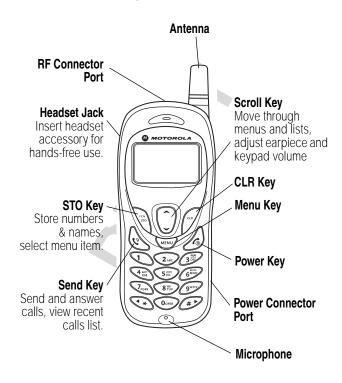
APPLICANT: MOTOROLA, INC. FCC ID: IHDT6DF1

#### **INSTRUCTION MANUAL**

A preliminary draft copy of the Users Manual follows:

## Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola C210 wireless phone.



Personal Communications Sector 600 North U.S. Highway 45 Libertyville, Illinois 60048

1-800-331-6456 (United States)

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

1-800-461-4575 (Canada)

www.motorola.com (United States) www.motorola.ca (Canada)

MOTOROLA, the Stylized M Logo and all other trademarks indicated as such herein are trademarks of Motorola, Inc. ® Reg. U.S. Pat. & Tm. Off. All other product or service names are the property of their respective owners.

© 2003 Motorola, Inc. All rights reserved.

#### **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.

Manual number: 6809459A32-O Cover number: 8988485L51-O

## Menu Map

#### Main Menu

#### Message Text msq Voice msg Page msg Phonebook Find name Find location Find group Memory Status Viewing my number Call Log Missed Received Dialed Call timer Tone Control Silent Mode Ring or vibrate Ring style Key tone Service tones Earpiece volume Ringer volume Message tone Reminder DTMF tones\* **Settings** Call Display Security System Voice privacy PIMS Alarm Clock To-Do List

**Note:** This is the standard phone menu layout. You or your service provider may have changes some feature names. Not all features may be available for all users.

Not available on all phone models.



# **Contents**

<b>Welcome</b>
Menu Map 3
Safety and General Information 8
Getting Started
What's in the Box?
About This Guide
Installing the Battery
Charging the Battery
Replacing the Battery
Battery Use
Turning Your Phone On and Off 18
Adjusting Volume
Making a Call
Answering a Call
Viewing Your Phone Number 20
Learning to Use Your Phone
Using the Display 21
Using Menus
How to Enter Text on Your Phone
Locking and Unlocking Your Phone
Changing Your Phone's Codes
If You Forget a Code
Locking and Unlocking the Keypad 28
Setting Up Your Phone
Managing Tones
Setting Answer Options
Adjusting the Backlight 32

Calling Features	
Redialing a Number	33
Using Automatic Redial	
Using Caller ID	34
Canceling an Incoming Call	34
Calling an Emergency Number	34
Viewing Recent Calls	35
Returning an Unanswered Call	38
Using Pause Dialing	38
Calling With Speed Dial	40
Calling With 1-Touch Dial	41
Using Voicemail	41
Muting the Phone	43
Using Call Waiting	43
Forwarding a Call	44
Alphanumeric Messages	47
Sending a Text Message	47
Viewing Outbox Messages	49
Viewing Saved Messages	50
Viewing Sent Messages	52
Receiving a Message	53
Deleting Messages	55
Setting Message Acknowledgment	57
Sending a Page Message	58
Setting Up Your Phonebook	60
Creating a Phonebook Entry	60
Finding a Phonebook Entry	62
Dialing a Phonebook Entry	64
Editing a Phonebook Entry	65
Checking Phonebook Capacity	65
Personalizing Your Phone	67
Selecting a Ringer Style	67

Setting Keypad Volume	69
Setting Ringer Volume	
Setting Message Tones	70
Setting Reminders	70
Personalizing the Phone Greeting	71
Personalizing Banner Text	72
Setting the Menu Language	72
Resetting All Options	
Clearing All Stored Information	73
Clearing Selected Information	
Using Shortcuts	75
Getting More Out Of Your Phone	76
Restricting Calls	76
Using DTMF Tones	77
Using Service Tones	78
3	79
Adjusting System Options	81
Viewing Phone Specifications	84
PIMS	86
Alarm Clock	86
Managing To-Do Lists	87
Security	90
	90
Specific Absorption Rate Data	91
Product Registration	
Export Law Assurances	93
Additional Health and Safety Information	94
Warranty 1	02
Wireless Phone Safety Tips	07

### **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 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, where 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 antenna, 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 hands-free 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, unless it is a phone type especially qualified for use in such areas and certified as "Intrinsically Safe." 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.
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.

## **Getting Started**

#### What's in the Box?



Your wireless phone typically comes equipped with a battery and a charger. You can purchase other accessory items can customize to phone for maximum performance and portability.

To purchase Motorola Original™ accessories, contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

#### **About This Guide**

This user guide introduces you to your Motorola wireless phone.

#### Optional Features



This label identifies an optional network 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<sup>™</sup> accessory.

## **Installing the Battery**

You must install and charge the battery to use your phone.



Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their

protective cases when not in use.

#### **Action**

- 1 Remove the new battery from its protective clear plastic case.
- 2 Insert the battery into the lower groove at the back of the phone.
- 3 Push the battery down until it clicks into place.



## **Charging the Battery**

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

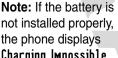
**Note:** When a charger is not in use, disconnect it from the power source.

#### Action

Turn the phone on (by pressing and holding 📣) before you begin to charge the battery.

**Note:** If the battery is completely discharged, the phone may not turn on. If this happens, turn the phone on after you connect the adapter.

- 2 Plug the travel charger into the appropriate electrical outlet.
- 3 Plug the other end of the travel charger into your phone, as shown.





When your phone indicates that it is fully charged (Charge Completed), remove the charger.

#### Notes:

- When you charge the battery, the battery level indicator blinks and the phone displays Charging.
- Charging stops if you place or receive a call. However, if the battery isn't sufficiently charged, the keypad will not function. The phone operates only if the battery is charged enough to use the keypad.
- If you charge the battery for 30 minutes but it does not have enough power to operate the phone, the battery no longer works and must be replaced.



You can turn off the phone while charging the battery (by pressing and holding A). You will see Motorola. then Charging. When the battery is fully charged, you will see Charge Completed. (If you removed the adapter before charging is completed, the phone turns off.)

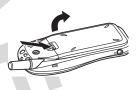
## Replacing the Battery



Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

#### **Action**

- Turn off the phone (by pressing and holding 🔊) before removing the old battery.
- While pressing the 2 battery release tab, push the battery toward the end of the phone. Then lift the battery off the phone.



- Insert the replacement battery into the lower 3 groove at the back of the phone.
- Push the battery down until it clicks into place.



### **Battery Use**

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; and your voice, data, and other application usage patterns.



