



MOTOROLA
intelligence everywhere™

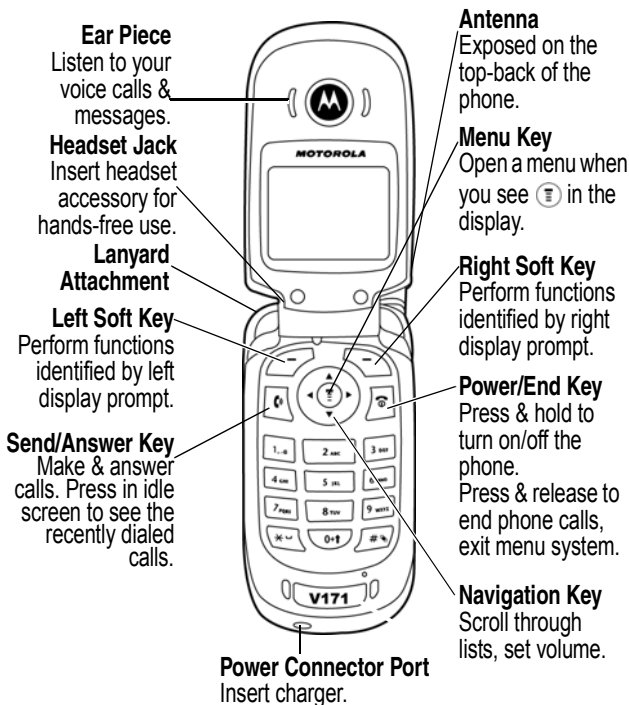


MOTOMANUAL

V170/V171
GSM

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V170/V171 wireless phone.



Note: Your phone may not appear exactly as the phone image above. However, all key locations, sequences, and functions remain the same.

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

www.hellomoto.com

1-800-331-6456 (United States)

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

1-800-461-4575 (Canada)

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

© Motorola, Inc. 2005.

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

Manual number: 6809491A02-A

Contents

Getting Started	9
Package Content	9
About This Manual	9
Attaching the Battery Door	10
Changing Your SIM Card and Battery	11
Battery Tips	12
Turning On/Off Your Phone	13
Making and Answering Calls	13
Adjusting the Volume	14
Learning to Use Your Phone	15
Symbols on the Screen	15
Using the Menu	16
Entering Text	18
Folding Back the Phone	20
Setting Up Your Phone	21
Setting the Time and Date	21
Changing Personal Greetings	21
Choosing Alert and Ring Tones	21
Setting Backlight	22
Setting Contrast	22
Setting Display Scrolling	22
Setting Main Menu Animation	22
Setting Battery Save	23
Resetting All Options	23
Clearing All Information	23
Setting Up Your Phone for Optional Handsfree Use	24
Powering Off in Standby or Automatically Turn Off	24

Calling Features	25
Displaying Your Phone Number	25
Redialing a Number	26
Using My Caller ID	26
Terminating an Incoming Call	27
Dialing an Emergency Number	27
Dialing International Numbers	28
Inserting Special Characters into Dialing Sequences	28
Viewing the Received Calls, Dialed Calls, or Missed Calls List	29
Returning a Missed Call	30
Entering Numbers in the Notepad	30
Using Voicemail	31
Speed Dialing	32
1-Touch Dialing	33
Quick Dialing	33
Using Call Waiting	34
Forwarding a Call	34
Conference Calls	35
Barring a Call	36
Putting a Call on Hold	37
Messages and Chat	38
Setting Up the Text Message Inbox	38
Sending Messages, Pictures, and Sounds	39
Viewing Message Status	41
Receiving and Reading Messages	41
Using Browser Messages	42
Sending Quick Notes	43
Using Info Services	44
Using Instant Messaging	44
Logging into IM	44

Sending and Receiving Instant Messages	45
Setting Your Online Status	47
Setting Up IM	47
Using Chat	49
Start a Chat Session	49
Review Chat History	50
Respond to Chat	50
End a Chat Session	51
Phonebook	52
Storing a Phonebook Entry	52
Dialing a Phonebook Entry	54
Editing a Phonebook Entry	55
Sorting and Copying Phonebook Entries	56
Checking Capacity	57
Personalizing Your Phone	58
Customizing Menus	58
Redefining Soft Keys	59
Selecting a Favorite Wallpaper	59
Selecting a Customized Screen Saver	60
Selecting a Different Language	60
Selecting a Greeting	60
Selecting a Color Setting	61
Customizing a Banner	61
Using MyMenu	61
Downloading Ring Tones	63
Getting More Out of Your Phone	64
Dialing Options	64
Managing Your Calls	65
Using DTMF Tones	66
Monitoring Phone Use	66
Network Features	70

Personal Organizer Features	71
Alarm Clock	71
Calculator	72
Converting Currency	73
Using the Stop Watch	73
Security	74
Locking and Unlocking Your Phone	74
Changing Your Unlock Code	75
If You Forget A Code Or Password	76
Protecting the SIM Card	77
News and Entertainment	78
Mobile Internet	78
Games	81
Using My Tones	82
Troubleshooting	88
Index	91

Menu Map

Main Menu


- Messages
- Phonebook
- Recent Calls
- MyMenu
- Ring Style
- Alarm Clock
- Settings
- More
- Quick Dial
- Games
- Browser
- IM
- Chat


Note:


The Main Menu above represents the standard phone menu layout. You or your service provider may have changed the order of the menu layout or changed the feature names.

Not all features may be available for all users.

Shortcut

In idle, press  up or down to access phonebook, right or left to adjust volume.

Go to Dialed Calls:
press .

Exit the menu system:
press .

Settings Menu

- **Call Forward ***
 - Voice Calls
 - Cancel All
- **Phone Status**
 - My Numbers *
 - Active Line *
- **In Call Setup**
 - In-Call Timer
 - Call Cost Setup *
 - My Caller ID
 - Answer Options
 - Call Waiting
- **Security**
 - Phone Lock
 - Fixed Dial
 - Call Barring *
 - SIM PIN
 - New Passwords
- **Other Settings***
 - Personalize
 - Main Menu
 - Keys
 - Greeting *
 - Banner
 - Screen Saver
 - Quick Dial *
 - Wallpaper
 - Color Setting
 - Initial Setup
 - Time and Date
 - Power On/Off+
 - 1-Touch Dial
 - Backlight
 - Scroll
 - Main menu animation
 - Language
 - Battery Save
 - Contrast
 - DTMF
 - Master Reset
 - Master Clear
 - Network
 - New Network
 - Network Setup
 - Avail. Networks
 - Service Tone
 - Call Drop Tone
 - Band Selection*
 - Headset
 - Auto Answer

* Optional Network, SIM card, or subscription-dependent features.

+ This function allows you to have your phone automatically turned on and off at specified times, helping you save battery life.



Be sure to turn off the power on/off feature when traveling on an airplane or in other situations where the use of the mobile phone is prohibited.

Getting Started

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



Package Content

Your wireless phone comes with a replaceable internal battery and is typically equipped with a charger. Other accessories can customize your phone to its maximum performance and portability.

About This Manual

Optional Features



Features marked with this label are optional network, SIM card, and/or subscription-dependent features. All service providers in all geographical areas may not offer these features.

Contact your service provider for information about availability.

