



# *MOTOMANUAL*

E815  
CDMA

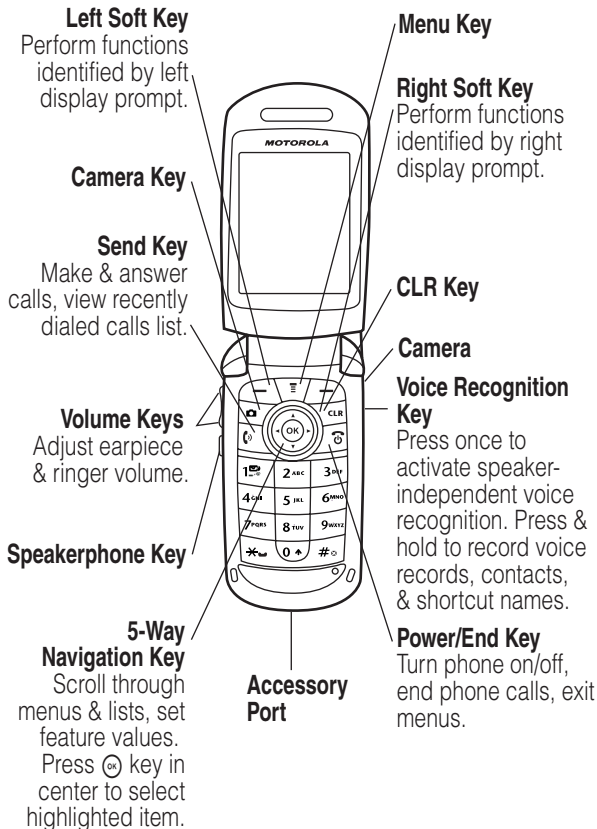
[motorola.com](http://motorola.com)



# Welcome

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We are pleased that you have chosen the Motorola E815 CDMA wireless phone.



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Manual Number: 6809495A17-O

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# Menu Map



## Main Menu



### Contacts



### Recent Calls

- Received
- Dialed
- Notepad
- Call Times
- Data Times
- Data Volumes



### Messaging\*

- Voicemail
- Create Message
- Inbox
- Outbox
- Preset Messages
- Drafts
- Browser Alerts
- Message Settings
- Cleanup Messages



### Mobile Web



### Media Gallery

- Camera
- Pictures
- Sounds
- Videos
- Video Camera
- Get Multimedia



### Games & Apps

- Games
- Applications



### Settings

- (see next page)



### Tools

- Calculator
- Datebook
- Shortcuts
- Voice Records
- Alarm Clock



### Phone Info

- My Tel. Number
- Active Line
- Battery Meter
- Storage Devices
- Other Information

\* Optional network/  
subscription dependent  
feature.

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



# Settings Menu



## Ring Styles

- Style
- *style* Detail



## Personalize

- Home Screen
- Main Menu
- Skin
- Wallpaper
- Screen Saver
- Sound Settings



## In-Call Setup

- In-Call Timer
- Answer Options
- Msg Alert



## Security

- Phone Lock
- Lock Keypad
- Lock Application
- Restrict Calls
- New Passwords
- Data Connections



## Initial Setup

- Time and Date
- SpeakerPhone
- Auto PIN Dial
- Auto Redial
- Display Timeout
- Backlight
- TTY Setup
- Scroll
- Language
- Battery Save
- Contrast
- Brightness
- DTMF
- Hyphenation
- Master Reset
- Master Clear



## Network Info

- Current Network
- Set Mode
- Service Tone
- Call Drop Tone



## Car Settings

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



## Headset

- Auto Answer
- Voice Dial



## Location



## Connection

- Bluetooth Link
- Incoming Call

## Apps Settings

- Backlight
- Sounds
- Notification

\* optional features



# Getting Started

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

## About This Guide

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

### Optional Features



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

### Optional Accessories



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

# Battery Tips

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

- Always use Motorola Original batteries and battery chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.
- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark, dry place, such as a refrigerator.
- Never expose batteries to temperatures below  $-10^{\circ}\text{C}$  ( $14^{\circ}\text{F}$ ) or above  $45^{\circ}\text{C}$  ( $113^{\circ}\text{F}$ ). Always take your phone with you when you leave your vehicle.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.



Contact your local recycling center for proper battery disposal.

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

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



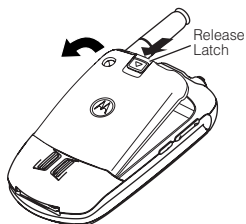
# Installing the Battery



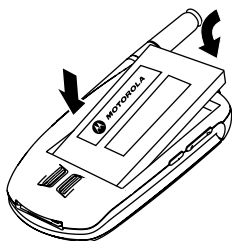
<sup>TM</sup> Your phone is designed to use only Motorola Original batteries and accessories.

**Note:** The battery door unsnaps more easily if you push it to the left as you remove it.

1



2



3

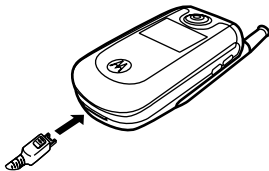


# Charging the Battery

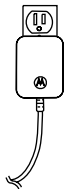
New batteries are shipped partially charged. Before you can use your phone, install and charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

## Action

- 1 Plug the travel charger into the bottom of your phone with the release tab facing up.



- 2 Plug the other end of the travel charger into the appropriate electrical outlet.



- 3 When your phone's interior display shows **Charge Complete**, remove the travel charger.

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

**Note:** When you charge the battery, the battery level indicator in the upper right corner of the display shows how much of the charging process is complete. At least 1 segment of the battery level indicator must be visible to ensure full phone functionality while charging.



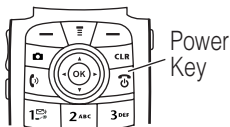
# Turning Your Phone On



## Action

- 1 Open your phone.
- 2 Press and hold the power key for 3 seconds.

The phone may require several seconds to power on.



- 3 If necessary, enter your 4-digit unlock code (the last 4 digits of your phone number) and press the right soft key to unlock the phone

## Adjusting Volume



Press up or down on volume keys to:


- increase or decrease earpiece volume during an active call
- temporarily silence an incoming call alert
- increase or decrease the ringer volume setting when the home screen is visible (flip must be open)



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



# Making a Call

Press	To
1 keypad keys	dial the phone number
2 	make the call
3 	end the call and “hang up” the phone when you are finished
<b>or</b>	
close the flip	

**Tip:** You can set the phone to answer calls when you open the flip. To activate, press  > **Settings** > **In-Call Setup** > **Answer Options** > **Open To Answer**.

# Answering a Call

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

Press	To
1 right soft key	answer the call
<b>or</b>	
	
2 	end the call and “hang up” the phone when you are finished
<b>or</b>	
close the flip	



# Changing the Call Alert

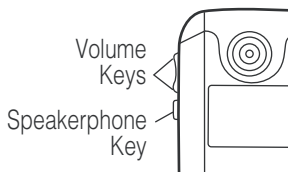
## Phone Flip Open

In the home screen, press the down volume key to switch to lower call alert volume, then switch to vibrate and, finally, silent alert. Press the up volume key to cycle back from silent alert to vibrate and then to the lowest volume alert volume setting.





## Phone Flip Closed


Press the up or down volume key, then press the speakerphone key to scroll through the alert styles: **Loud**, **Soft**, **Vibrate**, **Vibe then Ring**, and **Silent**. The alert styles are shown on the external display.



After scrolling to the desired alert style, press the up or down volume key to save the setting and return to the home screen.

## Viewing Your Phone Number

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

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





## ***Installing and Removing the Memory Card***

You can install a removable memory card in your phone. This card provides additional storage for pictures, animations, sounds, and video clips.

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

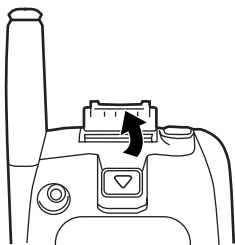
### ***Installing the Memory Card***

**Caution:** When you are not actively inserting or removing a memory card, keep the cover closed on the card slot to prevent damage.

With your phone powered off:

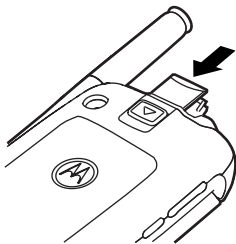
#### **Action**

- 1 Lift the cover at the top of your phone to expose the memory card slot.



**Action**

- 2 With the pins on the card facing inward, toward the front of the phone, insert the card as shown. Push down until it clicks into place.

**Removing the Memory Card**

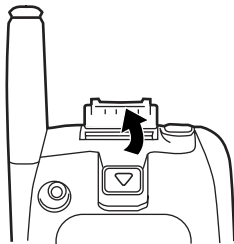
**Caution:** Do not remove the memory card while reading or writing files. Otherwise, it could be damaged.

**Caution:** When you are not actively inserting or removing a memory card, keep the cover closed on the card slot to prevent damage.

With your phone powered off:

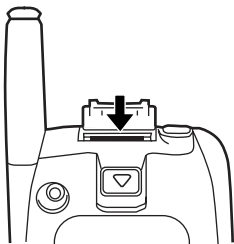
**Action**

- 1 Lift the cover at the top of your phone to expose the memory card slot.

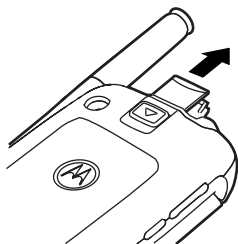


## Action

- 2 Press the memory card down. When you release it, it pops up.



- 3 Remove the card and close the cover.