If not used, a fully charged battery will discharge itself over time. This is normal.

**Caution:** To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original<sup>TM</sup> batteries and chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and chargers.
- New batteries or batteries that have been stored for long periods of time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry location, such as a refrigerator.
- Over extended periods, batteries gradually wear down and require longer charging times. This is normal. If

you charge a battery regularly and notice a decrease in talk time or an increase in charging time, it is probably time to purchase a new battery.



 Do not leave a battery connected to a charger for longer than a week, because overcharging may shorten its life.



The rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Never dispose of batteries

in a fire, because they may explode. Contact your local recycling center for proper disposal methods. Refer to your battery's label for battery type.

## **Turning Your Phone On and Off**

#### **Action**

- 1 Press and hold <u>(a)</u> (the Power/End key) for approximately 2 seconds.
- - **Note:** The unlock code is originally set to 1234. (For more information, see page 26.)

At startup, your phone number appears on the display briefly, followed by a banner message and the date and time. You can change the personal banner message. See "Personalizing Banner Text" on page 72.

### **Adjusting Volume**

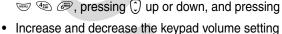
Press the ( ) scroll key up and down to:

when the idle display is visible

Increase and decrease earpiece volume during a call



You can also adjust earpiece volume by pressing  $\textcircled{\ensuremath{\varnothing}}$ , pressing  $\textcircled{\ensuremath{\Im}}$  up or down, and pressing  $\ensuremath{\ensuremath{\Im}}$ .



## Making a Call

Do not block the antenna while you are on a call.

	Press	То
1	keypad keys	dial the phone number
		<b>Tip:</b> If you make a mistake, press $\mathscr O$ to delete the last digit, or press and hold $\mathscr O$ to clear all digits.
2	<b>&amp;</b>	make the call
3	D	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.

	Press	То
1	<b>€</b>	answer the call
	or	
	any other key except 🔊	1
2	8	end the call and "hang up" the phone when you are finished
		After you hang up, the call timer is displayed for approximately 2 seconds.

**Note:** If the phone keypad is locked, you must unlock it to answer the call.

## **Viewing Your Phone Number**

	Action	
1	Press MERLY 2ARC SIRE.	
2	Press 🔊 to exit.	

# **Learning to Use Your Phone**

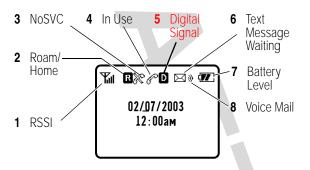
See page 1 for a basic phone diagram.

## Using the Display

The *idle display* is the standard display you see when you are *not* on a call or using the menu. You must be in the idle display to dial a phone number.



Status indicators are grouped at the top of the display:



**1 RSSI: Signal Strength Indicator** Shows the strength of the network connection.



**2 Roam/Home Indicator** Lights up when your phone accesses another network system outside your home network.

**3 NoSVC Indicator** Indicates that no calls can be placed or received from your location.

4 In Use Indicator Shows that a call is in progress.



#### 5 Digital Signal Indicator





**6 Text Message Waiting Indicator**Displays when you receive a text message.

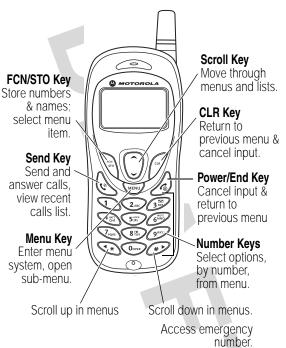
7 Battery Level Indicator Vertical bars show the battery charge level. Recharge the battery when you see Low Battery and hear the low battery alert.



**8 Voice Mail Indicator** Displays when you receive a voicemail message.

## **Using Menus**

From the idle display, press  $\ensuremath{\ensuremath{\bowtie}}$  to go to the main menu.



#### Selecting a Menu Feature

 Press ⑤ to scroll up or down to select the item you want, then press Ŋ.

or



Press the number key that matches the item you want.

#### How to Enter Text on Your Phone

- Enter numbers or text with the keypad.
- Press a key as many times as necessary to enter a letter. With each press, the next letter on the key appears. (See the character chart below.)
  - Press () down to change the character to lowercase while it is highlighted by the cursor.
  - If you do not press a key for 2 seconds, the character at the cursor is accepted, and the cursor moves to the next position.
- Press the (left) or (right) key to move the cursor left or right.
- Press 
   \( \times \) to scroll through available punctuation marks.
- To delete the character before the cursor, press 𝒪.
   You can then insert any new characters you require.
   To delete all the text, press and hold 𝒪.

#### Character Chart

Use this chart as a guide for entering characters.

0	space . 1 @ ?!, &:; "() ';   % \$ _
2 <sub>ABC</sub>	ABC2ÀÃÁÂÇ
389	D E F 3 É È Ê
4 <sub>M</sub> T	G H I 4 Í
5 jiki.	J K L 5



6 MNO	M N O 6 Ñ Ò Õ Ó Ô
7 <sub>PQRS</sub>	PQRS7
8 <sup>VIB</sup>	Τ U V 8 Ù Ú Ü
(9 <sup>WXX</sup> )	W X Y Z 9
Oores	+ - 0 * / = > < # § [ ]

**Note:** This chart may not reflect the exact character set available on your phone.

# **Locking and Unlocking Your Phone**

You can lock your phone immediately or set the phone to lock automatically whenever you turn it on. When the phone is locked, the indicator appears in the lower right of the display.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls and you can answer the call without unlocking the phone.

You can make emergency calls even when your phone is locked. For more information, see page 34.

#### **Locking Your Phone Now**

	Action
1	Press 📼 😘 .
2	Enter your 6-digit security code.
3	Press (2m) (1).



#### **Unlocking Your Phone**

**Tip:** Your phone's unlock code is originally set to 1234 at the factory. Many service providers reset the unlock code to the last 4 digits of your phone number.

When prompted to enter the unlock code:

Press	То
keypad keys	enter your unlock code



# Setting Your Phone to Lock Automatically

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

	Action
1	Press 🕶 😘 .
2	Enter your 6-digit security code.
3	Press $\bigcirc$ (up or down) or $\bigcirc$ (left) or $\bigcirc$ (right) to select $\mathbf{0n}$ or $\mathbf{0ff}$ .
4	Press
5	Press ⊌ to return to the previous menu.

## **Changing Your Phone's Codes**

Your phone's 4-digit unlock code is factory set to 1234. The 6-digit security code is factory set. Your service provider may reset these numbers before you receive your phone.

If your service provider has *not* reset these numbers, you should change them to prevent other users from accessing your personal information.