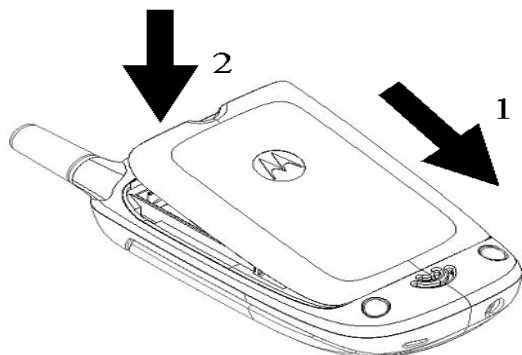
Optional™ Accessories



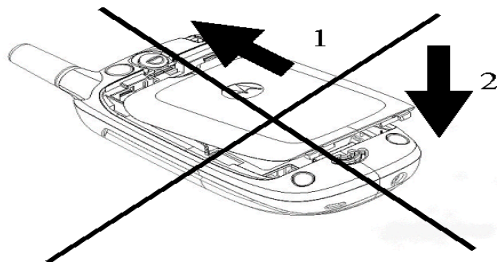
Features marked with this label require the use of an optional Motorola Original™ accessory.

Attaching the Battery Door

To close the battery door, slide the door in and push it down to lock it.

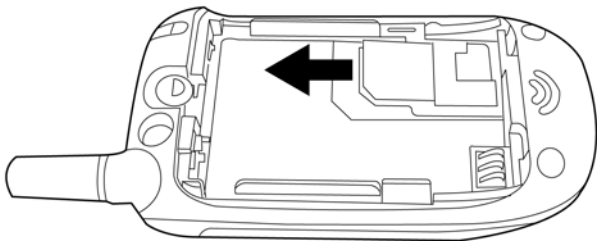
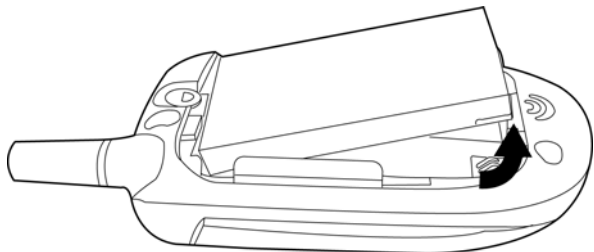


Do not close the battery door as shown below. Otherwise, you may break it.



Changing Your SIM Card and Battery

Your SIM (*Subscriber Identity Module*) card contains your phone number, service details and phonebook/message memory. Install it in your phone by placing it in the SIM card slot located on the back of your phone beneath the replaceable battery.



Battery Tips

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



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



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





Contact your local recycling center for proper battery disposal.


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

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






Turning On/Off Your Phone

To turn on/off your phone, press and hold the Power/End key . If necessary, enter your SIM card PIN code and press .

Note: If you enter an incorrect code 3 times, your SIM card is disabled and the phone displays **SIM Blocked**. If necessary, enter your 4-digit code and press  to unlock your phone. The default unlock code is set to 1234.

Note: To automatically turn the phone on or off, see “Powering Off in Standby or Automatically Turn Off” on page 24.

Making and Answering Calls

To make a call, enter the number with the keypad keys, then press  to make the call. (Press **DELETE** () to erase the last digit. Press and hold **DELETE** () to erase all digits.)


To make a call from the phonebook, see page 52.

To answer a call, press .

You can also press the **Multi-Key** answer function.


Find the Feature


-  > **Settings > In Call Setup**
- > **Answer Options**
- > **Multi-Key On**

Press  to end a call.

Adjusting the Volume

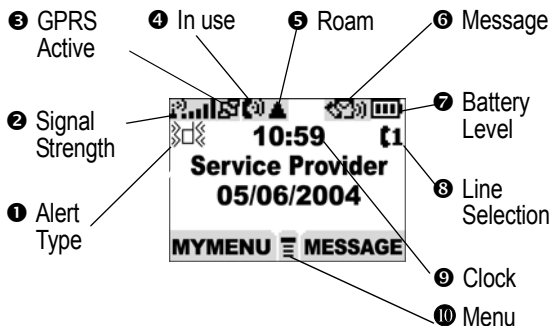


When you are in a call, you can adjust the earpiece speaker volume by pressing  right or left.

When the phone display is in idle, press  right or left to adjust the ring volume. Increase/decrease the volume by pressing to the right/left.

Learning to Use Your Phone

Symbols on the Screen



1 Alert Type Shows the current selected alert profile. The default alert setting is loud ring.

2 Signal Strength Shows the strength of your phone's connection with the network.

3 GPRS Active Indicates that your phone is using a high-speed GPRS network connection. GPRS allows faster data transfer speeds. The indicator does not mean that you are in a call, only that you are registered on the network via a GPRS connection.





- ④ **In use** Indicates when a call is in progress and when you have a secure or insecure connection.
- ⑤ **Roam** Appears when your phone uses another network system outside your home network.
- ⑥ **Message** Appears when you have a new voice or text message waiting. An icon here can also indicate your text entry mode, alphabet, numeric, symbol and etc.
- ⑦ **Battery Level** Shows the amount of charge left in your battery. The more bars visible, the greater the charge.
- ⑧ **Line Selection** Displays the current phone line you are using, depending on the service provider.
- ⑨ **Clock** Displays the real time (see page 21).
- ⑩ **Menu** Indicates that you can press the menu key to open the system menu.

Using the Menu

Navigating to a Feature

Use these keys to move through your phone's menu system:



Apply the function identified by the right display prompt.



Apply the function identified by the left display prompt.



Make and answer calls, and view recent dialed calls.



Press and hold to turn on/off the phone. Press and release to end calls and exit menus.




Scroll through menus/lists, and set feature values.

The following demonstrates how to select a feature and enter information:



Find the Feature



> **Recent Calls** > **Dialed Calls**

Press , scroll to **Recent Calls**, then select it to see the information of the last call.

Selecting a Feature


Scroll through numeric items. Press **VIEW/SELECT** () to see the details of a highlighted item. Press  again to enter the sub-menu.


Press **BACK/EXIT** () to return to a previous screen.


Entering Feature Information

Features such as **Phonebook** and **Greeting** require you to enter detailed information.

Enter numbers or text with the keypad.

Press **CANCEL** () to exit the menu without making changes.


Note: **OK** () appears when you enter information. Press it to save the information.


Press **CHANGE** () to edit a selected item. Also, you can scroll through numeric items.



Entering Text








The default Tap Method makes it easy for you to enter names, numbers and text messages on your phone. You can enter all characters (letters, numbers, and symbols) using the standard Tap method.




To enter text with the Tap method, press a number key 1 or more times to cycle through characters. Release the key to enter the displayed character. Press **OK/SEND** () when you are finish editing.

To cycle through iTap, Tap and Numeric modes, press  to enter **Entry Method**, then scroll to the entry mode you would like to apply.

Character Chart



Use this chart as a guide for entering spaces, numbers, letters, symbols, and other characters with the Tap Method text mode. Press the same key repeatedly to cycle through available characters.

	. 1 ? ! , @ _ & ~ : ; " - () ' ` i i % £ \$ ¥ ¤ €
	A B C 2
	D E F 3
	G H I 4
	J K L 5
	M N O 6
	P Q R S 7



	T U V 8
	W X Y Z 9
	+ - 0 x * / \ [] = > < # §

Note: The Tap sequence could be different in different language Tap input method.

Capitalization

Press	To
 (up/down)	change the words to initial character capitalized, all uppercase characters
or	
	add a space

Delete Letters and Words

Action
Press DELETE () to delete 1 letter at a time.
Press and hold DELETE () to delete the entire message.