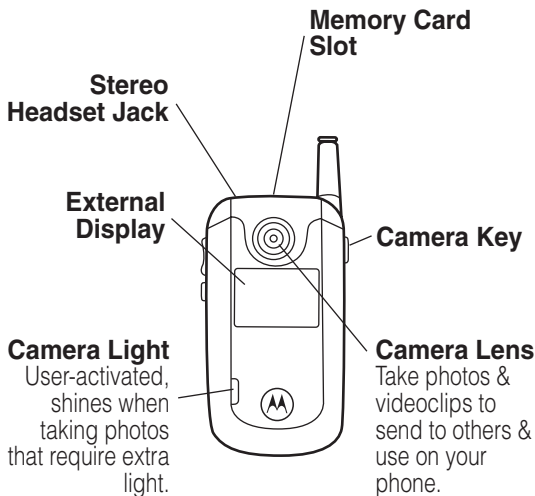
# Highlight Features

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

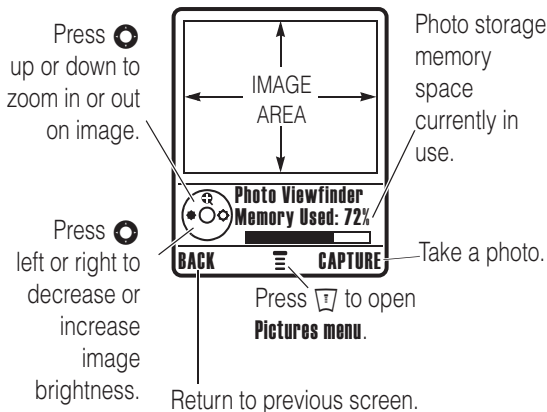
## Check It Out!



## Taking and Sending a Photo

From the home screen, press the camera key  to activate your phone's camera.

The active viewfinder image appears on your phone's display.




Point the camera lens at the photo subject, then:

Press	To
1  or <b>CAPTURE</b> key or	take a photo
2 <b>STORE</b> key or <b>ERASE</b> key	view storage options If you choose to store the photo, continue to step 3. delete the photo and return to the active viewfinder







Press	To
3 	scroll to <b>Send in Message, Store only, Apply as Wallpaper, Apply as Screen Saver, or Apply as Contacts Entry</b>  <b>Note:</b> For photos that you intend to use as wallpaper, we recommend that you go to <b>Pictures Setup</b> and set <b>Resolution</b> to <b>Low</b> (see page 21).
4 <b>SELECT</b> key	perform the storage option of your choice


## Taking a Self Portrait

To take a self portrait:

Action
1 Press  , then close the flip.  <b>or</b> With the flip closed, press and hold the camera key on the side of the phone.
2 Hold the camera with the lens aimed at yourself. Use the external display as a viewfinder.
3 Press the camera key on the side of the phone to capture the photo.

## Pictures Menu Options

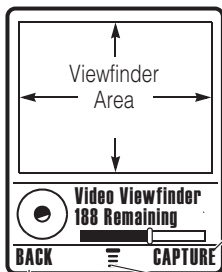
When the camera is active, press  to open the **Picture Menu**. The menu can include the following options:

Option	Description
<b>Go To Pictures</b>	View pictures and photos stored on your phone.
<b>Switch Storage Device</b>	Save the photo on optional memory card ( <b>TRANS-T-Flash</b> ), if installed, or on phone memory ( <b>Phone</b> ).
<b>Auto-Timed Capture</b>	Set a timer for the camera to take a photo.
<b>Flash On</b>	Set a camera light for photos taken in settings with low light.
<b>Adjust Contrast</b>	Increase or decrease contrast.
<b>Image Style</b>	Press  right and left to select <b>Color</b> , <b>Black &amp; White</b> , <b>Antique</b> , or <b>Negative</b> .
<b>Capture Title</b>	Assign a name to a captured photo.
<b>Pictures Setup</b>	Open the setup menu to adjust picture settings ( <b>Lighting Conditions</b> , <b>Resolution</b> , <b>Shutter Tone</b> ).
<b>View Free Space</b>	See how much memory remains for storing photos.



# Recording and Playing Video Clips

## Recording a Video



Begin recording video.

Press  to open **Videos Menu**.


Return to previous screen.

Find the Feature



> **Media Gallery** > **Video Camera**

### Action

- 1 Aim the phone at the scene you want to record.
- 2 Press the **CAPTURE** key to begin recording.  
or  
Press  to open the **Videos Menu** to select other options as described in the table below.
- 3 Press the **STOP** key to stop recording.
- 4 Press the **STORE** key to save the captured video clip as a file or message attachment.



The **Videos Menu** can include the following options:

Option	Description
<b>Go To Videos</b>	View video clips stored on the phone.
<b>Switch Storage Device</b>	Save the video clip on memory card ( <b>TRANS-T-Flash</b> ), if installed, or on phone memory ( <b>Phone</b> ).
<b>Video Setup</b>	Adjust settings for: <b>Auto Repeat</b> , <b>Timer</b> , <b>Video Length</b> , <b>Lighting Conditions</b> , <b>Recording Sound</b> , <b>Status Icons</b>
<b>View Free Space</b>	View how much memory remains for storing multimedia objects.



## Playing Video Clips

Press up or down to pause or play the video clip.

Press left or right to rewind or fast forward through the video clip.

Timer indicates minutes & seconds played.

View video clip information.

Press to open **Videos Menu**.

Return to previous screen.

You can send and receive video clips in multimedia messages.

To play a video clip stored on your phone:

Find the Feature



> **Media Gallery** > **Videos**



Press	To
1	scroll to the video clip
2 <b>PLAY</b> key	start video clip playback
3	control the video: up—pause; left/right—fast forward; down—stop
or	
<b>DETAILS</b> key	view video information
or	
	open the <b>Videos Menu</b> to select other options as described in the table below

**Note:** When you view a video clip in a multimedia message that does not contain text, pressing right may display a blank screen or restart the video clip.

The **Videos Menu** can include the following options:

Option	Description
<b>Send in Message</b>	Send the clip in a multimedia message.
<b>Switch Storage Device</b>	Save the video clip on memory card ( <b>TRANS-T-Flash</b> ), if installed, or on phone memory ( <b>Phone</b> ).
<b>New</b>	Capture a new video clip.



<b>Option</b>	<b>Description</b>
<b>Details</b>	View information about the highlighted video clip.
<b>Rename</b>	Assign a different name to the video clip.
<b>Delete</b>	Delete the highlighted video clip.
<b>Move</b>	Move the highlighted video clip.
<b>Copy</b>	Copy the highlighted video clip.
<b>Mark</b>	Mark 1 or more video clips that you want to move, copy, or delete.
<b>Mark All</b>	Mark all video clips to be moved, copied, or deleted.
<b>Categories</b>	Create a new category, or view video clips in a selected category.
<b>Assign to Category</b>	Assign a video clip to a defined category.
<b>Video Setup</b>	Adjust settings for: <b>Auto Repeat, Timer, Video Length, Lighting Conditions, Recording Sound, Status Icons</b>
<b>Switch Storage Device</b>	Save the video clip on optional memory card ( <b>TRANS-T-Flash</b> ), if installed, or on phone memory ( <b>Phone</b> ).
<b>View Free Space</b>	View how much memory remains for storing multimedia objects.

# Sending a Multimedia Message



A *Multimedia Messaging Service* (MMS) message contains one or more slides with text and media objects (including photos, pictures, animations, sounds, voice records, and/or video clips). You can send the multimedia message to other wireless phone users, and to email addresses.






## Find the Feature








- > **Messaging**
- > **Create Message**
- > **New Multimedia Msg Message**

## Press

## To

- |   |  |   |
|---|--|---|
| 1 | keypad keys.<br>then <b>OK</b> key   | enter recipient's phone<br>number or email address  |
|   | <b>or</b>  |   |
|   | <b>Contacts</b> key,  ,<br>then <b>ADD</b> key and<br><b>DONE</b> key | open <b>Contacts</b> , then scroll to<br>and select 1 or more existing<br><b>Contacts</b> entries |
| 2 | keypad keys  | enter slide text  |
| 3 |    | open the <b>MMS Menu</b>  |
| 4 |   | scroll to <b>Insert</b>   |
| 5 | <b>SELECT</b> key  | display a list of items you can<br>insert   |
| 6 |   | scroll to a type of object to<br>insert   |
| 7 | <b>SELECT</b> key  | select the object type  |
| 8 |   | highlight the object you want   |

Press	To
9 <b>SELECT</b> key	insert the object  To add another slide to the message, continue.  To send the message, go to step 14.
10 	open the <b>MMS Menu</b> to insert a new slide
11 <b>SELECT</b> key	display a list of items you can insert
12 	scroll to <b>Insert New Page</b>
13 <b>SELECT</b> key	insert a new slide after the current slide  Repeat steps 2 to 9 to enter contents for the new slide.
14 <b>OK</b> key	store the message
15 	scroll to <b>Subject</b>
16 <b>CHANGE</b> key	select <b>Subject</b>
17 keypad keys  or <b>QK.NOTE</b> key, then  and <b>SELECT</b> key	enter the subject  open the Quick Notes list, then scroll to and select a Quick Note as a subject
18 	store the subject
19 <b>SEND</b> key	send the message





Press	To
or 	send the message later, view message details, save the message in the drafts folder, or cancel the message

## Receiving a Multimedia Message



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

Press	To
<b>READ</b> key	open the message

Multimedia messages that you receive can contain different media objects:

- Photos, pictures, and animations are displayed as you read the message.
- A sound file, or video clip begins playing when its slide is displayed. Use the volume keys to adjust the volume as the sound file or video clip plays.

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

- Attached files are added to the end of the message. To open the attachment, highlight the file indicator/

filename and press the **VIEW** key (image file type), **PLAY** key (sound file or video clip), or **OPEN** key (object such as **Contacts** or datebook entry, or unknown file type).