#### Changing Your Lock Code

To change the 4-digit lock code:

	Press	То
1	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	access your phone's security settings
2	keypad keys	enter the 6-digit security code
3	2ns 2ns	select the change lock option
4	keypad keys	enter a new 4-digit lock code
5		change the lock code
6	D	return to the previous menu

#### Changing Your Security Code

To change the 6-digit security code:

Press	То
1 (5 mm) (3 mm)	access your phone's security settings
2 keypad keys	enter the 6-digit security code
3 (2AE) (3#)	select the change security code option
4 keypad keys	enter a new 6-digit security code



	Press	То
5		change the security code
6	D	return to the previous
		menu

## If You Forget a Code

If you forget your security code, contact your service provider.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number.

## Locking and Unlocking the Keypad

You can lock the keypad to prevent accidental key presses (for example, when carrying your phone in a purse or pocket).

- To lock the keypad, press and hold 

   until you see

   Keyguard is on.
  - When the keypad is locked, the ‡ indicator appears in the lower right of the display.
- To unlock the keypad, press wuntil you see Keyguard is off.

# **Setting Up Your Phone**

## **Managing Tones**

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 these alert types:

The alert type indicator in the display shows the current alert type.

#### Selecting Silent Mode

When you select Silent Mode, all tones are silenced. Your phone will vibrate when you receive an incoming call or an incoming message if message tones are not set to Off.

	Press	То
1	MENU (4 MENU) (1)	select SilentMode
2	(up or down)	select On or Off
	or 🥶 (left) or	
	(right)	
3		confirm your selection
4	D	return to the previous menu

#### Selecting Ringer or Vibrator

	Press	То
1	MENU 4 GHI 2 ABC	select Ringer/Vib
2	(up or down) or (left) or	scroll to one of these selections:
	(right)	• Ring only—when you receive a call, phone rings and its light flashes
	3	Vib only—when you receive a call, phone vibrates and it light flashes
		<ul> <li>Vib-&gt;Ring—when you</li> </ul>
		receive a call, phone vibrates for 2 cycles, then rings
3		confirm your selection
4	B	return to the previous menu

## **Setting Answer Options**

You can use different methods to answer an incoming call.

#### Selecting Any Key Answer

With Any Key Answer set to 0n, you can answer an incoming call by pressing any key except  $\triangle$ .

	Press	То
1	MENU SIGN 1 2 ABK	select AnyKey Ans
2	(up or down)	select On or Off
	or 🥶 (left) or	
	(right)	
3		confirm your selection
4	B	return to the previous menu

#### Setting Auto Answer

When you set Auto Answer to 0n, your phone automatically answers incoming calls after 2 rings. When Auto Answer is 0n, the 3n indicator appears in the lower right of the display.

	Press	То
1	MENU SIGN 1 380	select Auto Ans
2	(up or down) or (left) or (right)	select <b>On</b> or <b>Off</b>
3		confirm your selection
4	B	return to the previous menu

**Note:** It is recommended that you use this feature only with vehicle hands free accessories or a headset, and with



your phone's ringer turned on. Otherwise, your phone can answer calls in your absence.

## Adjusting the Backlight

You can set the amount of time that the phone's backlights remain on, or turn off backlights completely to extend battery life.

	Press	То
1	MENU SIRE 2 ABC 2 ABC	select <b>Lights</b>
2	or (left) or	select Off, 15 secs, 30 secs, or On
	(right)	(If you select <b>0n</b> , the backlights are illuminated whenever the phone is powered on.)
3		confirm your selection
4	B	return to the previous menu



# **Calling Features**

For basic instructions on how to make and answer calls. see page 19.

## Redialing a Number

When you hear an ordinary busy signal:

	Press	То
1	D	hang up
2	Ø, Ø	redial the number

## **Using Automatic Redial**



With automatic redial, your phone automatically redials a number for the next 4 minutes if it receives a fast busy signal. When the call goes through, your phone plays a ring-back tone until the other party answers your call.

To turn automatic redial on or off:

	Press	То
1	MENU SHE 1	select AutoRedial
2	(up or down)	select On or Off
	or 👁 (left) or	
	(right)	
3		confirm your selection
4	B	return to the previous menu

## **Using Caller ID**



If *Calling line identification* (caller ID) is active on your phone, the phone displays the phone numbers of incoming calls. The caller's name is also displayed if it is stored in your phonebook.

## **Canceling an Incoming Call**

While the phone is ringing or vibrating:

Press	То
D	cancel the incoming call

The call is stored to your missed call list.

## **Calling an Emergency Number**

Your service provider programs an emergency phone number that you can call under any circumstances, even when your phone is locked.

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	<b>€</b>	call the emergency number

## **Viewing Recent Calls**

Your phone's Call Log 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 ones are added.

#### Viewing Missed Calls

You can view a list of the last 10 incoming calls that you did not answer.

Note: This function must be supported by Caller ID.

	Press	То
1	(3F) (1)	view the list of missed incoming calls
		If no missed numbers are found, you see No missed numbers.
2	(up or down)	scroll through the list of
	or 🥶 (left) or	missed calls
	(right)	Your phone shows the time and date each call was received, along with the number.
3	<b>€</b>	call the currently displayed
		number
	or	
		store the number
	or	



	Press	То
	$\mathcal{O}$ , then $\bigcirc$ (to	erase the number
	select Yes) and	
4	B	return to the previous menu

## Viewing Received Calls

You can view a list of the last 10 incoming calls that you accepted.

Note: This function must be supported by Caller ID.

	Press	То
1	MENU 3 DEE 2 ABC	view the list of received calls
		If no missed numbers are found, you see No received numbers.
2	(up or down)	scroll through the list of received calls
	(left) or (right)	Your phone shows the time and date each call was received, along with the number.
3	6	call the currently displayed number
	or	
	First	store the number
	or	



	Press	То
	${\mathscr G}$ , then ${\mathbin{\hat{\bigcirc}}}$ (to	erase the number
	select Yes) and	
4	B	return to the previous menu

## Viewing Dialed Calls

You can view a list of the last 10 phone numbers that you called, successfully or not.

	Press	То
1	(3) (3) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	view the last number you dialed
	1	If no numbers are found, you see <b>No dialed numbers</b> .
2	(up or down) or (left) or	scroll through the list of dialed numbers
	(right)	Your phone shows the time and date each number was dialed, along with the number.
3	6	call the currently displayed number
	or	
		store the number
4	B	return to the previous menu

**Shortcut:** From the idle display, press & to view the last number you dialed.

## Returning an Unanswered Call

Your phone keeps a record of incoming calls that you do not answer. When you miss incoming calls, your phone displays Missed Call: XX 11:10AM, where XX is the number of missed calls.