Note: Sizes of characters may vary from 1 language to another.



Folding Back the Phone

Whenever you fold back your cell phone, all ongoing operations will be canceled and the screen displays the original entrance screen content.



Setting Up Your Phone

Setting the Time and Date

Find the Feature

 > Settings > Other Settings
> Initial Setup > Time and Date

Changing Personal Greetings

Find the Feature

 > Settings > Other Settings
> Personalize > Greeting

Choosing Alert and Ring Tones

Your phone rings and/or vibrates to notify you of an incoming call, message, or other event. This ring and/or vibration is called an *alert*. You can select 1 of 6 different alert profiles: **Loud Ring**, **Soft Ring**, **Vibrate**, **Vibrate & Ring**, **Vibrate then Ring**, and **Silent**.

Each alert profile contains settings for ringer and keypad volume. It also includes alert tone settings for different events (incoming calls, text messages, voicemail and messages). You can change the setting in each profile.

To choose an alert profile:


Find the Feature

 > Ring Styles > Ring Type
> *desired profile*




To assign alert profiles to specific events:

Find the Feature

-  > **Ring Styles > Tone Details**
- > *desired event*
- > *alert for event*


Setting Backlight

Find the Feature

-  > **Settings > Other Settings**
- > **Initial Setup > Backlight**
- > *desired time span*

Setting Contrast


Find the Feature

-  > **Settings > Other Settings**
- > **Initial Setup > Contrast**
- > *desired amount*

Setting Display Scrolling

To set the cursor to stop or to wrap around when it reaches the top or end of a list:

Find the Feature

-  > **Settings > Other Settings**
- > **Initial Setup > Scroll**
- > *desired scroll*

Setting Main Menu Animation

Find the Feature


-  > **Settings > Other Settings**
- > **Initial Setup**
- > **Main menu animation**
- > *desired mode*



Setting Battery Save

To conserve the phone's power:

Find the Feature

-  > **Settings** > **Other Settings**
> **Initial Setup** > **Battery Save**
> *desired mode*

Note: The screen saver does not come on if **Battery Save** is set to **ON**.

Resetting All Options

To restore all options to factory default values, except unlock code, security code, and lifetime timer:

Find the Feature

-  > **Settings** > **Other Settings**
> **Initial Setup** > **Master Reset**

To reset all options, you need to enter the **Security Code** (000000).

Clearing All Information

To reset all options to their factory settings and clear all user entries (such as downloaded wallpapers, Main menu animation, and sounds):

Warning: This option erases all user-entered information, including phonebook entries and downloaded files. Once you erase the information, it cannot be recovered. It resets



all options back to their factory settings except for the unlock code, security code, and lifetime timer.

Find the Feature

-  > **Settings > Other Settings**
> **Initial Setup > Master Clear**


To clear all information, you need to enter the **Security Code** (000000).

Setting Up Your Phone for Optional Handsfree Use

Handsfree operation makes it possible for you to make and receive calls without using your hands.

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

Find the Feature

-  > **Settings > Other Settings**
> **Headset > Auto Answer**
> *desired mode*

Powering Off in Standby or Automatically Turn Off

Find the Feature

-  > **Settings > Other Settings**
> **Initial Setup > Power On/Off**



Calling Features







Displaying Your Phone Number

You must enter your phone number before you can display it.

From the idle display:

Find the Feature

 > **Settings > Phone Status**
> **My numbers**



Press	To
1 View ()	see the entry details
2 CHANGE () or DELETE ()	change NAME, No., or Speed No. exit the screen
3 OK () or DELETE ()	confirm the change cancel the change
4 DELETE ()	confirm the change

Note: Your phone number must be programmed on your SIM card in order to use this feature.




Redialing a Number



You can redial a previously dialed phone number, whether the call connected or was busy. From the idle display:

Press	To
1 	go directly to the dialed calls list
2 	redial the highlighted number

or

Find the Feature

 > **Recent calls** > **Received Calls, Dialed Calls, or NotePad**

Press	To
1 	scroll to the entry you want to call
2 	redial the highlighted number

Using My Caller ID





The calling line identification (Caller ID) feature lets you see who is calling before you answer. If the caller's name is stored in your **Phonebook**, the phone automatically displays the name. Otherwise, the phone displays the caller's phone number.

If Caller ID information is not available, your phone displays **Incoming Call Unknown**.

Terminating an Incoming Call

While the phone is ringing or vibrating:

Press	To
 or IGNORE ()	cancel the incoming call




Depending on your phone settings and the type of subscription you have, the call may be forwarded to another number or go directly to voicemail, or the caller may hear a busy signal.

Dialing an Emergency Number

Your service provider programs 1 or more emergency phone numbers (such as 112 or 911) that you can call under any circumstances, **even when your phone is locked or the SIM card is not inserted.**

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

To call the emergency number at any time:


Press	To
1 keypad keys	dial the emergency number (such as 112)
2 	call the emergency number



Dialing International Numbers



To dial the local international access code:

Action

Press  for 2 seconds to insert the international access code +, then enter in the country code for the country that you would like to connect to (for example, +44 for the U.K., +33 for France), then enter the rest of the phone number.

Inserting Special Characters into Dialing Sequences

You can insert special characters into a phone number.


While dialing (with digits visible in the display), press and hold  to display a **p**. Continue to press and hold  to display a **w**.

Option	Description
Insert Pause (insert a p)	Your phone waits until the call connects before it dials the next digit(s) in the series.
Insert Wait (insert a w)	Your phone waits until the call connects, then prompts you for confirmation before it dials the next digit(s).










Viewing the Received Calls, Dialed Calls, or Missed Calls List

Your phone keeps lists of the numbers from calls you recently received, dialed, and missed, even if the calls did not connect. The lists are sorted from the newest to oldest entries. The oldest entries are deleted as new ones are added. Each entry tells you the person's number (or name, if available) and whether or not the call connected. You can call, store, or delete the numbers on these lists.

Shortcut: Press  to go directly to the dialed calls list from the idle display.

Find the Feature




 > Recent Calls

Press	To
1 	scroll to Received Calls , or Dialed Calls 
2 SELECT ()	select Received Calls or Dialed Calls
3 	scroll to an entry you want to call, store, or delete
4 	call the entry's number
or	
View ()	see the entry's details
or	
Back ()	go back to the last menu list.



Returning a Missed Call

When powered on, your phone keeps a record of your missed calls. When you cannot answer a call, your phone displays the unanswered call.

	Press	To
1	VIEW ()	see the Unanswered Call list, beginning with the most recent call
2		scroll through the list and select a call you want to view
3		make the call

Note: If you have an unanswered call, the phone will display **1 Unanswered Call**.

Entering Numbers in the Notepad

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the *notepad*. These digits can be the last phone number that you called or a phone number that you simply entered but did not call. These digits remain in the notepad even when you turn off the phone.

To call the number, create a phonebook entry, or perform other operations with the number stored in the notepad:

Find the Feature

 > **Recent Calls** > **Notepad**

Using Voicemail



You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network—not on your phone. Contact your service provider for more details.




Storing/Changing Your Voicemail Number

Store your voicemail number in your phone to make it faster and easier to use voicemail. Your voicemail number is provided by your service provider.