**Note:** File names for stored multimedia objects can not exceed 36 characters.



## Using a Message Filter

This feature allows you to set up a filter so you can block incoming e-mails or text messages for up to three phone numbers or e-mail addresses.

Find the Feature



> **Messages**  
> **Message Settings**  
> **MMS Message Setup** > **Filter**

**Note:** Phone numbers and e-mail addresses must be separated by a comma, semicolon, or space.

## Bluetooth<sup>®</sup> Connections

Your phone supports Bluetooth connections. You can connect your phone to Bluetooth optional accessories.



### Turn Bluetooth Power On or Off

Find the Feature



> **Settings** > **Connection** > **Bluetooth Link** > **Setup** > **Power** > **On**

**Note:** To extend battery life, use the above procedure and set Bluetooth power to **Off** when not in use. If you turn

Bluetooth power **Off**, your phone will not connect to accessories until you turn Bluetooth power **On** and reconnect to the accessories.



## ***Pairing with a Headset, Handsfree Device, or PC***

**Before you try to connect to another Bluetooth device**, make sure your phone's Bluetooth power is **On** and the device is in *pairing mode* (see the user guide for the device). You cannot perform pairing while your phone is connected to another device.



**To pair your phone to a headset accessory, handsfree car kit, or PC that supports Bluetooth wireless connections:**

Find the Feature



> **Settings** > **Connection** >  
**Bluetooth Link** > **Handsfree** >  
**[Look For Devices]**

Your phone displays a list of device(s) located within range of the phone. If your phone is already connected to a device, your phone lists that device and identifies it with a ✓ (in-use indicator). Once a connection is established with a device, no other device can connect to your phone until the currently connected device is disconnected.

### **Action**


- 1 Highlight a device in the list of devices your phone found.
- 2 Press the **SELECT** key to connect the device.



## Action

- 3 If the device requests permission to bond with your phone, select YES and enter the device PIN code to create a secure connection with the device.

**Note:** The default PIN code is 0000.

When the connection is made, the  (Bluetooth) indicator or a **Bluetooth** message displays in the home screen.

**Tip:** For specific information about an accessory, refer to the instructions that came with it.

## TTY Operation



You can use an optional TTY device with your phone to send and receive calls. You must plug the TTY device into the phone's headset jack and set the phone to operate in 1 of 3 TTY modes.


**Note:** Use a TSB-121 compliant cable (supplied by the TTY manufacturer) to connect the TTY device to your phone.

**Note:** Set the phone to level 4 (middle setting) for proper operation. If you experience a high number of incorrect characters, adjust the volume as needed to minimize the error rate.

**Note:** For optimal performance, your phone should be at least 12 inches (30 centimeters) from the TTY device. Placing the phone too close to the TTY device may cause high error rates.



## Setting TTY Mode


 When you set your phone to a TTY mode, it operates in that mode whenever the TTY device is connected.



Find the Feature



> **Settings** > **Initial Setup** >  
**TTY**

Press	To
1 	scroll to the TTY mode
2 <b>SELECT</b> key	select the TTY mode

The **TTY Setup** menu can include the following options:

Press	To
<b>TTY</b>	transmit and receive TTY characters
<b>VCO</b>	receive TTY characters but transmit by speaking into the microphone
<b>HCO</b>	transmit TTY characters but receive by listening to earpiece
<b>Voice</b>	return to normal voice mode

When your phone is in a TTY mode during an active TTY call, your phone displays: the international TTY mode, the international TTY symbol, and the mode setting.

## Returning to Voice Mode

To return to normal voice mode, select **Voice** from the **TTY Setup** menu.

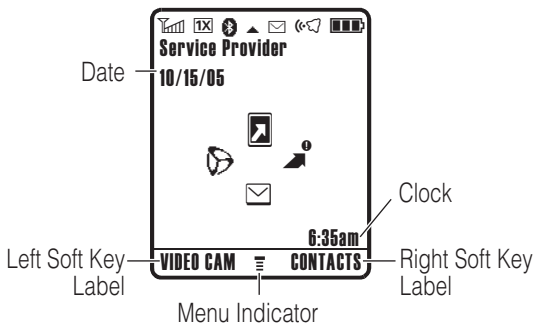
# Learning to Use Your Phone

---

See page 1 for a basic phone diagram.

## Using the Display

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



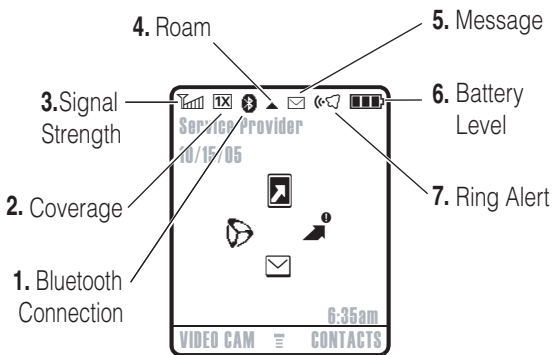
**Note:** Because you can customize the soft key settings, your home screen soft key labels may be different than the ones shown above.

The ≡ (menu) indicator indicates that you can press the menu key (☐) to enter the main menu. Labels at the bottom corners of the display show the current soft key functions. Press the left or right soft key to perform the function indicated by the left or right soft key label.



Your phone can display an analog or digital clock in the home screen (see page 88).

The following status indicators can display:



### 1. Bluetooth® Indicator



Indicates an active Bluetooth connection.

### 2. Coverage Indicator

Shows the type of signal your phone is using:

**1X** = shows when your phone is in a 1x coverage area

### 3. Signal Strength Indicator

Vertical bars show the strength of the network connection. You cannot make or receive calls when the  (no signal) indicator or  (no transmit) indicator displays.

## 4. Roam Indicator




Shows when your phone is seeking or using another network outside your home network.


## 5. Message Indicator



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

 = text message

 = voicemail message

 = voicemail and text message


When you enter a message using the messaging feature, a number in the message entry area shows the number of characters remaining on the current page (text message) or the message size (multimedia message or letter).


## 6. Battery Level Indicator

Vertical bars show the battery charge level. Recharge the battery when **Low Battery** displays and you hear an audible battery alert.

## 7. Ring Alert Indicator


Shows alert style setting:

 = loud ring

 = soft ring

 = vibrate

 = vibrate and ring


 = silent




# Using the 5-Way Navigation Key










Use the 5-way navigation key (⊙) to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings, and play games. Press the center select button (OK) to select a highlighted menu item.

## Using Menus

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



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


Icon	Feature	Icon	Feature
	<b>Contacts</b>		<b>Recent Calls*</b>
	<b>Messaging*</b>		<b>Mobile Web</b>
	<b>Media Gallery</b>		<b>Games &amp; Apps*</b>
	<b>Settings</b>		<b>Tools</b>
	<b>Phone Info</b>		



**Note:** Features marked with \* are optional network/subscription dependent features.

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

## Selecting a Menu Feature

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

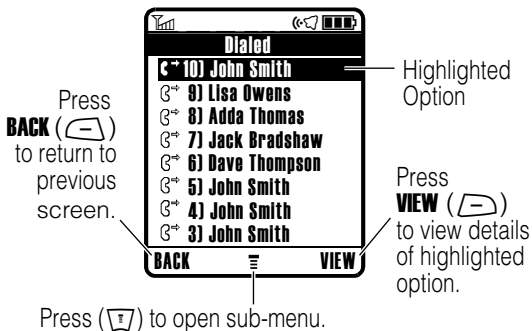
**Find the Feature**       > **Recent Calls** > **Dialed**

This example shows that from the home screen, you must press , scroll to and select **Recent Calls** from the main menu, then scroll to and select **Dialed**. Press  to scroll, and the left/right soft keys to select the functions displayed in the bottom left and right corners of the display.



## Selecting a Feature Option

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



Press **⬇** to scroll up or down to highlight the option you want.

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

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

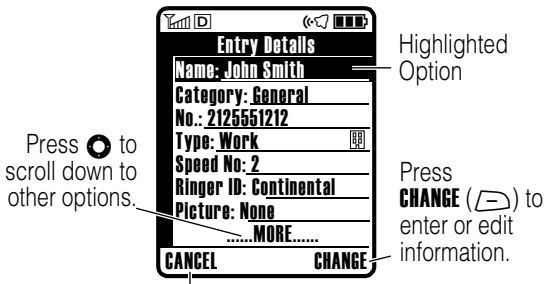
When an option has a list of possible values, press **⬅** left or right to scroll through and select a value.

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



# Entering Text

Some features require you to enter information.

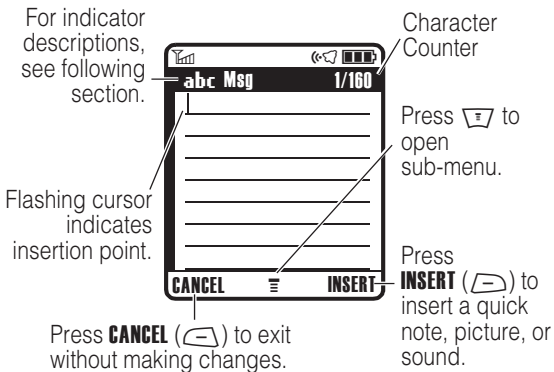


Press **⏮** to scroll down to other options.

Press **CANCEL** (⏪) to exit without making changes.


**DONE** (⏩) displays when you enter or edit information.


The messaging feature lets you compose and send text messages.




## Choosing a Text Entry Method

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


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



<b>Primary</b>	The primary text entry method (see below to set).
<b>Numeric</b>	Enter numbers only (see page 45).
<b>Symbol</b>	Enter symbols only (see page 46).