	Press	То
1	(up or down)	view the missed incoming calls
2	any key	clear the display

## **Using Pause Dialing**

When you call automated systems such as voice mail or bank-by-phone, you are frequently prompted to enter an identification number (such as a PIN or account number) before you can proceed.

Pause dialing can make it easier to use these automated systems. In one memory location on your phone, you can store:

- the phone number to access the automated system
- any required PIN numbers or similar security codes
- special characters—pauses—wherever appropriate between sets of numbers, that tell your phone to wait before sending the next set of numbers

## Storing a Number with Pauses

Note: Repeat steps 2 and 3 as many times as necessary.

	Press	То
1	keypad keys	enter the phone number you dial to call the automated system
2	(up)	insert the pause character
3	keypad keys	enter the next group of numbers (for example, a required PIN number)
		<b>Note:</b> If the system requires a * or #, enter those symbols too.
4	(m)	complete the entry
5	keypad keys	enter a 2-digit location
6	Fin	save the location number
7	keypad keys	enter a name for the entry
		<b>Note:</b> See "How to Enter Text on Your Phone" on page 24 for instructions on entering text.
8	[m]	save the name
9	(up or down)	view the desired number type
10		select the number type and store the entry
11	B	return to the previous menu



## Calling a Pause Dialing Number

Note: Repeat step 2 at each pause as necessary.

	Press	То
1	keypad keys	enter the memory location of the desired Pause Dialing number
2	<b>@</b>	call the phone number
		Your phone dials the number, then waits for your entry when it reaches the first pause.
3	B	end the call

## **Calling With Speed Dial**

Each entry you store in your phonebook is assigned a unique *speed dial* number, a 2-digit number from 10 to 99. This number identifies the memory location where the entry is stored. To speed dial a phonebook entry:

	Press	То
1	keypad keys	enter the speed dial number for the entry you want to call
2	€	call the entry

**Shortcut:** Enter the 1st digit of the memory location, then press and hold the 2nd digit. The phone calls the entry for that location.

## **Calling With 1-Touch Dial**

To call phonebook entries 1 through 9, just press and hold the one-digit speed dial number for 1 second. The call is placed even if the phone is restricted.

## **Using Voicemail**



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

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

When you receive a voicemail message, your phone beeps or vibrates and displays the ⋈ (voice message waiting) indicator.

## Listening to Voicemail Messages

To call the voicemail access number:

#### **Action**

Enter the digits of the number and press &.

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



### Viewing the List of Voicemail Messages

#### **Action**

Press WEW \( \tag{2.480} \).

#### Your phone lists:

- number of new voicemail messages
- number of total messages
- time and date received the voicemail message was received, as well as a call back number (if included)

To retrieve the messages, press & or  $\ni$ . Your phone calls the voicemail access number.

## Storing Your Voicemail Number

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



	Press	То
1	THE CASE (2ASE)	view the voicemail access number
2	B	store the number that is displayed
	or	
	keypad keys, then 🥞	enter and store a new number

## **Muting the Phone**

To mute your phone during a call:

# Action Press © ①. or Press © ⑤.

Press  $\ensuremath{\selso}$   $\ensuremath{\selso}$  or  $\ensuremath{\selso}$  again to resume normal conversation.

## **Using Call Waiting**



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

## Set Up Call Waiting

	Press	То
1	MENU SIRI SIRI	access Call wait
2	© (up or down) or № (left) or Ø (right), then	select 0n, then confirm your selection
3	D	return to the previous menu

**Note:** Call waiting is not available while the phone is roaming.



## Use Call Waiting During a Call

#### **Action**

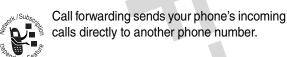
Press & to answer the new call and automatically place the current call on hold. Press & again to switch back to the first call.

## Cancel Call Waiting

	Press	То
1	MENU SHI	access Call wait
2	(up or down)	select Off, then confirm your
	or 👁 (left) or	selection
	(right), then	
	Fire	
3	D	return to the previous menu

## Forwarding a Call





## Set Up Call Forwarding

The forwarding options are:

All calls	forward all calls
If busy	forward calls if your phone is busy
lfNoAnswer	forward calls if you do not answer them

	Press To	
	access call forwarding	1
	options	
	select All calls	2
	or	
	select If busy	
	select If No Answer	
ur	(up or down) select <b>0n</b> , then confirm	3
	or 👀 (left) or selection	
	(right), then	
	[ii]	
	select to forward calls phone	4
	or	
	select to forward calls voicemail	
е	keypad keys enter the forwarding ph number	5
	© (up or down) or ⓒ (left) or selection  © (right), then  © select to forward calls phone  or  ② select to forward calls voicemail  keypad keys enter the forwarding ph	4



	Press	То
6		store the number
7	D	return to the previous menu

**Note:** Call forwarding is not available while the phone is roaming.

## Cancel Call Forwarding

	Press	То
1	MENU SIRL 1 4MT	access call forwarding
		options
2	(J	select All calls
	or	
	2 ABC	select If busy
	350	select If No Answer
_		salast Off them sandings
3	(1) (up or down)	select <b>0ff</b> , then confirm your
	or 👁 (left) or	selection
	(right), then	
	V	
4	D	return to the previous menu



## Alphanumeric Messages



You can send text messages and receive alphanumeric messages (text messages or alphanumeric pages) with your wireless phone.

## Sending a Text Message

To send a text message:

#### **Action**

- 1 Press  $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$  to begin writing or editing a message.
- 2 Enter the message contents, and press *in the message contents, and press in the message contents in the message contents in the message contents. The message contents in the message co*
- 3 Scroll to Yes (if you want to store the message to Saved message memory) or No, and press *ℜ*.
- 4 Enter the destination phone number.

You can enter up to 10 destination numbers. After each phone number entry, press (3) (up or down), then enter another number.

When you finish entering phone numbers, press  $\[ \ni \]$ .



5 Enter a call back number and press *ℜ*.

or

Press  $\Re$ . (Your number is automatically entered as the call back number.)

6 Scroll to the desired priority level and press *₹*.



7 Select Send now, then proceed to step 8 to send the message immediately.



or

Select **Send later**, then enter a deferred delivery date and time (up to 7 days later).

- 8 Press & to send the message.
  - If the message is sent successfully, you see Sent and the phone returns to the previous menu. The sent message is automatically stored in Sent Msg.



If the message is not sent successfully, you see Resend?. Press (ap or down) or (left) or (right) to select Yes or No, and press ).

If the resend is successful, you see **Sent** and the phone returns to the previous menu. The sent message is automatically stored in **Sent Msg**.