Find the Feature

 > **Messages** > **Voicemail**

 > **Voicemail Setup**

Press	To
1 keypad keys	enter the phone number for your voicemail
or	
CANCEL ()	exit the screen
2 OK ()	store the number
or	
DELETE ()	delete the number

Receiving a New Voicemail Message

When you receive a voicemail message, your phone displays **New Voicemail** and a voicemail indicator. (Some networks only indicate when you have messages, whether



they are new or not.) If you delete all voicemail messages, the voicemail indicator will disappear.

Listening to a Voicemail Message

To listen to your voicemail message at any time:

Find the Feature



 > **Messages** > **Voicemail**

Your phone calls the voicemail phone number you stored. If you do not have a voicemail number stored, the phone guides you through storing a number.

Speed Dialing

Speed dial lets you dial any phonebook entry with a minimal number of key presses.

When you store an entry in your phonebook, it is assigned a unique speed dial number. You can then use the speed dial feature to call the entry. In the idle display:

	Press	To
1	keypad keys	enter the speed dial number for the entry you want to dial
2		submit the number
3		call the entry

Note: To edit phone numbers in the **Entry Details** of the speed dial, see “Editing a Phonebook Entry” on page 55.



1-Touch Dialing

You can call phonebook entries 1 through 9 with the push of a single key. The first 9 numbers from the SIM card are stored in the 1-Touch Dialing locations 1-9. Press and hold the 1-digit speed dial number for 1 second.

Find the Feature

-  > **Settings > Other Settings**
- > **Initial Setup > 1-Touch Dial**
- > **SIM or Fixed Dial**

Note: To change 1-Touch numbers, go to **Phonebook** to change the **Speed number**.

Quick Dialing



You can dial pre-programmed numbers stored on your phone. Your service provider may program your phone with one or more quick dial numbers, such as the customer service number. You can call them by selecting them from the quick dial list.


Find the Feature

-  > **Quick Dial**

Note: Your service provider may use a different name for this feature.

To change your quick dial numbers:

Find the Feature



-  > **Settings > Other Settings**
- > **Personalize > Quick Dial**




Using Call Waiting



If you subscribe to call waiting, an alert tone sounds while you are on a call to indicate that you have received a 2nd call. To put the 1st call on hold and answer the 2nd call.

Press	To
1 	answer the new call
2 Swap ()	return to the 1st call

Note: You can press **SWAP** () at any time to switch between calls.

To activate or deactivate call waiting:

Find the Feature

 > **Settings** > **In Call Setup**
> **Call Waiting**

Forwarding a Call









Call forwarding sends your phone's incoming calls directly to another phone number. Use call forwarding options to specify which calls your phone should forward. Turn off call forwarding when you are ready to accept calls on your phone again.

Set Up or Cancel Call Forwarding

Find the Feature

 > **Settings** > **Call Forward**
> *Voice Calls*

Press	To
1 	select the desired mode
2 Select  or Exit 	choose the entry exit the entry
3 	select Status, On to Off
4 Select  or Back 	confirm the choice go back

The **Call Forward** option includes **Voice Calls** and **Cancel All**.

Note: You can repeat this procedure to enter forwarding information for other call types.






Conference Calls



To talk to more than 1 person on a call, you can make a conference call. Call the 1st person, then the 2nd person, and link the 2 calls.

Press	To
1 keypad keys	dial the 1st person's number



Press	To
2 	call the number
3 Hold ()	put the 1st call on hold
4 keypad keys	dial the next person's number
5 	call the number Your phone displays a new active call indicator over the call on hold.
6 LINK ()	connect the 2 calls
7 	end the entire call




Barring a Call







Call barring lets you restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.

Find the Feature


 > **Settings** > **Security**
> **Call Barring**

Press	To
1 	scroll to Outgoing or Incoming calls
2 SELECT ()	select barring for Outgoing or Incoming calls
3 	scroll to a restriction for the barred calls

Press	To
4 SELECT ()	select the restriction for the barred calls
5 	scroll to On or Off
6 SELECT ()	select On or Off
7 keypad keys	enter your call barring password (from your service provider)
8 OK ()	submit your password

Putting a Call on Hold

Action

Press **Hold** () (if available).

or

Press  > **Hold**.



Messages and Chat



Text messages are brief messages that you can send and receive (such as **Where are we meeting?**). Received messages appear on your phone display or in your text message inbox.



You must set up the text message inbox before you can send and receive these messages. The total number of messages the inbox can hold depends on the length of the message, and the number of other messages and drafts stored in your phone.

Note: Your service provider may have already programmed the text message inbox settings for you.


Setting Up the Text Message Inbox

Find the Feature

-  > **Messages**
-  > **Text Msg Setup**

Press	To
1 	scroll to Message Center
2 Select ()	change the Service No. which is provided by your service provider



Press	To
3 keypad keys	enter the phone number for the service center that handles your outgoing messages
4 OK ()	store your service center number


Sending Messages, Pictures, and Sounds

You can send text messages and pictures or sounds to one or more recipients. You can manually enter each recipient's phone number, or select one or more numbers from the phonebook or recent calls lists. When the messages are sent, they will be saved to the outbox.

Note: Files may not be compatible with some brands of handsets.









Find the Feature




-  > **Messages**
-  > **Create Message**
- or > **Create**

Press	To
1 SELECT ()	start message editing
2 keypad keys	enter the message
or	





Press	To
	to insert Quick Note or media such as a picture, animation, or sound file in the message, press:  > <i>Insert Media</i> > <i>object type</i> > <i>object</i> Note: Message length is limited. The counter at the top of the display shows how many characters are left.
3 SEND ()	insert the phone number(s)
4 [NEW Entry] > keypad keys	enter 1 or more phone numbers where you want to send the message
or	
 > Phonebook	select 1 or more phone numbers from the phonebook.
5 DONE ()	store the number(s)
or	
REMOVE ()	delete the number(s)
6 SEND ()	finish the message Your phone displays Send Msg Now? .
7 YES ()	send the message
or	

Press	To
No () > OK () or CANCEL ()	store the message exit without saving the message

Viewing Message Status

Text messages that you send are stored in the Outbox. To view the content of your Outbox:

Find the Feature


 > Messages > Outbox

Text messages are sorted from the newest to oldest.


Note: Your Outbox includes 3 options: **Draft**, **Unsent** and **Sent**.

Receiving and Reading Messages

Note: You must set up the text message inbox before you can receive text messages.

When you receive a new message (including browser message), your phone displays **New Message** and gives you an alert. Press **READ** () to open the message.



You can press  to view the **Text Msg Menu**, which includes the following options:

Options	Description
Delete	Delete the message.
Call Back	Call the number in the message header or embedded in the message.
Reply	Open a new message. The phone will automatically use the sender's number as the destination number.
Forward	Open a copy of the text message, with an empty To field.
Lock	Lock the message so that cleanup does not delete it.
Store Number	Save callback number.
Create Message	Create a new message.

Using Browser Messages

Your network server can send you browser messages.

Find the Feature

 > **Messages** > **Browser Msgs**











Sending Quick Notes

To insert a Quick Note:

Find the Feature

 > **Messages** > **Quick Notes**

To edit a quick note:

Press	To
1 READ ()	select and create the desired note
2 SEND () or DELETE () or keypad keys	send the note delete the note edit the note
3 SEND ()	confirm the message and go to next step
4 [NEW ENTRY] > keypad keys or 	to enter phone number select the number from Phonebook
5 OK ()	confirm the number
6 YES ()	send the note
7 SELECT ()	go to the next step





Using Info Services

Info Services allow you to receive broadcasting messages such as the latest stock information or news. Before you use the feature, make sure you have done **Info Srvc Setup**.