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

## Setting Up a Text Entry Method

Press  > **Entry Setup** from any text entry screen. Select **Primary Setup**, then choose:

<b>ITAP English</b>	Let the phone predict each word (in English) as you press keys (see page 44).
<b>ITAP Espanol</b>	Let the phone predict each word (in Spanish) as you press keys.
<b>Tap</b>	Enter letters and numbers by pressing a key one or more times.




## Using Capitalization

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

**abc** = no capital letters      **Abc** = capitalize next letter only  
**ABC** = all capital letters

## Text Entry Method Indicators

The following indicators identify the text entry setting:

Indicator	Setting
<b>I</b>	Tap, no capital letters
<b>I</b> ↑	Tap, capitalize next letter only
<b>I</b> ↑	Tap, all capital letters
	iTAP, no capital letters
	iTAP, capitalize next letter only
	iTAP, all capital letters

The following indicators identify **Numeric** or **Symbol** entry method:



**123** = numeric method    **@** = symbol method

## Using Tap Method



This is the standard method for entering text on your phone.

Tap method cycles through the letters and numbers of the key you press.

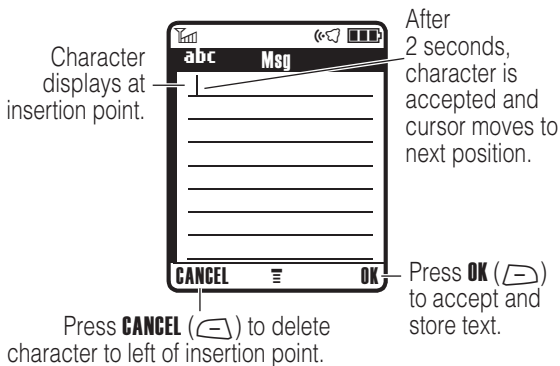


Press	To
1 a keypad key 1 or more times	select a letter, number, or symbol
2 keypad keys	enter remaining characters
	<b>Tip:</b> Press  right to accept a word completion, or  to insert a space.
3 <b>OK</b> key	store the text















In a text entry screen, you can press  to switch entry modes. The entry mode is displayed in the upper left corner as the  is pressed. If **Tap** is not available as the entry method, see page 40.


When you enter text with **Tap** method, the soft key functions change.





## Character Chart

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

	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ \$ ¥ ¢ € + x * / \ [ ] = > < # §
	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
	<i>change text case, for capital letters</i>
	<i>enter a space (hold to enter a return)</i>
	<i>change text entry method (hold for default)</i>


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

### Tap Method Text Entry Rules

- Press a keypad key repeatedly to cycle through its characters.
- Press  left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalized. If necessary, press  down to force the character to







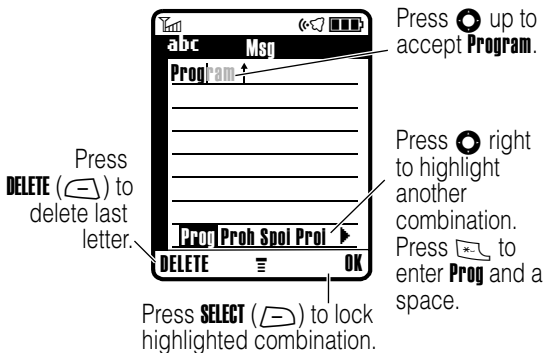
lowercase before the cursor moves to the next position.

- If you enter or edit information and do not want to save the changes, press  to exit without saving.

## Using iTAP<sup>®</sup> Method


iTAP software provides a predictive text entry method that lets you enter a word using 1 key press per letter. This can be faster than **Tap** method, because your phone combines the key presses into common words.

For example, if you press    , letter combinations that match your keypresses display:





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

## Entering Words

In a text entry screen, you can press  to switch entry methods. An indicator shows which method is active (see

page 41). If **ITAP** method is not available as the **Primary** or **Secondary** entry method, see page 40.


<b>Press</b>	<b>To</b>
1 keypad keys (1 press per letter)	show possible letter combinations at the bottom of the display
2  left or right	highlight the combination you want
3 <b>SELECT</b> key	lock a highlighted combination  You can press keypad keys to add more letters to the end of the combination.
or 	enter the highlighted combination when it spells a word  A space is automatically inserted after the word.

If you enter a word your phone does not recognize, the phone stores it to use as one of your word options. When you fill memory space for unrecognized words, your phone deletes the oldest words to add new words.


## ***Using Numeric Method***

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





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

## Using Symbol Method



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













Press	To
1 keypad keys (1 press per symbol)	show possible symbol combinations at the bottom of the display
2  left or right	highlight the combination you want
3 <b>SELECT</b> key	lock a highlighted combination
	You can press keypad keys to add more symbols to the end of the combination.
or	
	enter the highlighted combination


## Symbol Chart

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

	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ç ÿ % £ \$ ¥ ¢ € + x * / \ [ ] = > < # §
	@ _ \




	/ : ;
	" & '
	() [] {}
	! @ ~
	< > =
	\$ £ ¥ ¤ €
	# % *
	+ - x * / = > < # §
	<i>enter a space (hold to enter a return)</i>
	<i>change text entry mode (hold for default)</i>


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

## ***Deleting Letters and Words***

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

### **Action**

Press the  key to delete 1 letter at a time.

Hold the  key to delete all the text.

## ***Deleting Messages***

When messaging memory is full, no new messages may be received or sent. If this occurs, messages must be deleted from your Inbox or Outbox folder.



## Action

To display an alert when messaging memory is full, the message settings can be changed:

 > **Messaging** > **Message Settings** > **Auto Cleanup** > **Memory Full** > **Show Warning**

---

To prevent the messaging memory from becoming full and not being able to receive or send new messages, the settings may be changed to automatically delete the oldest message in your Inbox:

 > **Messaging** > **Message Settings** > **Auto Cleanup** > **Memory Full** > **Auto Delete Oldest**

---

To help manage the number of messages in your Inbox and Outbox, you may select a specified number of messages to be kept, or that messages that are a specified number of days old be automatically deleted:

 > **Messaging** > **Message Settings** > **Auto Cleanup** > **Schedule Cleanup**

---

## Using the External Display

When the flip is closed, you can use the external display for the following:

- View time, date, and phone status information.
- Read messages that notify you of incoming calls and other events.
- Use the external display as a viewfinder when you take a self portrait with the phone's camera.

- When you use a Bluetooth headset for speech recognition, view speech-activated dialing commands and other status information.

## ***Using a Removable Memory Card***



**Note:** See page 15 for instructions on inserting and removing a memory card.

**Note:** You should format a memory card before you can use it.

You can use an optional removable memory card with your phone to store additional multimedia objects such as photos, video clips, and sounds.

### ***Memory Card Tips***

- Do not remove the memory card while reading or writing files. Otherwise, the card may be damaged.
- The memory card is recognized as removable memory when connected to a personal computer.
- When you disconnect the phone with the memory card from a personal computer, remove the USB storage equipment on your personal computer. Otherwise, files stored on the memory card could be damaged.

### ***Managing a Memory Card***

To manage an inserted memory card:



Find the Feature



> Phone Info > Storage Devices





Press	To
1 	scroll to the memory card <b>Note:</b> Phone memory is always listed last.
2 <b>DETAILS</b> key	view memory card information
or 	open the <b>Storage Device</b> menu to perform other procedures (see the table below)


The **Storage Device** menu can include the following option:

Option	Description
<b>Format</b>	Format the memory card.

## ***Formatting the Memory Card***


It is recommended th[at you format the memory card before you attempt to store any multimedia objects on it.

**Note:** Formatting the memory card will erase any data already on the card.

Action
1 With the phone powered off, insert the memory card into the phone (see page 15).
2 Turn on the phone.
3 When the phone is completely powered on, press  .
4 Scroll to <b>Phone Info</b> and press the <b>Select</b> key.

## Action

5 Scroll to **Storage Devices** and press the **Select** key.

6 Scroll to **Trans T-Flash** and press the  key.

7 Scroll to **Format** and press the **Select** key.

The phone displays **Formatting will erase all data.**  
Continue?

8 Press the **Yes** key to begin formatting the memory card.

**or**

Press the **No** key to exit without formatting the card.



## Storing Multimedia Objects

When a memory card is inserted into your phone, you must select the card before you can store objects to or access objects on it. Use the Switch Storage Device option in the Pictures Menu, Videos Menu, or Sounds Menu.

There are two ways to transfer content to the E815:

- From your computer to the phone's internal memory using an optional USB Data Cable and Mobile Phone Tools software (all sold separately).
- From your computer to the removable memory using an optional transflash card and an SD reader (all sold separately).

For more details, please go to [www.hellomoto.com](http://www.hellomoto.com).

The following table lists the multimedia objects that you can store on the memory card and those objects that you can store only in phone memory:



Media Object	Store to Memory Card	Store to Phone Memory
ringtone downloaded with <b>Get Multimedia</b>	No	Yes
ringtone saved as sound attachment	No	Yes
other ringtones	No	Yes
picture received from other user	Yes	Yes
picture downloaded with <b>Get Multimedia</b>	No	Yes
picture that you create	Yes	Yes
video clip received from other user	Yes	Yes
video clip downloaded with <b>Get Multimedia</b>	No	Yes

Media Object	Store to Memory Card	Store to Phone Memory
video clip that you create	Yes	Yes
MP3 file transferred from personal computer via memory card	Yes <b>Note:</b> MP3 files can be played from the memory card and from the phone.	Yes <b>Note:</b> MP3 files can be transferred from the memory card to phone memory.



For more details on downloads, see page 99 (News and Entertainment).