If the resend is not successful, the message is automatically stored in the Outbox.

## Viewing Outbox Messages

Text messages that *fail to send* are stored in the Outbox. The Outbox can store up to 20 messages.

To view Outbox messages:

#### **Action**

- 1 Press 😇 🔍 🗘 🗊 to view a list of headers for Outbox messages.
- 2 Press ② (up or down) or ❖ (left) or ☞ (right) to scroll through the list of message headers.
  - indicates the currently selected message
  - # indicates a protected message



To select a message and view its contents, press 

¬.

To delete a message, press  $\mathscr{G}$ , scroll to Yes, and press  $\mathfrak{F}$ .

To lock a message, press  $\Re$  twice, scroll to **Yes**, and press  $\Re$ . (A locked message cannot be deleted until you unlock it.)

- 4 If you select to view a message, press ① (up or down) or ② (left) or ② (right) to scroll through the message text.
  - To return to the list of message headers, press A.
  - To send a message to a number, press ℚ.
    Edit the received message as desired, then press ℚ. Complete the steps to send the message just as you do when you send a new message. (See "Sending a Text Message" on page 47.)
- 5 Press A to exit.

## **Viewing Saved Messages**

Saved message memory can store up to 20 messages, depending on the size of each message.

#### To view saved messages:

#### **Action**

- 1 Press 🐷 🔍 🔍 🐿 to view a list of headers for outgoing messages.
- 2 Press ② (up or down) or ❖ (left) or ☞ (right) to scroll through the list of message headers.
  - indicates the currently selected message
  - # indicates a protected message
- 3 To select a message and view its contents, press  $\Re$ .

To delete a message, press  $\mathcal{G}$ , scroll to **Yes**, and press  $\mathfrak{F}$ .

To lock a message, press  $\[ \ni \]$ , scroll to Yes, and press  $\[ \ni \]$ . (A locked message cannot be deleted until you unlock it.)

- 4 If you select to view a message, press ① (up or down) or ② (left) or ② (right) to scroll through the message text.
  - To return to the list of message headers, press A.
  - To send a message to another number, press . Edit the received message as desired, then press . Complete the steps to send the message just as you do when you send a new message. (See "Sending a Text Message" on page 47.)
- 5 Press A to exit.



## **Viewing Sent Messages**

Your phone stores messages that have been sent successfully. The sent message memory can store up to 20 messages.

To view sent messages:

#### **Action**

- 1 Press 🐨 🗅 🗅 🗺 to view a list of headers for sent messages.
- 2 Press ③ (up or down) or ❖ (left) or ℯ (right) to scroll through the list of message headers.
  - indicates the currently selected message
  - # indicates a protected message
- 3 To select a message and view its contents, press  $\theta$ .

To delete a message, press  $\mathscr{O}$ , scroll to **Yes**, and press  $\mathfrak{D}$ .

To lock a message, press  $\mathfrak{P}$ , scroll to **Yes**, and press  $\mathfrak{P}$ . (A locked message cannot be deleted until you unlock it.)



- 4 If you select to view a message, press 🔾 (up or down) or 🖎 (left) or 🖅 (right) to scroll through the message text.
  - To return to the list of message headers, press A.
  - To send the message again, press &.

If the message is sent successfully, you see **Sent**, and the phone returns to the previous menu. The sent message is automatically stored in **Sent Msg**.

If the message is not sent successfully, you see **Resend?**. Press  $\bigcirc$  (up or down) or  $\bigcirc$  (left) or  $\bigcirc$  (right) to select **Yes** or **No**, and press  $\bigcirc$ .

**5** Press A to exit.

## Receiving a Message

When you receive a message, your phone:

- beeps or vibrates
- displays Message! (for a text message) or Page! (for an alphanumeric page)
- displays the message priority (if urgent or emergency)



displays a call back number, if included
 If the received call back number matches the number of a phonebook entry, the name for that entry is displayed instead of the call back number.

Incoming messages are stored in the Inbox. The Inbox can store up to 20 messages. Messages in the Inbox are sorted from newest to oldest.

To view Inbox messages:

#### **Action**

- 1 Press 🐨 🔍 🗅 🖅 to view a list of headers for received messages.
- 2 Press (☐) (up or down) or (☐) (left) or (☐) (right) to scroll through the list of message headers.
  - indicates the currently selected message
  - √ indicates a read message
  - # indicates a protected message
- 3 To select a message and view its contents, press  $\theta$ .

To delete a message, press  $\mathscr{O}$ , scroll to **Yes**, and press  $\Re$ .

To lock a message, press  $\Re$ , scroll to **Yes**, and press  $\Re$ . (A locked message cannot be deleted until you unlock it.)



- 4 If you select to view a message, press 🔾 (up or down) or 🖎 (left) or 🖅 (right) to scroll through the message text.
  - To return to the list of message headers, press A.
  - To call the call back number in a text message, press &
  - To forward the message to an embedded originator number, press 
     ☑ . Edit the received message as desired, then press 
     Complete the steps to sent the message just as you do when you send a new message.
     (See "Sending a Text Message" on page 47.)

## **Deleting Messages**

You can delete individual messages or all messages at once. However, locked messages cannot be deleted until you unlock them.



You can delete individual messages while viewing message headers.

	Press	То
1	MINU ( GMIN)	select the delete messages option
2	O	select all read messages
	or	
	2 <sub>ABC</sub>	select all Inbox messages
	or	
	399	select all Outbox messages
	or	
	(4am)	select all saved messages
	or	
	S <sup>sec</sup>	select all sent messages
	or	
	(Suppl)	select all messages
3	(up or down) or	scroll to Yes or No
	(left) or	
	(right)	
4	Find .	confirm your selection
5	<u>le</u> )	return to the previous menu



## Setting Message Acknowledgment



You can choose to receive an acknowledgment when the message is delivered to the destination user and/ or when the message is read by the destination user.

## Setting Delivery Acknowledgment

	Press	То
1	WENU TO Trans	select Delivery ack
	<b>O</b>	
2	(up or down) or	scroll to Yes or No
	(left) or #	
	(right)	
3		confirm your selection
4	B	return to the previous menu

## Setting User Acknowledgment

	Press	То
1	MENU 1 1 TPORS	select User ack
	2 ABC	
2	(up or down) or	scroll to Yes or No
	(left) or 🖅	
	(right)	
3		confirm your selection
4	<u>l</u> e)	return to the previous menu



## Sending a Page Message



You can send a page message from your phone.

To send a page message:

#### **Action**

- 1 Press 🐨 🔍 🕯 to begin writing a message.
- 2 Enter the message contents, and press 

  . (See "How to Enter Text on Your Phone" on page 24 for instructions on entering text.)
- 3 Scroll to Yes (if you want to store the message to Saved message memory) or No, and press *¬*.
- 4 Enter the destination phone number.