Note: This feature depends on your service provider.

Find the Feature

 > **Messages** > **Info Services**




Using Instant Messaging


Use instant messaging to exchange messages in real time with other wireless phone users. The messages you send display immediately on the other users' phones.

Logging into IM




Find the Feature

 > **IM** > **Log In**

	Press	To
1	keypad keys	enter your IM ID
2	OK ()	submit your IM ID
3	keypad keys	enter your Password (case-sensitive)
4	OK ()	submit your Password .
		Tip: To log in automatically next time, scroll to Offline Settings > Auto Login after you submit your password.
5	 up or down	scroll to your Contact List

Press	To
6 Select ()	view the Contact list

Your **Contact List** is sorted by online status:

- **Conversations** display 1st. These are online IM users having active conversations with you. Press **VIEW** () to open your conversation with them.
- **Online Contacts** are logged in to IM. Press **SEND IM** () to send the person a message. A busy indicator shows that someone is busy and unable to respond.
- **Offline Contacts** are logged out of IM. An alert indicator shows that you have set an alert for the person. You can press **SEND IM** () to send a message, in case the person has logged in since you refreshed your list.

Note: To refresh your **Contact List**, press **Refresh List** while viewing the list.



Sending and Receiving Instant Messages

When you log into IM, you can exchange messages with other IM users.




Press	To
1  up or down	scroll to a name on the Contact List







Press	To
2 SEND IM () or VIEW ()	start a conversation with the person reopen a conversation in progress
3 keypad keys	enter messages text
4 SEND	send the text message text

Your phone displays the conversation history, where you can see the text you sent and the person's replies as they arrive. In the conversation display, you can:




Press	To
1 Back	return to the Contact List , where you can open more conversations.
2 	return to the home screen, without logging out of IM or closing the conversation. Note: Your phone displays New IM if you receive a message while on the home screen or in another application
3  > Contact Info	view the screen name and online status of the person in this conversation
4  > Add Contact	add the screen name to your Contact List

Press	To
5  > End Conversation	end the conversation

Note: If you log out of IM, you can still view the conversation text by pressing  > **IM** > **Offline Convs.** from the home screen. Turning off your phone erases the conversation.



Setting Your Online Status

When you log in to IM, your online status is visible to other IM users. To set your online status:


Press	To
1  up or down	scroll to My Status
2 SELECT ()	select the option
3  up or down	scroll to Available , Busy , or Invisible
4 SELECT	select the status setting

Setting Up IM


Adding and Removing Contacts

To add a name, open your **Contact List** or a conversation and press  > **Add Contact**. If you are not in a conversation, enter the new screen name and press **OK** (). IM returns an error if it cannot verify the name on the server.



To remove a name from your **Contact List**, highlight the name and press  > **Delete Contact**.

Setting an Alert for Offline Contacts

To receive notification when someone logs into IM, highlight the name in your **Contact List** and press  > **Set Online Alert**.

Setting Your Busy Message

If you are logged in to IM but not responding to new messages, you can set the busy indicator to display next to your name in everyone else's **Contact List**. From the **IM Online** menu, select **My Status** > **Busy**.

To create or edit a busy message that is automatically sent to IM users attempting to contact you, select **Busy Message** from the **IM Online** menu.

The **IM Online** menu displays when you log in, and when you press **BACK** from your **Contact List**.

Setting Your IM Alert

IM can sound an alert when new messages arrive or when a person for whom you have set an alert logs in to IM.

To turn the IM alert on or off, select **Settings** > **Set Sounds** from the **IM Online** menu.

Logged Out of IM

Select **Log Out** from the **IM Online** menu.











Using Chat

You can exchange text messages in real time with another wireless phone user in a chat session. The messages you sent display immediately on your chat partner's phone.


Start a Chat Session

Find the Feature

 > **Chat** > **Start Chat**

Press	To
1 keypad keys	enter your Nickname
2 OK ()	save your Nickname
3 keypad keys	edit your first chat message
4 OK ()	save the message
5 	scroll to Phone Number Entry or PB lookup
6 keypad keys	enter your chat partner's phone number
or	
	scroll to PB lookup and select a number from the phonebook
7 OK ()	send the chat message
	when your chat partner replies, the reply appears over your text.
8 CHAT ()	enter a reply to your partner
9 OK ()	send your reply



Press	To
10 SUSPEND ()	suspend this chat and Resume Chat or End Chat later when Chat is selected again

Note: When your phone displays **Memory is Full**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new chat messages.

Review Chat History



You can see chat history from:

Find the Feature

 > **Chat** > **History**

Respond to Chat

When you receive a chat message, your phone displays Chat indicating the name of the person wanting to chat, and gives an alert.

Press	To
1 IGNORE ()	refuse the chat session
2 ACCEPT ()	accept the chat session

If reminders are turned on, your phone sends a reminder at regular intervals until you respond to the chat notification or turn off your phone. If you receive another chat request during a chat session, the new request appears as an incoming text message, with the requester's chat name at the beginning of the message.



End a Chat Session

A chat session also ends when you turn off the phone, answer an incoming call, or start a new chat session.

Your chat partner is not notified when you end a chat session. If your partner sends more chat text, the phone treats it as an incoming text message, with your chat partner's chat name at the beginning of the message.





Phonebook




You can store a list of names and phone numbers in your phone's SIM card. You can view these entries and call them directly from your phone.

To see the list of names stored in your phonebook, press

 > **Phonebook** from the idle display. Scroll to a name and press **View** () to view details of the phonebook entry.

Storing a Phonebook Entry

A phone number is required for a phonebook entry. All other information is optional. You can store a phonebook entry on your SIM card only.








Shortcut: Enter a phone number in the idle display, then press **STORE** () to create a phonebook entry with the number in the **NO.** field. Go directly to step 3 in the following procedure to enter additional information and store the entry.

Note: You can also use the following procedure to store a fixed dial entry by scrolling to and selecting **Fixed Dial**.

Enter Information


Find the Feature

 > **Phonebook** > **New Entry**

Press	To
1 SELECT ()	go to Entry Details screen
2 CHANGE ()	select Name
3 keypad keys	enter a name for the phonebook entry
4 OK ()	store the name
5 CHANGE ()	enter the phone number
6 OK ()	store the phone number
7 	scroll to Speed No. , the number to speed dial the entry The next available speed dial number is assigned to a new phonebook number by default.
8 CHANGE ()	select Speed No. if you want to change it
9 keypad keys	enter a different speed number if desired






Press	To
10 OK ()	save the modified speed number
	If your chosen speed number is already assigned to another entry, you are asked if you want to replace that entry.

Complete Phonebook Entry

When you finish entering information for a phonebook entry:

Press	To
DONE ()	store the entry and return to the phonebook list

Note: Users can only store the phone numbers to the SIM card but not into the phone memory.

Dialing a Phonebook Entry



You can use the phonebook list, speed dial, or 1-touch dial to call a number stored in your phonebook.

Phonebook List

Find the Feature

 > **Phonebook**






Press	To
1 	scroll to the entry you want
2 	call the entry

Editing a Phonebook Entry

You can edit a phonebook entry stored on your SIM card. If you change an entry's speed dial number, the entry is moved to the new speed dial location and the original entry is deleted.