## Viewing Memory Card Contents


To view the contents of an inserted memory card:

Find the Feature



> **Media Gallery**

### Action

- 1 Scroll to and select the desired multimedia object time (**Pictures**, **Sounds**, or **Videos**).
- 2 Press  to open the menu for the selected multimedia object.
- 3 Scroll to and select **Switch Storage Devices**.
- 4 Scroll to and select **TRANS-T-Flash**.

# Playing Music



With the purchase of optional music accessories (USB reader and Trans Flash card), you can turn your phone into a music phone, play MP3s, and Create a Playlist.

## ***Copying Music from your Computer onto Trans Flash Card Using USB Reader***

Refer to the Trans Flash Card documentation for this procedure.

## ***Playing MP3s***


To play an MP3 on your phone:

Find the Feature



> **Media Gallery** > **Sounds**

### **Action**

- 1 Scroll to and select the desired available music file. Press  and select (**Switch Storage Device** to ensure that files from Trans Flash card are being displayed.
- 2 Choose song you wish to play by selecting **PLAY**. Music will start playing
- 3 To hide Music Player, select **HIDE**.  
You can shuffle through songs by pressing the right or left direction keys.
- 4 To stop playing song, press the red **End Call** button.



## Creating a Playlist

To create a playlist on your phone:

Find the Feature



> **Media Gallery** > **Sounds**

### Action

- 1 Scroll using the down arrow key and select **New Playlist**.
- 2 Press **CHANGE** to add a name to your playlist.
- 3 Select **Audio Files** and press **CHANGE**.  
A list of music will display.
- 4 Select **CHECK** to choose songs to be added to your playlist.
- 5 Select **DONE** when you are finished adding songs.
- 6 Select **DONE** to store your playlist information.  
Playlist is now stored on your phone and will appear in your list of songs.
- 7 To play songs from your playlist, simply select it from your list and press **PLAY**.

## Using the Handsfree Speaker

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



Press the speakerphone key to turn the handsfree speaker on or off during a call. A soft audio alert confirms activation/deactivation.



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

During an active speakerphone call, you can close the phone flip and continue the call. To end the call, press and hold the speakerphone key.

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

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

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

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

To change a code or password:

Find the Feature



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

## ***Locking and Unlocking Your Keypad***

You can lock your keypad so that accidental key presses have no effect.

You can make emergency calls on your phone even when the keypad is locked (see page 67).

Press to lock the keypad. Your phone displays **Keypad Locked**. Press again to unlock the keypad.

## ***Locking and Unlocking Your Phone***

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

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

You can make emergency calls on your phone even when it is locked (see page 67).

### ***Locking Your Phone Manually***

Find the Feature



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



Press	To
1 keypad keys	enter your unlock code
2 <b>OK</b> key	lock the phone

## Unlocking Your Phone

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

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your unlock code
2 <b>OK</b> key	unlock your phone

## Setting Your Phone to Lock Automatically

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

Find the Feature



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

Press	To
1 keypad keys	enter your unlock code
2 <b>OK</b> key	activate automatic lock

## ***If You Forget a Code or Password***

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

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, contact your service provider.

If you forget your security code or call barring password, contact your service provider.



# Setting Up Your Phone

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## Storing Your Name and Phone Number





To store or edit your name information on your phone:

Find the Feature



> Phone Info > My Tel. Number

**Shortcut:** Press   from the home screen to edit your name.

To view your phone number from the home screen or during a call, see page 14.

## Setting an Alert Style

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




You can select 1 of 5 different alert styles: **Silent**, **Loud**, **Soft**, **Vibrate**, **Vibe then Ring**. The alert style indicator in the display shows the current alert style.


To set an alert style:

Find the Feature



> Settings > Ring Styles

Press	To
 	scroll to <b>Style</b> :
<b>2</b> <b>CHANGE</b> key	access the list of alert styles
<b>3</b> 	scroll to the desired alert style
<b>4</b> <b>SELECT</b> key	select the alert style

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

**Note:** When your phone is connected to a charger or other accessory, the call ringer defaults to **Loud** and uses the current **Loud Detail** setting.

## Setting Answer Options

You can use additional methods for answering calls:

Find the Feature



> **Settings** > **In-Call Setup**  
> **Answer Options**

Option	Description
<b>Multi-key</b>	answer by pressing any key
<b>Open to Answer</b>	answer by opening the flip

## Setting a Wallpaper Image

You can set the same photo, picture, or animation as a wallpaper (background) image on your phone's home screen and external display.



## Find the Feature



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

Press	To
1	scroll to <b>Picture</b>
2 <b>CHANGE</b> key	open the picture viewer
3  up or down	scroll to a picture, animation, or photo  Scroll to <b>(None)</b> to turn off the wallpaper image.
<b>or</b>	
> <b>TRANS-T-Flash</b> , then  up or down	open the <b>Storage Devices</b> menu, scroll to and select <b>TRANS-T-Flash</b> (the removable memory card), then scroll to a picture, animation, or photo
4 <b>SELECT</b> key	select the image
5	scroll to <b>Layout</b>
6 <b>CHANGE</b> key	adjust the image layout
7	scroll to <b>Center</b> , <b>Tile</b> , or <b>Fit-to-screen</b>  <b>Center</b> places the image in the center of the display.  <b>Tile</b> fills the display with multiple copies of the image.  <b>Fit-to-screen</b> resizes the image, if necessary, to fit the display.





Press	To
8 <b>SELECT</b> key	confirm the layout setting
9 <b>BACK</b> key	save wallpaper settings

**Tip:** Set the resolution to the **Low** setting on your camera when taking pictures to be applied as wallpaper (see page 21). Low resolution photos display best when applied as **Fit-to-Screen** as wallpaper.

## Setting a Screen Saver Image

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

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

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

Find the Feature







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

Press	To
1	scroll to <b>Picture</b>
2 <b>CHANGE</b> key	open the picture viewer
3	up or down
	scroll to a picture, animation, or photo
	Scroll to <b>(None)</b> to turn off the screen saver image.

or





Press	To
 > <b>TRANS-T-Flash</b> , then  up or down	open the <b>Storage Devices</b> menu, scroll to and select <b>TRANS-T-Flash</b> (the removable memory card), then scroll to a picture, animation, or photo
4 <b>SELECT</b> key	select the image
5 	scroll to <b>Delay</b>  <b>Note:</b> Setting <b>Delay</b> to <b>Off</b> disables the screen saver feature.
6 <b>CHANGE</b> key	set the delay interval
7 	scroll to the inactivity interval that triggers the screen saver
8 <b>SELECT</b> key	confirm the delay setting
9 <b>BACK</b> key	save the screen saver settings

## Setting Display Contrast

Find the Feature



> **Settings** > **Initial Setup**  
> **Contrast**

## Setting Display Brightness

Find the Feature



> **Settings** > **Initial Setup**  
> **Brightness**

## ***Adjusting the Backlight***

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

**Find the Feature**



> **Settings** > **Initial Setup**  
> **Backlight**

## ***Conserving Battery Power***

Some networks and phones include a battery save setting to extend battery life. When this feature is activated, your phone automatically turns off the keypad backlight when it detects that enough ambient light is available.

**Find the Feature**



> **Settings** > **Initial Setup**  
> **Battery Save**



# Calling Features

For basic instructions on how to make and answer calls, see page 13.

## Changing the Active Line



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

Find the Feature



> Phone Info > Active Line

## Redialing a Number

Press	To
1	view the dialed calls list
2	scroll to the entry you want to call
3	redial the number

## Using Automatic Redial



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

With automatic redial, your phone automatically redials the number for 4 minutes. When the call goes through, your phone rings or vibrates 1 time, displays **Redial Successful**, and then connects the call.



You must turn on automatic redial to use the feature. To turn automatic redial on or off:

### Find the Feature



> **Settings** > **Initial Setup**  
> **Auto Redial**

When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a fast busy signal and see **Call Failed**:

Press	To
or <b>RETRY</b> key	activate automatic redial

## ***Turning Off a Call Alert***

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

Press	To
either volume key	turn off the alert for a current incoming call


## ***Calling an Emergency Number***

Your service provider programs 1 or more emergency phone numbers, such as 911, that you can call under any circumstances, even when your phone is locked.


**Note:** Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be



placed due to network, environmental, or interference issues.


Press	To
1 keypad keys	dial the emergency number
2 	call the emergency number

## Dialing International Numbers



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

## Viewing Recent Calls

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




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

Find the Feature  > **Recent Calls**

Press	To
1 	scroll to <b>Received</b> or <b>Dialed</b>
2 <b>SELECT</b> key	select the list
3 	scroll to an entry

✓ means the call connected.



Press	To
4 	call the entry's number  Press  to send the number as DTMF tones during a call.
or <b>VIEW</b> key	view entry details
or 	open the <b>Last Calls Menu</b> to perform various operations on the entry

The **Last Calls Menu** can include the following options:

Option	Description
<b>Store</b>	Create a <b>Contacts</b> entry with the phone number in the <b>No.</b> field.
<b>Delete</b>	Delete the entry.
<b>Delete All</b>	Delete all entries in the list.
<b>Send Message</b>	Open a new text message with the number in the <b>To</b> field.
<b>Add Digits</b>	Add digits after the number.
<b>Attach Number</b>	Attach a number from <b>Contacts</b> or the <b>Recent Calls</b> lists.



## Returning an Unanswered Call

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

- the  (missed call) indicator





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

Press	To
1 <b>SELECT</b> key	see the received calls list
2 	select a call to return
3 	make the call

## Using the Notepad

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

Find the Feature  > **Recent Calls** > **Notepad**


Press	To
	call the number
or	
	open the <b>Dialing Menu</b> to attach a number or insert a special character
or	
<b>STORE</b> key	create a <b>Contacts</b> entry with the number in the <b>No.</b> field

## Attaching a Number

While dialing (with digits visible in the display):






Press	To
 > <b>Attach Number</b>	attach a number from the <b>Contacts</b> or <b>Recent Calls</b> lists



## Calling with Speed Dial

Each entry you store in **Contacts** is assigned a unique speed dial number.