You can enter up to 10 destination numbers. After each phone number entry, press (3) (up or down), then enter another number.

When you finish entering phone numbers, press  $\mathfrak{P}$ .

5 Enter a call back number and press *¬*.

or

Press  $\Re$ . (Your number is automatically entered as the call back number.)



- **6** Scroll to the desired priority level and press  $\Re$ .
- 7 Press & to send the message.
  - If the message is sent successfully, you see Sent, and the phone returns to the previous menu. The sent message is automatically stored in Sent Msg.
  - If the message is not sent successfully, you see Resend?. Press ② (up or down) or ③ (left) or ③ (right) to select Yes or No, and press Ŋ.

If the resend is successful, you see **Sent**, and the phone returns to the previous menu. The sent message is automatically stored in **Sent Msg**.

If the resend is not successful, the message is automatically stored in the Outbox.



## Setting Up Your Phonebook

You can store a list of names and phone numbers in your phone's electronic phonebook. Each memory location from 01 through 99 can store three numbers and one name associated with them. For a single contact, you can store multiple numbers—for home, office, mobile.

## **Creating a Phonebook Entry**

To create an entry:

#### Action

- 1 Enter the phone number you want to store, then press 

  Nou can store up to 32 digits per phone number entry.

or

Enter a new 2-digit location and press *ℜ*.

or

Press  $\mathcal{O}$  to erase the displayed location, then enter a new one and press  $\Re$ .

or

Scroll to an available location and press  $\Re$ .

3 Enter a name for the entry and press  $\Re$ .

4 Select the number type (home, mobile, office) and press  $\Re$ .

If a number is already stored for the type you select, you see **This number type is used**, followed by **Overwrite?**.

To leave the number unchanged, scroll to  $N_0$  and press  $\Re$ .

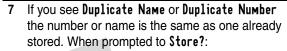
or

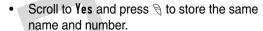
To change the number:

- a Scroll to Yes and press 9.
- **b** Edit the number, then press .
- 5 Select the group (Family, Friends, Colleagues, VIP, Other) and press *ℜ*.
- 6 When you see Another num?:
  - Scroll to No and press ♥.

or







or

Scroll to No and press 

to exit without storing the entry.

## Finding a Phonebook Entry

You can locate a phonebook entry by the name stored with that entry or by the entry's location number (01 through 99).

### Finding by Name

#### Action

1 Press MENU QABO 1.

Your phone displays the first entry in the phone book (sorted alphabetically).

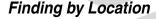
2 Scroll to the name of the entry you want.

or

Press the key with the first letter of the name you want. (If no entry beginning with that letter is found, you see **No** x's in **memory**, where x is the letter you entered.)

or

Press or to scroll to another number (for example, for office or mobile) for the same entry.



#### Action

- 1 Press (ABC) (2ABC).
- **2** Enter the 2-digit memory location of the entry you want, and press  $\Re$ .
  - Your phone displays the name, phone number, and number type for the entry at that location.
- 3 Press or to scroll to another number (for example, for office or mobile) stored in the same location for the name selected.



## Finding by Group





2 Scroll to the desired group and press *Ŋ*. Your phone displays the first entry for that group (sorted alphabetically).

or

Press the key with the first letter of the name you want. Your phone displays that name in the appropriate group, sorted alphabetically. (If no entry beginning with that letter is found, you see **No** x's in **memory**, where x is the letter you entered.)

or

Press or to scroll to another number (for example, for office or mobile) stored in the same location for the name selected.

## Dialing a Phonebook Entry

To call a number stored in your phonebook:

#### **Action**

- 1 Retrieve the desired number.
  - (See "Finding a Phonebook Entry" on page 62.)
- 2 Press & to call the number.

## Editing a Phonebook Entry

#### Action

- 1 Retrieve the desired number.
  - (See "Finding a Phonebook Entry" on page 62.)
- 2 Press to begin editing.
- 3 Erase, modify the number, or modify the name, as desired:
  - If you select Erase, all numbers for that location are erased.
  - If you select Modify Num, press Ø to erase the number displayed, enter the new number, and press Ŋ.
  - If you select **Modify Name**, press  $\mathscr O$  to erase the name displayed, enter the new name, and press  $\ensuremath{\mathfrak{F}}$ .
  - If you select ChangeGroup, press () (up or down) or (left) or (right) to select the new group, then press €.
- 4 Press A to exit.

## **Checking Phonebook Capacity**

You can see how much memory space remains for storing



phonebook entries on your phone.





Your phone displays the number of memory locations in use and the number remaining.

2 Press A to exit.



## Personalizing Your Phone

## Selecting a Ringer Style

You can select the style of ringer your phone uses to alert you to incoming calls. Your phone includes 14 predefined ringer styles, and you can also download ringer styles using the My Bell function.



## Selecting a Predefined Style

	Press	То
1	MENU (4 STP) (3 OFF) (1	select Predefined
2	(up or down)	scroll through the styles to the one you want
		As you scroll, your phone plays a sample of the currently displayed style.
3		select the style
4	D	exit to the previous menu

## **Downloading Ringer Tones**

You can download up to 15 ringer tones over the network.

	Press	То
1	MENU 4 STE 2 ABC	select My Bell
2	(up or down)	scroll through the styles to the one you want
		As you scroll, your phone plays a sample of the currently displayed style.
		If you press , the phone displays a help message.
		Your phone also displays the number of available locations for new tones.
3	[ <del></del>	select the style
4	D	exit to the previous menu

To erase a downloaded tone:

	Press	То
1	MENU (4 SET) (2 ABC)	select My Bell
2	(up or down)	scroll through the styles to the one you want
3	Ø	erase the tone
4	(up or down)	select Yes or No
5	P	confirm your choice and exit to the previous menu

**Note:** If you erase the currently assigned ringer tone and do not select a new one, the phone uses the factory default tone.

## **Setting Keypad Volume**

You can adjust the volume of the tones you hear when you press your phone's keys.

	Press	То
1	MENU (4 SHI) (4 SHI)	select Key tone
2	(up or down) or (left) or (right)	select the desired volume (from silent to level 5)
3		confirm your selection
4	D	exit to the previous menu

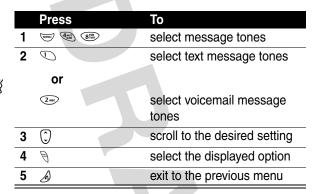
## **Setting Ringer Volume**

You can adjust the volume of your phone's ringer.