Find the Feature




 > Phonebook

Press	To
1 	scroll to the entry you want to edit
2 VIEW ()	display the entry's detailed view
3 EDIT ()	edit the phonebook entry



Deleting a Phonebook Entry

Find the Feature

 > Phonebook

Press	To
1 	scroll to the entry you want to delete
2 	open the phonebook menu
3 	scroll to Delete



Press	To
4 SELECT ()	select Delete
5 YES ()	confirm the deletion

Sorting and Copying Phonebook Entries







You can copy a phonebook entry from a SIM card location to another SIM card location.

Note: This function copies the original entry to a new location. It does not delete the original entry.

Copy a Single Entry

Find the Feature




 > **Phonebook**

Press	To
1 	scroll to the entry you want to copy
2 	open the phonebook menu
3 	scroll to Copy Entry
4 SELECT ()	select Copy Entry
5 YES ()	confirm that you want to copy an entry
or	
NO ()	cancel the option

Checking Capacity

To check how much space is left in your phonebook, your phone displays the number of entries that are used and the number available. To see how much memory is left in your SIM card.



Press	To
1 	open the phonebook menu
2 	scroll to Capacity
3 SELECT ()	select Capacity Your phone displays the number of SIM card phonebook entries available.


Personalizing Your Phone





You can adjust your phone menus and features.

Customizing Menus

You can customize the order of the items in your phone's main menu, depending upon your usage.

Find the Feature





 > **Settings** > **Other Settings**
> **Personalize** > **Main Menu**

Press	To
1 	scroll to the menu item you want to move
2 GRAB ()	select the menu item you want to move
3 	move the item up or down the menu
4 Insert ()	insert the item in the new location
or	
CANCEL	exit the screen

Redefining Soft Keys

Find the Feature

 > **Settings** > **Other Settings**
> **Personalize** > **Keys**

Press	To
1 	scroll to Left or Right
2 SELECT ()	open the key editor
3 	scroll to the new key function
4 SELECT ()	confirm the new function

Selecting a Favorite Wallpaper

Find the Feature


 > **Settings** > **Other Settings**
> **Personalize** > **Wallpaper**

Setting	Description
Set Layout	select Center or Tile
Picture	select the picture for the background image in your idle display



Selecting a Customized Screen Saver

Find the Feature

 > **Settings** > **Other Settings**
> **Personalize** > **Screen Saver**

Press



To

select the **Animation** that appears when your phone is idle

or

select **Idle Time** to set how long your phone must be idle before the screen saver appears

Note: If this setting is longer than your **Display Timeout** setting, then your display will turn off before you see the screen saver.

Selecting a Different Language

Find the Feature

 > **Settings** > **Other Settings**
> **Initial Setup** > **Language**


Selecting a Greeting

Find the Feature

 > **Settings** > **Other Settings**
> **Personalize** > **Greeting**

Selecting a Color Setting


Find the Feature



 > Settings > Other Settings
> Personalize > Color Setting

Customizing a Banner

You can customize your banner so that it will display under the name of your service provider on the phone's screen.

Find the Feature

 > Settings > Other Settings
> Personalize > Banner

Press	To
1 keypad keys	enter the wording you would like to display for your banner
2 OK ()	confirm your entry
or	
DELETE ()	cancel the entry

Using MyMenu

MyMenu enables you to quickly access your favorite menu features.

Using MyMenu Shortcut


You can use **MyMenu** from the idle display, while on a call, or while scrolling through a menu.

Note: Not all features can set **MyMenu Shortcut**.



Use a MyMenu Key Command

If you know the **MyMenu** key number:

Press	To
1 	open the menu
2 the MyMenu key number	go to the menu item, or perform the menu action



Select a Feature From the MyMenu list





To select a feature from the **MyMenu** list:



Find the Feature

 > **MyMenu**
> *desired feature*

Note: To edit or delete a **MyMenu** feature, highlight it in the list and press  to open a menu of options for the feature.

Adding a MyMenu Shortcut

Press	To
1 	enter the menu system
2 	highlight the menu item
3 press and hold 	open the MyMenu editor The phone displays Assign MyMenu for: “Item”? , where <i>Item</i> is the name of the item you selected.
4 Yes ()	view your options

Press	To
5 CHANGE ()	change the MyMenu key number, if necessary
or	
DONE ()	select the MyMenu key number and close the editor

Downloading Ring Tones

You can download ring tones from the browser (see page 78).



Getting More Out of Your Phone

Dialing Options

Fixed Dialing

When you activate the Fixed Dial feature, your phone can place calls only to the numbers in the Fixed Dial list.

Note: Employers can use Fixed Dial to limit employees' phones to a predefined list of numbers, country codes, or other prefixes.



Activating Fixed Dial

Fixed Dial list entries can be any length. You must enter your SIM PIN2 code, which you receive from your network service provider.


Find the Feature

 > **Settings** > **Security**
> **Fixed Dial**

Service Dialing

You can dial preprogrammed numbers stored on your SIM card. Your service provider can program your SIM card with phone numbers for services such as taxi companies, restaurants, and hospitals.

Find the Feature

 > **More** > **Service Dial**





Managing Your Calls

Calling a Number in a Text Message



If you receive a text message with an embedded phone number, you can dial the number directly.

Find the Feature

 > **Messages** > **Inbox**

	Press	To
1		scroll to the message with the desired number
2	READ ()	open the message
3		open the menu options of the desired number
4		scroll to Call Back



Press	To
5 CALL ()	call the number
or	
Back ()	return to the previous menu

If the message contains more than 1 phone number, scroll to the desired number and press **CALL** to dial.

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 or credit card number.



To set the tones to be Long DTMF or Short DTMF:


Find the Feature

 > **Settings** > **Other Settings**
> **Initial Setup** > **DTMF**

Monitoring Phone Use

Viewing and Resetting Call Timers

Your phone tracks and records call times. Use the **Recent Calls** menu to view and reset a call timer.



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 . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not be equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.



To view a call timer:

Find the Feature

 > Recent Calls > Call Times

Press	To
1 	scroll to the timer you want to view
2 SELECT ()	view the recorded time

To reset a call timer:

Press	To
1 RESET ()	reset the time if available
2 YES ()	confirm the reset

You can view the approximate network connection time elapsed during the following calls:

Timer	Description
Last Call	Time of the last call dialed or received. You cannot reset this timer.
Dialed Calls	Total time of dialed calls since the last time you reset this timer.





Timer	Description
Received Calls	Total time spent on calls received since the last time you reset this timer.
All Calls	Total time of dialed and received calls since the last time you reset this timer.
Life Time	Total time of all calls on this phone. You cannot reset this timer.

Viewing and Resetting Call Costs



Find the Feature

 > **Recent Calls** > **Call Cost**



Press	To
1 	scroll to the cost tracker you want to view
2 SELECT ()	view the recorded cost

To reset the call tracker:

Press	To
1 RESET ()	reset all the cost (if available)
2 OK ()	enter your PIN2 code to confirm the reset

Your phone network can provide the following call cost information:

Cost Tracker	Description
Credit Available	<p>Amount of your credit remaining. For GSM advice-of-charge, this is only available if you set a credit limit.</p> <p>Note: your phone receives cost information from the advice-of-charge feature or third-party prepaid software.</p>
Last Call Cost	Amount for the last call you dialed or received. You cannot reset this cost tracker.
All Calls Cost	<p>Amount for all dialed and received calls since the last time you reset this cost tracker.</p> <p>You can reset this value separately from Dialed Calls and Received Calls, so Dialed Calls plus Received Calls may not equal All Calls.</p>
Reset All Cost	Reset all call cost records.