You can change an entry's speed dial number (see page 80).

To see an entry's speed dial number, press  > **Contacts**, scroll to the entry, and press the **VIEW** key.

To speed dial a **Contacts** entry:

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

## Calling with 1-Touch Dial

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

## Using Voicemail




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



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

## Setting Up Your Voicemail Account

**Tip:** Your service provider may also store your voicemail number as **Contacts** entry number 1. If so, you can press and hold  to call your voicemail number.

If you need to set up your voicemail account:

### Action

- 1 Press and hold 1 (if your voicemail number has been set to speed dial 1).

---

- 2 At the recording, press #.

---

- 3 Follow the tutorial to set up your account.

## Listening to Voicemail Messages


Find the Feature



> **Messaging** > **Voicemail** >  
**CALL**

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


## Receiving a Voicemail Message

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

Press	To
<b>CALL</b> key	listen to the message

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

## Muting a Call

Press	To
 > <b>Mute</b> or <b>MUTE</b> key	mute the call

## 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, password, or credit card number.

To set DTMF tones to be long, short, or off:

Find the Feature



> **Settings** > **Initial Setup**

Press	To
1 	scroll to <b>DTMF</b>
2 <b>CHANGE</b> key	access the list of DTMF options
3 	scroll to the desired options
4 <b>Select</b> key	select the DTMF option



**Short** sends a short, fixed-duration tone for each key you press. **Long** sends each tone for as long as you press the



key. Some systems (such as home answering machines) may require long tones for proper activation.



## ***Sending DTMF Tones***

### ***Using the Keypad***

<b>Press</b>	<b>To</b>
1 keypad keys	enter a number to send
2 	open the <b>Call Menu</b>
3 	scroll to <b>Send Tones</b>
4 <b>Select</b> key	send the number to the network as DTMF tones

### ***Sending a Stored Number***

During a call, highlight a number in **Contacts** or the **Recent Calls** lists, then:


<b>Press</b>	<b>To</b>
1 	open the <b>Call Menu</b>
2 	scroll to <b>Send Tones</b>
3 <b>Select</b> key	send the number to the network as DTMF tones

### ***Storing a PIN Code With a Phone Number***


You can store a PIN code with the phone number for calls that require additional digits (for example, to make a calling card call, or to retrieve voicemail or answering machine messages).



**Note:** You can store a maximum of 32 digits per number for a phonebook entry stored on the phone. Each character counts as one digit.



After entering the phone number, press **OK**. Select phone number again, press **Change**, , and the following options will appear: **Insert Pause**, **Insert Wait**, **Insert Number**, copy text, cut text, copy all text, cut all text.

Insert one or more of the following characters in the dialing sequence to ensure that the number dials and connects properly:

Press	To
1  Insert Pause	<p>insert a <b>p</b> (pause) character</p> <p>Your phone dials the preceding digits, waits for the call to connect, then sends the remaining digit(s).</p> <p><b>Note:</b> If your network does not recognize the first pause character, try two (<b>pp</b>).</p>

---




Press	To
2  <b>Insert Wait</b>	insert a <b>w</b> (wait) character  Your phone dials the preceding digits, waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s).
3  <b>Insert Number</b>	insert an <b>n</b> (number) character  Your phone prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the <b>n</b> character.






# Phone Features

## Calling Features









Feature	Description
<b>Restrict Calls</b>	Restrict outgoing or incoming calls:  > <b>Settings</b> > <b>Security</b> > <b>Restrict Calls</b> > <i>unlock code</i>











## Messaging

Feature	Description
<b>Send Text Message</b>	Send a text message:  > <b>Messaging</b> > <b>Create Message</b> > <b>New TXT Message</b>
<b>Send Multimedia Message</b>	Send a multimedia message:  > <b>Messaging</b> > <b>Create Message</b> > <b>New Multimedia Msg</b>
<b>Use Media Template</b>	Open an MMS template with preloaded media:  > <b>Messaging</b> > <b>Create Message</b> > <b>MMS Templates</b>











Feature	Description
<b>Read Message</b>	<p>Read a new text or multimedia message that you have received:</p> <p>Press the <b>READ</b> key.</p> <p><b>Note:</b> When you view a video clip in a multimedia message that does not contain text, pressing  right may display a blank screen or restart the video clip.</p> 
<b>Store Message Objects</b>	<p>Go to a multimedia message slide, or highlight an object in a letter, then:</p> <p> &gt; <b>Store</b></p> <p><b>Note:</b> File names for stored multimedia objects can not exceed 36 characters.</p> 
<b>Preset Messages</b>	<p>Send or create a prewritten message:</p> <p> &gt; <b>Messaging</b> &gt; <b>Preset Messages</b></p> 
<b>Sent Messages</b>	<p>View sent messages:</p> <p> &gt; <b>Messaging</b> &gt; <b>Outbox</b></p> 















Feature	Description
<b>Received Messages</b>	<p>Read received messages:</p> <p> &gt; <b>Messaging</b> &gt; <b>Inbox</b></p> <p><b>Tip:</b> Press  to perform various operations on the message.</p> <p><b>Note:</b> When you view a video clip in a multimedia message that does not contain text, pressing  right may display a blank screen or restart the video clip.</p> 
<b>Drafts</b>	<p>View messages saved in the drafts folder:</p> <p> &gt; <b>Messaging</b> &gt; <b>Drafts</b></p> 
<b>Delete Messages</b>	<p>Delete all messages or only messages in the <b>Inbox</b>, <b>Outbox</b> or drafts folder:</p> <p> &gt; <b>Messaging</b> &gt; <b>Cleanup Messages</b></p> <p>For more information on deleting messages when messaging memory is full, see page 47.</p> 













# Contacts

Feature	Description
<b>Create Entry</b>	Create a new <b>Contacts</b> entry:  > <b>Contacts</b>  > <b>(New Entry)</b> > <b>Phone Number</b> or <b>Email Address</b> You can store up to 1000 <b>Contacts</b> entries.
<b>Create Group Mailing List</b>	Create a group mailing list as a <b>Contacts</b> entry:  > <b>Contacts</b>  > <b>New</b> > <b>Mailing List</b>
<b>Dial Number</b>	Call a number stored in <b>Contacts</b> :  > <b>Contacts</b> , highlight the <b>Contacts</b> entry, press  to call
<b>Voice Dial Number</b>	Voice dial a number stored in <b>Contacts</b> : With phone flip open, press and release the voice key, and say the entry's name (within 2 seconds) exactly as it is stored in your <b>Contacts</b> .
<b>Change Speed Dial Number for Entry</b>	Assign a distinctive ringer alert to a <b>Contacts</b> entry:  > <b>Contacts</b> > <i>entry</i>  > <b>Edit</b> > <b>Speed No</b>





Feature	Description
<b>Set Ringer ID for Entry</b>	Assign a distinctive ringer alert to a <b>Contacts</b> entry:  > <b>Contacts</b> > <i>entry</i>  > <b>Edit</b> > <b>Ringer ID</b> > <i>ringer name</i>
<b>Set Picture ID for Entry</b>	Assign a picture to display when you receive calls from an entry:  > <b>Contacts</b> > <i>entry</i>  > <b>Edit</b> > <b>Picture</b> > <i>picture</i>
<b>Set Picture ID View</b>	View <b>Contacts</b> entries as text list, or with picture caller ID photos:  > <b>Contacts</b>  > <b>Setup</b> > <b>View by</b> > <b>List</b> or <b>Picture</b>
<b>Set Category for Entry</b>	Set the category for a <b>Contacts</b> entry:  > <b>Contacts</b> > <i>entry</i>  > <b>Edit</b> > <b>Category</b> > <i>category name</i>
<b>Set Category View</b>	View <b>Contacts</b> entries as text list, or with picture caller ID photos:  > <b>Contacts</b>  > <b>Categories</b> > <i>category type</i>
<b>Sort Contacts List</b>	Set the order in which <b>Contacts</b> entries are listed:  > <b>Contacts</b>  > <b>Setup</b> > <b>Sort by</b> > <i>sort order</i>



Feature	Description
<b>Set Primary Number</b>	Set the primary number for a <b>Contacts</b> entry with multiple numbers:  > <b>Contacts</b> > <i>entry</i>  > <b>Set Primary</b> > <i>phone number</i>
<b>View Primary or All Numbers</b>	Set to view only primary numbers or all numbers when viewing entries:  > <b>Contacts</b> > <i>entry</i>  > <b>Setup</b> > <b>View</b> > <b>All Contacts</b> or <b>Primary Contacts</b>
<b>Edit Entry</b>	Edit a <b>Contacts</b> entry:  > <b>Contacts</b> > <i>entry</i>  > <b>Edit</b>
<b>Delete Entry</b>	Delete a <b>Contacts</b> entry:  > <b>Contacts</b> > <i>entry</i>  > <b>Delete</b>
<b>Copy Contacts Entry</b>	Copy a <b>Contacts</b> entry to another location in <b>Contacts</b> :  > <b>Contacts</b> > <i>entry</i>  > <b>Copy Entry</b> > <i>location number</i>



Feature	Description
<b>Copy Multiple Contacts Entries</b>	<p>Copy multiple <b>Contacts</b> entries to other <b>Contacts</b> locations:</p> <p> &gt; <b>Contacts</b> &gt; <i>entry</i></p> <p> &gt; <b>Copy Entries</b> &gt; <b>From/start:</b> &gt; <i>starting location number</i> &gt; <b>From/end:</b> &gt; <i>ending location number</i> &gt; <b>To/start:</b> &gt; <i>new starting location number</i></p>

## Personalizing Features

### Using Speech Commands

You can place calls and perform other tasks by speaking commands to your phone.