	Press	То
1	MENU (4 AUT) (7 PQRS)	select Ringer Vol
2	(up or down)	select the desired volume (from silent to level 5)
3		confirm your selection
4	D	exit to the previous menu

## **Setting Message Tones**

When you receive a new voicemail or alphanumeric message, your phone beeps or vibrates. You can change the number of beeps or turn them off completely.



## **Setting Reminders**

A reminder is an alert that beeps or vibrates at regular intervals to notify you about a received voicemail or text message.

	Press	То
1	MENU 4str 9wxy	select reminder alerts
2	٥	scroll to Remind once, Every 2 min, or Release
3	A	select the displayed option
4	D	exit to the previous menu

## **Personalizing the Phone Greeting**



You can enter or change the greeting that the phone displays when you turn it on.

	Press	То
1	MENU 5 MENU 2 ABC 4 SATT	go to the greeting entry area
2	keypad keys	enter the new greeting
	or	
	(#)	begin editing an existing greeting
3		save the new/modified
		greeting
4	<u>l</u> e)	exit to the previous menu



#### **Personalizing Banner Text**

You can enter or change the message banner that the phone displays when it is idle. The banner can include up to 12 characters.

	Press	То
1	MENU SINC 2 ABC 30E	go to the banner entry area
2	keypad keys	enter the new banner
	or	
	(#)	begin editing an existing banner
3	F170	save the new/modified
		banner
4	B	exit to the previous menu

#### **Setting the Menu Language**

Set the language in which menu features and options are displayed.

	Press	То
1	MINU SIR 2 ABC 1	view Language
2	(up or down) or (left) or (right)	select one of the available languages
3	Final Control of the	confirm your selection
4	D	exit to the previous menu
_		

#### **Resetting All Options**

Use Master Reset to reset all options to their original factory settings, *except* for the unlock code, security code, and lifetime timer.

#### Action

- 1 Press wenu Siki (388).
- 2 When prompted, enter the 6-digit security code.
- 3 Press (ZABC) (ABET) (1).
- 4 Scroll to Yes or No and press ♥.
- **5** Press  $\triangle$  to exit.



#### **Clearing All Stored Information**

User Master Clear to clear all settings and entries that you have made.

**Caution:** Master Clear **erases all user-entered information** stored in your phone's memory, including phonebook and messaging entries. Once you erase the information, it cannot be recovered.

- 1 Press MENU SHIEL 388.
- 2 When prompted, enter the 6-digit security code.
- 3 Press (2ABC) (4MT) (2ABC).
- 4 Scroll to Yes or No and press ♥.
- 5 Press A to exit.

#### **Clearing Selected Information**

You can selectively erase the following:

- all stored Call lists (except the lifetime timer)
- all stored phonebook information
- all stored to-do lists
- all stored messages



- 1 Press MENU SIRCE (300).
- 2 When prompted, enter the 6-digit security code.
  - 3 Press 3.
- 4 Press the appropriate key for the list that you want to delete.:

  - —phonebook

  - stored messages
- 5 Scroll to Yes or No and press *ℜ*.
- 6 Press A to exit.

#### **Using Shortcuts**

Your phone includes several standard key shortcuts. You cannot edit or delete these shortcuts.

Ke	Key		
Co	ombination	Shortcut	
1	<b>3</b>	Access the messaging menu.	
2	4 arr	Show the battery charge level.	
3	Sim Sim	Lock keypad immediately.	
4	G G G G G G G G G G G G G G G G G G G	Mute the phone.	
5	(m) (87)	Access the ring option menu. You can then switch the ring mode among Ring Only, Vibrate Only, and Vibrate then Ring.	



### **Getting More Out Of** Your Phone

#### Restricting Calls

You can restrict outgoing calls by setting different phone service levels.

Level 1

Calls can be placed only from memory locations 1 through 9.

The following functions are restricted:

- dialing with the keypad
- calling from the phone book or from call logs
  - saving a new number in the phone book
- · viewing the last call list while the phone is idle

Level 4

Release call restrictions imposed by Level 1



	Press	То
1	(3) (3) (3) (3) (3) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	access your phone's security settings
2	keypad keys	enter the 6-digit security code
3	O	select the service level option
4	(left) or (right)	select Level 1 or Level 4
5		confirm your selection
6	D	exit to the previous
		menu

#### **Using DTMF Tones**

You can send numbers to the network as dual tone multi-frequency (DTMF) tones during a call. Use DTMF tones to communicate with automated systems that require you to submit a PIN code (such as voice mail or bank-by-phone).

You can set DTMF tones to Long or Short:

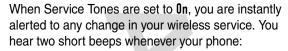
 Short sends a short fixed-duration tone for each keypress. Short DTMF tones work with most automated systems.



**Long** sends each tone for as long as you press the key. Some systems (such as home answering machines) require long tones for proper activation.

	Press	То
1	MENU 4 MATT OOPEN	select DTMF tone
2	(up or down) or	select <b>Long</b> or <b>Short</b>
	(left) or	
	(right)	
3		confirm your selection
4	B	exit to the previous menu

#### **Using Service Tones**



- begins to roam
- returns to a home system after roaming
- drops service
- locates service

When Service Tones are set to **0n**, your phone will alert you when you connect to the network when placing a call.



Note: Your phone always beeps when a call is dropped.

	Press	То
1	MENU 4 SITT SIECE	select Service tone
2	(up or down) or	select On or Off
	(left) or	
	(right)	
3		confirm your selection
4	D	exit to the previous menu

#### **Monitoring Phone Use**

You can view the duration of incoming and outgoing calls by minute, and second.

**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  $\triangle$ . 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, please contact your service provider directly.





#### View and Reset Call Timers

To view a call timer:

Press	То
MENU (30F) (4ser)	select the list of call timers
2 0	select and view Last— approximate time spent on the last dialed or received call. You cannot reset this timer
or	
2100	select and view Resettable— total number of dialed calls and the total time of those calls
or	
(3 <sup>19</sup> )	select and view Life timer— total air-time since your phone was activated
3 🔊	exit to the previous menu

#### To reset the call timer:

	Press	То
1	MENU (30F) (4MT)	select the list of call timers
2	2 ABC	select <b>Resettable</b>
3	0	select to reset

	Press	То
4	(up or down)	scroll to Yes or No
	or 🥶 (left) or	
	(right)	
5	B	exit to the previous menu

#### **Adjusting System Options**

#### Select a System

You can select your phone's system according to the system channel.