Network Features

Network Selection

Find the Feature

 > **Settings** > **Other Settings**
> **Network**

Your service provider registers your phone to a network. You can view information about the current network, change how your phone searches for a network, specify your preferred networks, and activate alerts that indicate when a call is dropped or network registration changes.









Personal Organizer Features

Alarm Clock

You can create a **New Alarm** or activate a predefined alarm profile. To create a new alarm profile:

Find the Feature



 > Alarm Clock

Action	Description
1  > SELECT  [New Alarm]	create/edit alarm details: Name : Time : Alert: Volume:
2 	scroll to the item you want to edit
3 CHANGE ()	change details for the selected item
4 OK ()	confirm the item and repeat above method for other items.
5 DONE ()	save this alarm entry



Note: The alarm clock in your phone must be set while your phone is on. You can then power your phone off to conserve your phone's battery. Although your phone is powered off, the alarm clock will play an audible alert at the time you have set.


To enable/disable a predefined alarm profile:




Press	To
1 	go to the desired predefined alarm profile
2 ENABLE/DISABLE 	activate or cancel the alarm clock

Note: To edit the predefined alarm profile, refer to the steps above.

Calculator

Find the Feature


 > More > Calculator

Press	To
1 number keys	enter a number in the calculator
2 	highlight a calculator function
3 SELECT ()	perform the highlighted function
4 keypad keys	enter another number to calculate with the first one
5 	scroll to = to see the result






Converting Currency

Find the Feature


 > More > Calculator




 > Exchange Rate



Press	To
1 number keys	enter the exchange rate
2 OK ()	store the exchange rate
3 number keys	enter the number you want to convert
4 	scroll to \$ to see the result.
5 SELECT ()	convert the currency.

Using the Stop Watch

Find the Feature

 > More > Stop Watch

Press	To
1 START ()	start counting the time
2 STOP ()	stop counting the time
3 RESET ()	reset the Stop Watch

Note: After **Stop Watch** is activated, you can press **SNAPSHOT** () to keep track of the time elapsed for later reference. After stopping the **Stop Watch**, you can press  right and left to navigate through the **SNAPSHOT** time 1, 2, 3..., etc.



Security

Locking and Unlocking Your Phone

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


When you try to use a locked phone, it prompts you to enter the unlock code. (The default unlock code is 1234.) A locked phone still rings or vibrates for incoming calls or messages, but you must unlock it to answer.

You can make emergency call on your phone even when it is locked.

Lock Your Phone Manually


Find the Feature

 > **Settings** > **Security**
> **Phone Lock** > **Lock Now**


	Press	To
1	keypad keys	enter your 4-digit unlock code
2	OK ()	lock the phone

Set Your Phone to Lock Automatically


Find the Feature

 > **Settings** > **Security**
> **Phone Lock**
> **Automatic Lock** > **On**



Press	To
1 keypad keys	enter your 4-digit unlock code
2 OK ()	set the phone to lock automatically

Unlock Your Phone

Press	To
1 keypad keys	enter your 4-digit unlock code The unlock code is originally set to 1234.
2 OK ()	unlock your phone

Changing Your Unlock Code






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

If your service provider has not reset these numbers, we recommend that you change them to prevent other users from accessing your personal information or modifying your phone settings. The unlock code must contain 4 digits, and the security code must contain 6 digits. Be sure to make a note of the new numbers.

Find the Feature

 > **Settings > Security**
> **New Passwords**





Press	To
1 	scroll to the code or password you want to change
2 SELECT ()	select the code or password
3 keypad keys	enter your old code
4 OK ()	submit your old code
5 keypad keys	enter the new code
6 OK ()	assign the new code
7 keypad keys	re-enter the new code
8 OK ()	confirm the new code

If You Forget A Code Or Password

If you forget your security code (originally set to 000000), SIM PIN, SIM PIN2, or call barring password, contact your service provider.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, do the following:

Press	To
1 	go to the unlock code bypass screen
2 keypad keys	enter your security code
3 OK ()	submit your security code






Protecting the SIM Card

Your PIN (*Personal Identification Number*) code protects the information stored on your SIM card. When the SIM PIN feature is activated, you must enter your SIM card PIN code each time you turn on the phone or insert a SIM card. Your SIM card PIN code is given to you by your service provider.

Find the Feature

 > **Settings** > **Security**
> **SIM PIN**

Press	To
1 	scroll to On or Off
2 SELECT ()	switch protection on or off
3 keypad keys	enter your SIM card PIN code
4 OK ()	submit your code



News and Entertainment



Mobile Internet

The Web micro-browser lets you access Web pages and Web-based applications (such as online banking, shopping, and games) on your phone. Contact your service provider to set up access, if necessary.





Setting Up Your Phone for Mobile Internet Access

Note: Your service provider may have set up your phone for Internet access.



You can adjust the Mobile Internet network connection settings, or create a new network connection profile:

Find the Feature

 > **Browser** > **Browser Setting**
> **Set Profile**

Press	To
1 SELECT () or BACK ()	set the profile exit the option
2 	navigate to the preferred profile
3 SELECT ()	confirm the item










Press	To
or	
Back ()	return to the previous menu
4 	scroll to Set As Active or Edit
5 SELECT	confirm the item
or	
BACK	return to the last screen

Setting Up URL

Before you start using the browser, you 1st need to enter the URL.

Find the Feature

 > **Browser** > **Web Shortcut**

Press	To
1  (up or down)	navigate to the preferred item
2 GO TO ()	confirm the item
3 	choose to enter a new URL, edit or delete the chosen item
4 SELECT ()	select the item you wish to change (Title or URL)
or	
BACK ()	cancel the option
5 SELECT ()	select the item you wish to change
or	
Done ()	finish the setting





Accessing the Internet

Instead of using **Web Shortcut**, you can enter the URL yourself:


Find the Feature

 > **Browser** > **Go to URL**

Press	To
1 keypad keys	enter the URL
2 OK ()	confirm the entry and begin accessing the browser
or	
Delete ()	delete the entry
	Note: Press # to change entry method.

In addition to the above methods, you can start browsing by:

Find the Feature

 > **Browser** > **Start Browser**

Downloading Pictures, Animation and Ring Tones

You can download a file such as ring tone, wallpaper, or screensaver to your phone. To download files with the browser on a desktop computer or your phone:

Action
1 In the browser, go to the Web site and locate the file you want.



Action

- 2 Follow the directions on the Web site to purchase the file (payment details vary). The site sends a text message to your phone, containing the attached file or a URL link to the file.

Note: Normal airtime and/or carrier usage charges apply.

-
- 3 Open the message and store the file.
-

Note: When your phone runs out of memory for downloaded files, new files overwrite the old ones. Downloaded files share your phone's memory, so you can make room for a picture, for example, by deleting ring tones.

Games

Your phone comes with 3 games. If you receive an incoming call, message, alarm, or alert while playing a game, the game pauses.


When the game is over, you can purchase more advanced game levels.

Find the Feature

 > Games > game

Press



To

SELECT ()

start the game



When the game is over, you can play again or return to the **Games** menu, depending on the game.