#### Action

- 1 Press and release the voice button on the right side of the phone.  
Your phone displays and speaks **Say a command**, followed by a list of speech commands.
- 2 Say 1 of the commands listed in the table below.  
Your phone performs the corresponding action.

The following are speech commands and the actions they perform:



Speech Command	Description
<b>Call</b>	place a call (see page 85)
<b>Send Picture</b> <i>name</i>	send a multimedia message to the <b>Contacts</b> entry whose <i>name</i> you speak  (See page 26 for instructions on sending a picture in a message.)
<b>Send Text</b> <i>name</i>	send a text message <b>Contacts</b> entry whose <i>name</i> you speak
<b>Lookup</b> <i>name</i>	look up a <b>Contact</b> entry by speaking the entry's <i>name</i>
<b>Go To</b> <i>app</i>	use a speech shortcut to access the phone <i>app</i> (application) you specify:  <b>Voicemail, Camera, Redial, Received Calls</b>



Speech Command	Description
<b>Check</b> <i>item</i>	check the <i>item</i> you specify: <ul style="list-style-type: none"><li>• <b>Status</b>—network coverage, signal strength, and battery life</li><li>• <b>Signal</b>—network signal strength</li><li>• <b>Network</b>—network your phone is currently using</li><li>• <b>Battery</b>—battery charge level</li><li>• <b>My Phone Number</b>—view your phone number</li></ul>

## To Place Calls

Advanced Voice Dialing lets you use the **Call** command to place a call:

- Dial a **Contacts** entry by speaking the name of the entry.
- Dial any number by speaking the digits in the number.



## Action

- 1 Press and release the voice button on the right side of the phone.

You phone displays **Say a command**, followed by a list of speech commands.

---

- 2 Say “Call,” then say the name of the **Contacts** entry, or speak the digits of the phone number.

For example, to call the mobile number for a **Contacts** entry named Bill Smith, you would say “Call Bill Smith mobile.” (If the entry included only 1 number for Bill Smith, you would simply state “Call Bill Smith.”)

Similarly, to call the phone number 312-555-1212, you would say “Call 312-555-1212.”

If the phone recognizes the name or number, it places the call.

---

- 3 If the phone asks you to repeat a name or number, say it again. If the name or number is not valid or is not recognized, the phone does not place the call.
- 

- 4 If the phone does not recognize the name or number, it displays a list of up to 3 names or numbers, asks, “Did you say ...,” and highlights that first item in the list.

If the name or number is correct, say “Yes” to place the call.

If the name or number is not correct, say “No” to go to the next item on the list.

---





## Action




- 5 To select the name or number manually, scroll to the name or number on the list and press the **SELECT** key.

To exit the list, say “Cancel.”








If you reach the end of the list without confirming a number, the phone says, “Sorry, no match found.” To try to place the call again, press the **Repeat** key, say “Call,” and clearly speak the name or number.

**Tip:** Speak numbers at a normal speed and volume, pronouncing each digit distinctly. Avoid pausing between digits.






## Additional Personalizing Features

Feature	Description
Ring Style	Change the ring alert for an event:  > <b>Settings</b> > <b>Ring Styles</b> > <i>style</i> <b>Detail</b> > <i>event name</i>
Ringer IDs	Activate distinctive ring alerts assigned to <b>Contacts</b> entries:  > <b>Settings</b> > <b>Ring Styles</b> > <i>style</i> <b>Detail</b> > <b>Ringer IDs</b>
Ring Volume	Set ringer volume:  > <b>Settings</b> > <b>Ring Styles</b> > <i>style</i> <b>Detail</b> > <b>Ring Volume</b>




Feature	Description
<b>Keypad Volume</b>	Set keypad keypress volume:  > <b>Settings</b> > <b>Ring Styles</b> > <i>style Detail</i> > <b>Key Volume</b>
<b>Clock View</b>	Display an analog clock or digital time readout in the home screen:  > <b>Settings</b> > <b>Personalize</b> > <b>Home Screen</b> > <b>Clock</b>
<b>Skin Appearance</b>	To choose a phone <i>skin</i> that sets the look and feel of your phone's display:  > <b>Settings</b> > <b>Personalize</b> > <b>Skin</b>
<b>Change Soft Keys</b>	Change soft key labels and menu feature icons in the home screen:  > <b>Settings</b> > <b>Personalize</b> > <b>Home Screen</b> > <b>Home Keys</b>
<b>Shortcuts</b>	Create a shortcut to a menu item: Highlight the menu item, then press and hold  . Select a shortcut:  > <b>Tools</b> > <b>Shortcuts</b> > <i>shortcut name</i>
<b>Keypad Scrolling Sounds</b>	 > <b>Settings</b> > <b>Personalize</b> > <b>Sound Settings</b> > <b>Scroll Tone</b>

# Menu Features


Feature	Description
Language	Set menu language:  > <b>Settings</b> > <b>Initial Setup</b> > <b>Language</b>
Menu View	Display the main menu as graphic icons or as a text-based list:  > <b>Settings</b> > <b>Personalize</b> > <b>Main Menu</b> > <b>View</b>
Main Menu	Reorder your phone's main menu:  > <b>Settings</b> > <b>Personalize</b> > <b>Main Menu</b> > <b>Reorder</b>
Show or Hide Menu Icons	Show or hide menu feature icons in the home screen:  > <b>Settings</b> > <b>Personalize</b> > <b>Home Screen</b> > <b>Home Keys</b> > <b>Icons</b>
Master Reset	Reset all options except unlock code, security code, and lifetime timer:  > <b>Settings</b> > <b>Initial Setup</b> > <b>Master Reset</b>  To reset all options, you need to enter the <b>Security Code</b> (000000).




Feature	Description
<b>Master Clear</b>	<p>Reset all options except unlock code, security code, and lifetime timer, and clear all user settings and entries:</p> <p><b>Warning:</b> This option erases all user-entered information stored in your phone memory, including <b>Contacts</b> 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.</p> <p> &gt; <b>Settings</b> &gt; <b>Initial Setup</b> &gt; <b>Master Clear</b></p> <p>To clear all information, you need to enter the Security Code (000000).</p>





# Dialing Features

Feature	Description
Auto PIN Dial	Some networks require an authenticating PIN code to allow outgoing calls. Use this feature to automatically dial your PIN code.  > <b>Settings</b> > <b>Initial Setup</b> > <b>Auto PIN Dial</b>

# Call Monitoring

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






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




Feature	Description
Call Times	View call timers:  > <b>Recent Calls</b> > <b>Call Times</b>
In-Call Timer	Set a timer to beep at selected intervals during a call, and display time information during a call:  > <b>Settings</b> > <b>In-Call Setup</b> > <b>In-Call Timer</b>



# Handsfree Features

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

Feature	Description
<b>Accessory Volume Settings</b> (car kit or headset)	Adjust volume of headsets or car kit accessories that are enabled for Bluetooth connections:  During an active call, press your phone's up or down volume key.
<b>Speakerphone Automatic Off</b>	Set the speakerphone feature to disable itself 20 seconds after end of call:  <b>or</b>   > <b>Settings</b> > <b>Initial Setup</b> > <b>SpeakerPhone</b>
<b>Auto Answer</b> (car kit or headset)	Automatically answer calls when connected to a car kit or headset:   > <b>Settings</b> > <b>Car Settings</b> or <b>Headset</b> > <b>Auto Answer</b> 
<b>Voice Dial</b> (headset)	Enable voice dial with headset send/end key:   > <b>Settings</b> > <b>Headset</b> > <b>Voice Dial</b> 

Feature	Description
<b>Auto Handsfree</b> (car kit)	Automatically route calls to a car kit when connected:  > <b>Settings</b> > <b>Car Settings</b> > <b>Auto Handsfree</b>
<b>Power-Off Delay</b> (car kit)	Set the phone to stay on for a specified time after the ignition is switched off:  > <b>Settings</b> > <b>Car Settings</b> > <b>Power-off Delay</b>
<b>Charger Time</b> (car kit)	Charge the phone for a specified time after the ignition is switched off:  > <b>Settings</b> > <b>Car Settings</b> > <b>Charger Time</b>






## ***Data and Fax Calls***








Feature	Description
<b>Send Data or Fax</b>	Connect your phone to the device, then place the call through the device application.
<b>Receive Data or Fax</b>	Connect your phone to the device, then answer the call through the device application.