	Press	То
1	MENU SIKK 4 AART 1	access the system selection
		option
2	(up or down)	scroll to:
	or 🥶 (left) or	<ul> <li>Automatic</li> </ul>
	(right)	
	_ ( <b>.</b>	<ul><li>CDMA only</li></ul>
		• Analog only
		• Analog only (phone will not
		nont Fee
		outside its
		home system)
3		confirm your selection
4	B	exit to the previous menu



#### Configure the System Mode

Your service provider configures the System Mode when you receive your phone. You may decide to switch to another mode to improve calling conditions, network coverage, or roaming conditions.

	Press	То
1	MEND SIE GARE ZAK	access the system mode option
0	(1) (up or down) or (1) (left) or (1) (right)	<ul> <li>Standard—Your phone 1st seeks a home-type system, then a non- home-type system.</li> <li>Home Only—Phone will not operate outside its</li> </ul>
		home system.  • Scan A— Phone will operate only within non-wireline (A) systems
		Phone will operate only within wireline (B) systems.
3		confirm your selection
4	<u>l</u>	exit to the previous menu

#### Select a Home System

Your phone can be activated with two unique phone numbers. If you travel often, you can switch between numbers to reduce roaming. This feature enables you to change your active number to the one appropriate to the area you are in.

When your phone has 2 numbers, only one can be active at a time. Calls are placed and received by the currently active number only. When you turn on your phone, a message in the display indicates which phone number is active.

	Press	То
1	MEND SHE HERE 3	display your phone's currently active NAM
2	(up or down) or (left) or (right)	select the NAM you want to be active
3		confirm your selection
4	E	exit to the previous menu



#### **Viewing Phone Specifications**

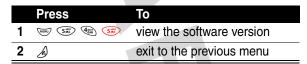
#### Display the System ID

You can view the number that identifies the wireless system your phone is accessing.

	Press	То	
1	MENU 5 MC 4 CH 4 CH	view the system ID number	
2	D	exit to the previous menu	

#### Display Your Phone's Software Version

You can view the version of software used by your phone. Service personnel may ask you for this information if you require technical assistance.



#### Display Your Phone's PRL Version

You can view your phone's PRL version. Service personnel may ask you for this information if you require technical assistance.

Press		То	
1	MINU 5 DOCK 4 MATT 6 MINU	view the PRL version	
2	B	exit to the previous menu	

#### Display Your Phone's ESN Number

	Press	То
1	MENU 5 MENU 4 MENU 7 PORTS	view the ESN number
2	B	exit to the previous menu



#### **PIMS**

#### **Alarm Clock**

Your phone includes an alarm clock that you can set to alert you at specific times.

#### Setting the Alarm

- 1 Press 🐷 🐷 🔍 to select Alarm.
- 2 Scroll to the desired setting (Once, Everyday, or Week day), and press *¬*.
- 3 If you select **Once**, enter the month and day, and press  $\Re$ . (If you make a mistake, press  $\mathscr O$  to erase one digit at a time.)
- **4** Enter the hour and minute, and press  $\mathfrak{I}$ . (If you make a mistake, press  $\mathscr{I}$  to erase one digit at a time.)
- 5 Scroll to the desired repeat alarm setting, and press  $\Re$ .
- 6 Press 🔊 to exit.



#### Turning Off the Alarm

Action				
Press 📟	6 <sup>MU/TE</sup>	① to	select	Alarm.

- 2 Press 2 to select Release?.
- 3 Scroll to Yes or No, and press ♥.
- 4 Press A to exit.

1

#### **Managing To-Do Lists**

You can store up to 10 "to-do lists" to be displayed at specified times. At a time you specify, a to-do list blinks on and off on the phone's display. Press any key to return to the idle display.

You can store up to 10 lists.

#### Setting a To-Do List

- 1 Press 😇 🚱 📨.

  If your phone cannot store any more lists, you
  - will see There is no storage for To-do list.
- 2 Enter the text for your to-do list, and press 

  (See "How to Enter Text on Your Phone" on page 24.)



- 3 Enter the date and time for the to-do list, and press *\bar\\*.
  - To move the cursor 1 position to the right, press (3) (down).
  - To move the cursor 1 position to the left, press (3) (up).
  - Press 
     to select AM or PM.
- 4 Scroll to the desired time for the To-do list alarm, and press *\(\gamma\)*:
  - On time
  - Bfor 10 min
  - Bfor 1 hour
  - Bfor 1 day
- 5 Press A to exit.



#### Viewing Your To-Do Lists

You can view your to-do lists in chronological order.

- Press MENU (6MM) (2ABC) (2ABC).
  - Your phone displays your stored lists, from earliest to latest. If the time for a list has already passed, your phone displays past at the bottom of the entry.
- Press () (up or down) or (left) or (right) 2 to scroll through the stored lists.
  - To clear a selected list, press  $\mathcal{O}$ , scroll to **Yes** or No, and press €.
- Scroll to Yes or No, and press *₹*.
- Press A to exit.





### Security

#### Activating Voice Privacy



Your phone can attempt to send your calls using a high-security connection to prevent others from intercepting them.

	Press	То
1	MENU SMC SMC	select Voice Priv
2	(up or down) or (left) or (right)	scroll to <b>On</b> or <b>Off</b>
3		confirm your selection
4	D	exit to the previous menu

When voice privacy is turned On, your phone displays the voice privacy icon  $\underline{\mathbf{a}}$  and a voice privacy indicator message.



#### **Specific Absorption Rate Data**

The 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. <sup>1</sup> 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 1.43 W/kg, and when worn on the body, as

described in this user guide, is 0.40 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).<sup>2</sup>

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://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.

#### **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.

#### **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.

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

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

#### Why the concern?

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

#### What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna—

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

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

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

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

1 In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepithelliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results. <sup>1</sup>

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

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

recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

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

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

Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.<sup>4</sup>

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

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

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of

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

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

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

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

- support needed research into possible biological effects of RF of the type emitted by mobile phones
- design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function

 cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health

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

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

The National Institutes of Health also participates in this group.

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

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

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

a mobile phone in which the antenna is located outside the vehicle

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

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

#### Where can I find additional information?

For additional information, see the following Web sites:

**Federal Communications Commission** (FCC) RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"):

http://www.fcc.gov/oet/rfsafety

World Health Organization (WHO) International Commission on Nonlonizing Radiation Protection (select Qs & As): http:// www.who.int/emf

United Kingdom, National Radiological Protection Board:

http://www.nrpb.org.uk

Cellular Telecommunications Industry Association (CTIA): http://www.wow-com.com

**U.S. Food and Drug Administration** (FDA) Center for Devices and Radiological Health:

http://www.fda.gov/cdrh/consumer/

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

#### 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**

<b>Products Covered</b>	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.

<b>Products Covered</b>	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
	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	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 I AW

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.

# 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.
- 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.\*

<sup>\*</sup> 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.com™