Press	To
	pause the game session
or	
	end the game session and return to the game menu








Using My Tones

You can create custom alert tones for your phone. The tones you create appear in the list of available alerts.

Creating a Tone

Find the Feature







 > Ring Style > My Tones

Press	To
1 	scroll to [New Tone]
2 EDIT ()	go to Tone Details
3 CHANGE ()	select Notes:
4 keypad keys	enter notes for the tone
5 OK ()	store the notes
6 CHANGE ()	select Name:
7 keypad keys	enter the name for the tone
8 OK ()	store the name
9 DONE ()	store the tone

Entering Notes

To create a new tone, use the keypad keys to enter each note. Press a key multiple times to cycle through its available notes or options (pitch, octave, or length). The default setting for a new tone is a quarter note in octave 2.



Key	Display	Description
	1	set octave 1
	2	set octave 2
	3	set octave 3
	A	note A
	B	note B
	C	note C
	2	set octave 2
	D	note D
	E	note E
	F	note F
	3	set octave 3
	G	note G
	R	rest
	#	sharp
	B	flat
	Q	quarter note or quarter rest
	H	half note or half rest
	W	whole note or whole rest



Key	Display	Description
		move cursor left
		move cursor right

Enter a note as follows:











Task	Action
Change the octave	Set the new octave (1 , 2 or 3) before selecting the note. The new octave applies to the note and all following notes until you change it again.
Select the note (required)	Press a keypad key to enter a note.
Change a note to a sharp or flat	Enter a sharp or flat (# or b) after selecting the note. Some sharps and flats are played as standard notes. For example, B# is the same as C . Press up or down to scroll to valid notes when entering a new note.











Task	Action
Change a note's length	Set the new length (h , w , or q) after selecting the note. The new length applies to the note and all following notes until you change it again.
Add a rest	Enter 1 or more rests (R characters) as needed in the tone sequence. You can set the length of the rest by entering h , w , or q after the rest, just as you can for a note.

Example

Press these keys to play this sequence of notes and rests in octave 3: **C** (quarter note), **E flat** (quarter note), **half rest**, and **G** (whole note):

Press	To	Display
  	set octave 3	3
  	enter a quarter note C	C
   	enter a quarter note E flat	E_b









Press	To	Display
   	enter a half rest	Rh
   	enter a whole note G	Gw

Playing a Note

Find the Feature

 > **Ring Style** > **My Tones**

Press	To
1  up or down	scroll to the tone you want to play
2 	open My Tones Menu
3  up or down	scroll to Play
4 SELECT ()	select Play The phone displays the playback meter and plays the tone.
5 Play () or CANCEL ()	play the tone again return to the my tones list

Editing a Tone

You cannot edit the standard alert tones included with your phone. To edit a custom tone that you created:

Find the Feature

 > **Ring Style** > **My Tones**



Press	To
1 up or down	scroll to the tone you want to edit
2 EDIT ()	open the tone details
3 up or down	scroll to the details you want to edit (Name or Notes)
4 CHANGE ()	select the details you want to edit
5 keypad keys	enter new text or notes
6 OK ()	store the details

Deleting a Tone

You cannot delete the standard alert tones included with your phone. To delete a custom tone that you created:

Find the Feature

> **Ring Style** > **My Tones**

Press	To
1 up or down	scroll to the tone you want to delete
2	open My Tones Menu
3 up or down	scroll to Delete
4 SELECT ()	select Delete
5 YES ()	confirm the deletion

Troubleshooting

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



Specific Absorption Rate Data

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.¹ 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 1.2 W/kg , and when worn on the body, as described in this user guide, is 0.56 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).²

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

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

<http://www.phonefacts.net>

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

<http://www.cwta.ca>

1. 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.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Index

A

accessories 9, 24
alert 21, 34
animation 8

B

backlight 22
barring calls 36
battery 11
 extending battery life 12
browser 42

C

calculator 72
call
 making and answering 13
call barring 36
call cost information 69
call timers 66
call waiting 34
caller ID 26
chat 49
clock 71
codes 75, 76
cost tracker 68
credit information 69

currency converter 73
cursor 22
customizing the menu 58

D

date
 setting 21
default password 76
dialed calls list 27
display 25
DTMF tones 66
 defined 66

E

earpiece 14
emergency number 27
entry method 18
event alert 21
exchange rate 73

F

factory setting 23

I

ignoring a call 29
inbox
 text message 38

incoming call 27
indicators 15
iTap 18

K

key
 left soft key 1
keypad volume 21

L

language
 setting 60
Last Call menu 64
left soft key
 functions 1
lock 74
loud right alert 15

M

Master Clear 23
Master Reset 23
menu indicator 16
menu key 1
message 38
message indicator 16
micro-browser 78
microphone 1
missed call indicator 30
my telephone number 25
MyMenu 61

N

navigation key 1
notepad 30
numeric text mode 18

O

optional accessory 9
optional feature 9
outbox 41

P

phonebook 52
picture 59
PIN code 77
profile 15

Q

quick dial 33

R

received calls list 68
recent calls 66
redial 26
reminders 50
resetting 66, 68

S

soft keys
 illustration 1
storing a call 32

symbol 18

T

tap method text entry 18

text 18

text message 38

text mode

 changing 18

time

 setting 21

timers 23

U

unlock code 13, 75

V

voicemail 31

volume 14

W

wallpaper 59



MOTOROLA

***IMPORTANT SAFETY AND LEGAL
INFORMATION>***

Software Copyright Notice

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

Contents

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

Safety and General Information

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

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

Exposure To Radio Frequency (RF) Energy

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

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

Operational Precautions

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

External Antenna Care

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

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

Phone Operation

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

Body-Worn Operation

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

Data Operation

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

Approved Accessories

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

RF Energy Interference/Compatibility

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

Facilities

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

Aircraft

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

Medical Devices

Pacemakers

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

Persons with pacemakers should:

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

Hearing Aids

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

Other Medical Devices

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

Use While Driving

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

When using your phone while driving, please:

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

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

Operational Warnings

For Vehicles With an Air Bag

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

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.






Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted “Turn off electronic devices.” Obey all signs and instructions.

Batteries

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

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

Symbol	Definition
	Important safety information will follow.
	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.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

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

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

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

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

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

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

Repetitive Motion Injuries

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

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

FDA Consumer Information on Wireless Phones



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

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

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

Do wireless phones pose a health hazard?

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

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

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

frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

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

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

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

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

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

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

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

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

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

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

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

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

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

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

What about children using wireless phones?

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

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

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

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

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

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

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

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

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

Products and Accessories

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

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

Exclusions

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

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

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

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

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

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

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

Software

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

Exclusions

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

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

Who is Covered?

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

What Will Motorola Do?

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

How to Obtain Warranty Service or Other Information

USA	Phones 1-800-331-6456 Pagers 1-800-548-9954 Two-Way Radios and Messaging Devices 1-800-353-2729
Canada	All Products 1-800-461-4575
TTY	TTY 1-888-390-6456
For Accessories and Software , please call the telephone number designated above for the product with which they are used.	

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

What Other Limitations Are There?

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

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

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

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

Product Registration

Online Product Registration:

<http://www.motorola.com/warranty>

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

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

Thank you for choosing a Motorola product.

RF Energy Interference

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

Export Law Assurances

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

Wireless: The New Recyclable

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

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

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



MOTOROLA

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.



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

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

* Wherever wireless phone service is available.

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



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



motorola.com