

APPLICANT: MOTOROLA, INC.

FCC ID: IHDT56DW1

**INSTRUCTION MANUAL**

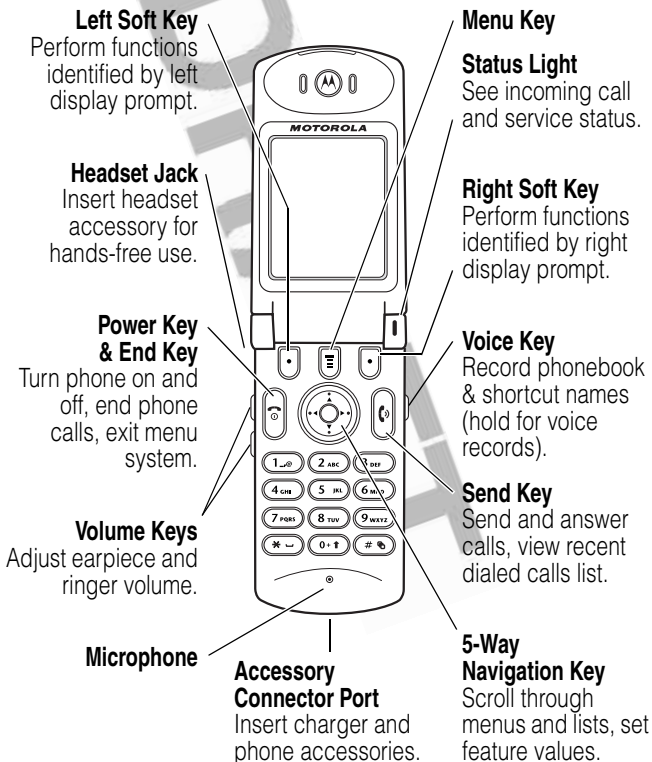
A preliminary draft copy of the Users Manual follows:

**DRAFT**











# Welcome

---

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola T725 EDGE wireless phone.



# Check It Out!

Feature	Description	
<b>Send Multimedia Message</b>	Send a multimedia message with pictures, animations, and sounds:  > <b>Messages</b> > <b>Create Message</b> > <b>New MMS</b>	
<b>Read Message</b>	Read a new text or multimedia message that you have received: Press <b>READ</b> (  ).	
<b>Store Message Objects</b>	Go to a multimedia message slide, or highlight an object in a letter, then:  > <b>Store</b>	
<b>Create Phonebook Entry</b>	Create a new phonebook entry:  > <b>Phonebook</b>  > <b>New</b> > <b>Phone Number</b> or <b>Email Address</b>	
<b>Dial Number in Phonebook</b>	Call a number stored in the phonebook:  > <b>Phonebook</b> > <i>entry to call</i> (  )	
<b>Voice Dial Number in Phonebook</b>	Voice dial a number stored in the phonebook: Press and release the voice key, and say the entry's name (within 2 seconds).	

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# Menu Map

## Main Menu

### Phonebook

### Recent Calls

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

### Messages

- Create Message
- Message Inbox
- mMode Messging
- Email Msgs
- Browser Msgs
- Voice mail
- Outbox
- Drafts
- Quick Notes



### Settings

(see next page)



### Datebook



### Office Tools

- SIM Applications \*
- Calculator
- Datebook
- Shortcuts
- Voice Records
- Alarm Clock
- Dialing Services
  - Fixed Dial
  - Service Dial \*



### Games & Apps



### Web Access

- mMode
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions



### Multimedia

- Themes
- Pictures
- Sounds
- MotoMixer
- Camera

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

\* Indicates Network or Subscription Dependant Features

# Settings Menu



## Personalize

- Home Screen
- Main Menu
- Color Style
- Greeting
- Wallpaper
- Screen Saver



## Ring Styles

- Style
- Style Detail



## Connection

- Sync



## Call Forward

- Voice Calls
- Fax Calls
- Data Calls
- Forward Status



## In-Call Setup

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



## Initial Setup

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



## Phone Status

- My Tel. Numbers
- Active Line \*
- Battery Meter



## Headset



## Car Settings



## Network



## Security

- Phone Lock
- Lock Application
- Fixed Dial
- SIM PIN
- New Passwords



## Java Settings

- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Backlight
- DNS IP

### Shortcuts

#### Change ringer alert:

Open flip and press volume keys up or down.

#### Display my phone number:

Press (from home screen).

#### Go to dialed calls list:

Press (from home screen).