# Bluetooth® Wireless Connections









Feature	Description
<b>Make Phone Visible to Other Device</b>	<p>Allow an unknown Bluetooth device to discover your phone:</p>  <p>☰ &gt; <b>Settings</b> &gt; <b>Connection</b> &gt; <b>Bluetooth Link</b> &gt; <b>Setup</b> &gt; <b>Find Me</b></p> <p><b>Tip:</b> After the first connection, you do not need to select <b>Find Me</b> to reconnect.</p>
<b>Connect to Recognized Device</b>	<p>Connect to a recognized handsfree device:</p>  <p>☰ &gt; <b>Settings</b> &gt; <b>Connection</b> &gt; <b>Bluetooth Link</b> &gt; <b>Handsfree</b> &gt; <i>device_name</i></p> <p>where <i>device_name</i> is the name of the device with which you want to connect.</p>
<b>Connect to a Handsfree Device During a Call</b>	<p>Switch to a headset or car kit during a call:</p>  <p>☰ &gt; <b>Use Bluetooth</b></p> <p><b>Note:</b> You cannot switch to a headset or car kit if you are already connected to a Bluetooth device.</p>



Feature	Description
<b>Disconnect From Device</b>	Disconnect from a device:  Highlight the device name and press the <b>DROP</b> key. 
<b>Edit Device Properties</b>	Edit the properties of a recognized device:   > <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Device History</b> > <b>Edit</b> 
<b>Set Bluetooth Power Permanently On</b>	Set <b>Bluetooth Power</b> to be on whenever your phone is on:   <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Setup</b> > <b>Power</b> > <b>On</b> 
<b>Set Bluetooth Options</b>	Set your phone's Bluetooth options:   > <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Setup</b> 










# Network Features







Feature	Description
<b>Current Network</b>	<p>View information about network with which phone is currently registered:</p> <p> &gt; <b>Settings</b> &gt; <b>Network Info</b> &gt; <b>Current Network</b></p> 
<b>Set Mode</b>	<p>Set how your phone searches for a network connection:</p> <p> &gt; <b>Settings</b> &gt; <b>Network Info</b> &gt; <b>Set Mode</b></p> 
<b>Set Service Tones</b>	<p>Set phone to beep each time the network registration status changes:</p> <p> &gt; <b>Settings</b> &gt; <b>Network Info</b> &gt; <b>Service Tone</b></p> 
<b>Set Call Drop Alerts</b>	<p>Set phone to emit an alert tone whenever the network drops a call. (Because digital networks are so quiet, the call drop alert may be your only indication that a call has been dropped.)</p> <p> &gt; <b>Settings</b> &gt; <b>Network Info</b> &gt; <b>Call Drop Tone</b></p> 



# Personal Organizer Features

Feature	Description
<b>Create Datebook Event</b>	Create a new datebook event:  > <b>Tools</b> > <b>Datebook</b> , highlight the day, press the center select button, press  > <b>New</b> You can store up to 1000 <b>Datebook</b> events.
<b>View or Edit Datebook Event</b>	View or edit event details:  > <b>Tools</b> > <b>Datebook</b> , highlight the day, press the center select button, press the <b>OK</b> key
<b>Event Reminder</b>	View event reminder: <b>OK</b> key Close event reminder: <b>BACK</b> key
<b>Copy Datebook Event</b>	Copy a datebook event to date and/or time  > <b>Tools</b> > <b>Datebook</b> > <i>day</i> > <i>event</i>   > <b>Copy</b>
<b>Set Alarm</b>	Set an alarm:  > <b>Tools</b> > <b>Alarm Clock</b>












Feature	Description
<b>Turn Off Alarm</b>	Turn off alarm: Press the <b>DISABLE</b> key or  . Set 8-minute delay: Press the <b>SNOOZE</b> key.
<b>Create Voice Record</b>	Create a voice record: Press and hold voice key, speak into the phone, release voice key. <b>Note:</b> Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations. Always obey the laws and regulations on the use of this feature.
<b>Play Voice Record</b>	Play back a voice record:  > <b>Tools</b> > <b>Voice Records</b> > <i>voice record</i>
<b>Calculator</b>	Calculate numbers:  > <b>Tools</b> > <b>Calculator</b>
<b>Currency Converter</b>	Convert currency:  > <b>Tools</b> > <b>Calculator</b>  > <b>Exchange Rate</b> Enter exchange rate, press the <b>OK</b> key, enter amount, and press  > <b>Convert Currency</b> .





# Security

Feature	Description
<b>Lock Application</b>	Lock phone applications:  > <b>Settings</b> > <b>Security</b> > <b>Lock Application</b>




# News and Entertainment

Feature	Description
<b>Download Games &amp; Applications</b>	Download games & applications:  >  Choose <b>Games</b> or <b>Applications</b> , then choose <b>Get New</b> to download your favorites. <b>Note:</b> Press <b>CLR</b> to go back to the main <b>Games &amp; Apps</b> menu. 
<b>Download Videos</b>	Download videos:  > <b>Media Gallery</b> >  > <b>Get Multimedia</b> 
<b>Web Sessions</b>	Start a Web session:  > <b>Mobile Web</b> . press  key or <b>SELECT</b> key 



Feature	Description
<b>Manage Pictures</b>	<p>Manage pictures, animations, and photos:</p> <p> &gt; <b>Media Gallery</b> &gt; <b>Pictures</b></p> <p>To access images stored on the removable memory card, press  to open the <b>Pictures Menu</b>, scroll to and select <b>Switch Storage Devices</b>, then scroll to and select <b>TRANS-T-Flash</b>.</p>
<b>Manage Sounds</b>	<p>Manage ring tones and sounds that you have composed or downloaded:</p> <p> &gt; <b>Media Gallery</b> &gt; <b>Sounds</b></p> <p>To access sounds stored on the removable memory card, press  to open the <b>Sounds Menu</b>, scroll to and select <b>Switch Storage Devices</b>, then scroll to and select <b>TRANS-T-Flash</b>.</p>



Feature	Description
<b>Manage Video Clips</b>	<p>Manage video clips:</p> <p> &gt; <b>Media Gallery</b> &gt; <b>Videos</b></p> <p>To access video clips stored on the removable memory card, press  to open the <b>Videos Menu</b>, scroll to and select <b>Switch Storage Devices</b>, then scroll to and select <b>TRANS-T-Flash</b>.</p>
<b>Music Player</b>	<p>With the purchase of optional music accessories (USB reader and Trans Flash card), you can turn your phone into a music phone, play MP3s, and Create a Playlist (see page 54 for more information).</p> 



# Troubleshooting

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

Go to [www.motorola.com/consumer/support](http://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.<sup>1</sup> Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

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

tested for use at the ear is 1.24 W/kg, and when worn on the body, as described in this user guide, is 1.31 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).<sup>2</sup>

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

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

Web site:

<http://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.

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U.S. patent Re. 34,976





***MOTOROLA***

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

## **Software Copyright Notice**

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Manual Number: 6809497A47-0

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# Safety and General Information

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**This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.\***

## Exposure To Radio Frequency (RF) Energy

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

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

## Operational Precautions

For optimal mobile device performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

### External Antenna Care

If your mobile device has an external antenna, use only a Motorola-supplied or approved replacement antenna. Use of unauthorized antennas, modifications, or attachments could damage the mobile device and/or may result in your device not complying with local regulatory requirements in your country.

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\* The information provided in this document supersedes the general safety information in user's guides published prior to September 1, 2005.

DO NOT hold the external antenna when the mobile device is IN USE. Holding the external antenna affects call quality and may cause the mobile device to operate at a higher power level than needed.

## Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

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

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our website at [www.motorola.com](http://www.motorola.com).

## RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile device may cause interference with other devices.

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.

## Follow Instructions to Avoid Interference Problems

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

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

## Pacemakers

If you have a pacemaker, consult your physician before using this device.

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from your pacemaker when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

## Hearing Aids

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

## Other Medical Devices

If you use any other personal medical device, consult your physician or the manufacturer of your device to determine if it is adequately shielded from RF energy.

# Driving Precautions

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

When using your mobile device while driving, please:

- Give full attention to driving and to the road. Using a mobile device may be distracting. Discontinue a call if you can't concentrate on driving.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving practices can be found in the “Smart Practices While Driving” section at the end of this guide and/or at the Motorola website: [www.motorola.com/callsmart](http://www.motorola.com/callsmart).

# Operational Warnings

Obey all posted signs when using mobile devices in public areas, such as health care facilities or blasting areas.

## Automobile Air Bags

Do not place a mobile device in the air bag deployment area.

## Potentially Explosive Atmospheres

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

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

## Damaged Products





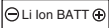
If your mobile device or battery has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to a Motorola Authorized Service Center. Do not attempt to dry it with an external heat source, such as a microwave oven.

## Batteries and Chargers

If jewelry, keys, beaded chains, or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot, and could cause damage or injury. Be careful when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola Original™ batteries and chargers.**

**Caution:** To avoid risk of personal injury, do not dispose of your battery in a fire.

Your battery, charger, or mobile device may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or mobile device in the trash.
	Your mobile device contains an internal lithium ion battery.



## Choking Hazards

Your mobile device or its accessories may include detachable parts, which may present a choking hazard to small children. Keep your mobile device and its accessories away from small children.

## Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

## Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has 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 physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

## Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you

continue to have discomfort during or after such use, stop use and see a physician.

# Motorola Limited Warranty for the United States and Canada

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## What Does this Warranty Cover?

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

## Products and Accessories

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

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

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

<b>USA</b>	<b>Phones</b> 1-800-331-6456 <b>Pagers</b> 1-800-548-9954 <b>Two-Way Radios and Messaging Devices</b> 1-800-353-2729
<b>Canada</b>	<b>All Products</b> 1-800-461-4575
<b>TTY</b>	1-888-390-6456
For <b>Accessories</b> and <b>Software</b> , 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.



# Hearing Aid Compatibility with Mobile Phones

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Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has “Rated for Hearing Aids” printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user’s hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

**M-Ratings:** Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

**T-Ratings:** Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device’s telecoil (“T Switch” or “Telephone Switch”) than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health

professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

# Information from the World Health Organization

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Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: <http://www.who.int./peh-emf>

## Product Registration

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Online Product Registration:

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

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

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

Thank you for choosing a Motorola product.

# Export Law Assurances

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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

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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, please visit us at <http://promo.motorola.com/recycle/phones/whyrecycle.html>

# Smart Practices While Driving

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## Drive Safe, Call Smart <sup>SM</sup>

**Check the laws and regulations on the use of mobile devices 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. Contact [www.motorola.com/callsmart](http://www.motorola.com/callsmart) for more information.**

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original™ handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device 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.
- **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.
- **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.

- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **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 that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.\*
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.\*
- **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.\*

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\* Wherever wireless phone service is available.



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