IN NO EVENT SHALL MOTOROLA BE LIABLE. WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE. OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA. SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

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 and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

Product Registration

Online Product Registration:

http://www.motorola.com/warranty

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your product require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

RF Energy Interference

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Wireless: The New Recyclable

Your wireless phone can be recycled. Recycling your wireless phone reduces the amount of waste disposed in landfills and allows recycled materials to be incorporated into new products.

The Cellular Telecommunications Industry Association (CTIA) and its members encourage consumers to recycle their phones and have taken steps to promote the collection and environmentally sound recycling of end-of-life wireless devices.

As a wireless phone user, you have an important role in ensuring that this phone is recycled properly. When it comes time to give this phone up or trade it in for a new one, please remember that the phone, the charger, and many of its accessories can be recycled. It's easy. To learn more about CTIA's Recycling Program for Used Wireless Devices in the United States, including information on where to recycle wireless devices near you, please visit www.recyclewirelessphones.com.

Wireless Phone Safety Tips

"Safety is your most important call!"

Your Motorola wireless telephone gives you the powerful ability to communicate by voice—almost anywhere, anytime, wherever wireless phone service is available and safe conditions allow. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. If you find it necessary to use your wireless phone while behind the wheel of a car, practice good common sense and remember the following tips:

1 Get to know your Motorola wireless phone and its features such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.

- When available, use a hands-free device. If possible, add an additional layer of convenience to your wireless phone with one of the many Motorola Original™ handsfree accessories available today.
- 3 Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- 4 Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- 5 If you receive an incoming call at an inconvenient time do not take notes or look up phone numbers while driving. Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.
- 6 Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- 7 Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations which have the potential to divert your attention away from the road.

- 8 Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.*
- 9 Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.*
- 10 Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

^{*} Wherever wireless phone service is available.

Check the laws and regulations on the use of wireless telephones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas.

For more information, please call 1-888-901-SAFE or visit the CTIA Web site at www.wow-com.comTM



motorola.com