#### Exit menu system:

Press .

\* Indicates Network or Subscription Dependant Features

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**DRAFT**

# ***Safety and General Information***

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

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

## ***Exposure To Radio Frequency (RF) Energy***

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

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

## ***Operational Precautions***

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

### ***External Antenna Care***

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

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

## ***Phone Operation***

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

## ***Body-Worn Operation***

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

## ***Data Operation***

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

## ***Approved Accessories***

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

## ***RF Energy Interference/Compatibility***

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

## ***Facilities***

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

## ***Aircraft***

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

## ***Medical Devices***

### **Pacemakers**

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

Persons with pacemakers should:

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

### **Hearing Aids**

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

### **Other Medical Devices**

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

## ***Use While Driving***

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



When using your phone while driving, please:

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

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

[www.Motorola.com/callsmart](http://www.Motorola.com/callsmart).

## ***Operational Warnings***

### ***For Vehicles With an Air Bag***

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

### ***Potentially Explosive Atmospheres***

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

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





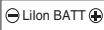
### ***Blasting Caps and Areas***

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

## Batteries

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

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

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

## Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

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

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

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

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

### ***Repetitive Motion Injuries***

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

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

# Getting Started

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## About This Guide

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

## Optional Features



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

## Optional Accessories



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

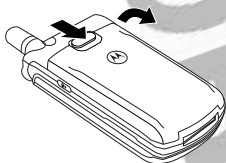
## Installing the SIM Card

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

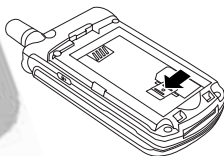
**Caution:** Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.



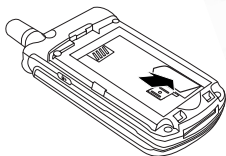
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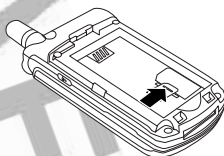
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3.



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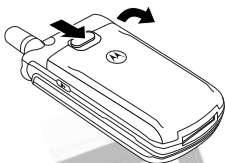
## Installing the Battery



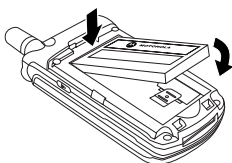
Your phone is designed to use only Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.



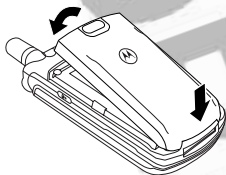
1.



2.



3.



## **Charging the Battery**

New batteries are shipped partially charged. Before you can use your phone, you need to 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 your phone with the release tab facing up.

Release Tab



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

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

## Battery Use

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

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

To maximize your battery's performance:

- Always use Motorola Original batteries and battery chargers. The phone warranty does not cover damage





caused from using non-Motorola batteries and/or battery chargers.

- New batteries or batteries that have been stored for a long time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not 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.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Over time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.



The rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode.

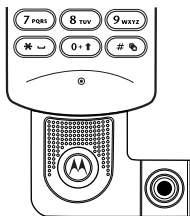


# Attaching the Camera



Insert the optional Motorola Original™ Digital Camera into the accessory connector port at the bottom of your phone as shown.


For instructions on how to take and send photos, see page 33.

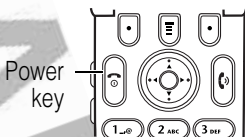


## Turning Your Phone On

### Action


1 Open your phone


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




3 If necessary, enter your SIM card PIN code and press **OK** () to unlock the SIM card

**Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.

4 If necessary, enter your 4-digit unlock code and press **OK** () to unlock the phone

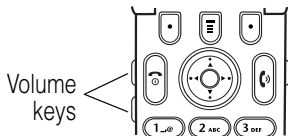
**Note:** If your phone displays **Personalize your phone?**, you can select **YES** () to change your phone's wallpaper, screen saver, and other settings. You can also change these settings from the home screen by pressing

 > **Settings** > **Personalize**. For settings details, see the chapter that starts on page 123.



## Adjusting Volume

Press the up or down volume keys to:





- increase or decrease earpiece volume during a call
- 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.

- turn off an incoming call 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

**Tip:** You can also close the phone flip to end the call.



# Answering a Call


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

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

**Tip:** When the phone flip is active, open the phone to answer the call. To activate the flip, press  > **Settings** > **In-Call Setup** > **Answer Options** > **Open to Answer** > **On**.

## Viewing Your Phone Number

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

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

**Note:** Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 61. If you do not know your phone number, contact your service provider.



# Highlight Features



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

## Sending a Multimedia Message



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

### Find the Feature

- > Messages
- > Create Message
- > New MMS


Press	To
1 keypad keys	enter slide text
2	open the menu
3	scroll to <b>Insert</b>
4 <b>SELECT</b> ()	display a list of items you can insert
5	scroll to <b>Picture, Voice Record, Sound, Quick Note, or Contact Info</b>
6 <b>SELECT</b> ()	select the file type
7	select the file you want

Press	To
<b>8</b> <b>SELECT</b> (⏏)	insert the file  Tip: To insert another slide, select <b>☰</b> > <b>Insert</b> > <b>New Page</b> . Repeat steps 1 to 8 to enter contents for the new slide
<b>9</b> <b>OK</b> (⏏)	open the recipient list
<b>10</b> (⊙)	Scroll to <b>[One Time Entry]</b> and press <b>SELECT</b> (⏏) to enter a recipient phone number. After you enter the number, press <b>OK</b> (⏏) to store it.  <b>or</b> Scroll to phonebook entries and press <b>ADD</b> (⏏) to select them. Press <b>DONE</b> (⏏) to store them.
<b>11</b> (⊙)	scroll to <b>Subject</b>
<b>12</b> <b>CHANGE</b> (⏏)	select <b>Subject</b>
<b>13</b> keypad keys	enter the subject
<b>14</b> <b>OK</b> (⏏)	store the subject
<b>15</b> <b>SEND</b> (⏏)	send the message



# Receiving a Multimedia Message



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

Press	To
<b>READ</b> (□)	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 begins playing when its slide is displayed. Use the volume keys to adjust the volume as the sound file plays.

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

- Attached files are appended to the message. To open the attachment, highlight the file indicator/filename and press **VIEW** (□) (image file type), **PLAY** (□) (sound file), or **OPEN** (□) (vObject or unknown file type).

## Sending an Email Message



You can send an email message to 1 or more recipients. You can manually enter each recipient's email address, or select addresses from the phonebook.

When you manually enter email addresses, you must insert a comma, semicolon, or colon between each address.

## Find the Feature

- ☰ > **Messages**
- > **Create Message**
- > **New Email**



Press	To
1 keypad keys	enter text for the message <b>Tip:</b> To insert a quick note, picture, sound, or voice record, press ☰ > <b>Insert Options</b> (see page 30).
2 <b>OK</b> (☐)	store the message
3 keypad keys	enter one or more phone email addresses
or	
<b>PH. BOOK</b> (☐)	select addresses from the phonebook
4 <b>OK</b> (☐)	store the addresses <b>Tip:</b> You can also store addresses in <b>Cc</b> and <b>Bcc</b>
5 	scroll to <b>Subject</b>
6 <b>CHANGE</b> (☐)	select <b>Subject</b>
7 keypad keys	enter the subject
8 <b>OK</b> (☐)	store the subject
9 	scroll to <b>Attachments</b>
10 <b>CHANGE</b> (☐)	select <b>Attachments</b>



Press	To
11	scroll to <b>Picture</b> or <b>Sounds</b>
12 <b>SELECT</b> ()	select the file type
13	select the file you want
14 <b>SELECT</b> ()	attach the file
15 <b>BACK</b> ()	return to the email form
<b>Tip:</b> To add more attachments, select <b>(New Attachment)</b>	
16	scroll to <b>Priority</b>
17  (left or right)	scroll to <b>Normal</b> or <b>Urgent</b>
18 <b>SEND</b> ()	send the message
<b>or</b>	
	save the message in the drafts folder, view message details, or cancel the message



## ***Inserting Items in Email Text***

You can insert media elements into the email message as you type it. Photos, pictures, and animations display in the message. Sounds are represented by a sound file indicator.

Press	To
1	open the menu
2	scroll to <b>Insert Options</b>





Press	To
3 SELECT (⏏)	display a list of items you can insert
4 	scroll to <b>Quick Note, Picture, Sounds, Voice Record, or Contact Info</b>
5 SELECT (⏏)	select the file type
6 	select the file you want
7 SELECT (⏏)	insert the file

## Using Photos and Pictures

You can send your photos to other wireless phone users or email addresses, assign photos to specific phonebook entries, and use them as wallpaper or screen saver images.



Your phone may contain predefined photos, pictures, and animations. You can download and store additional images on your phone.

### Downloading Pictures

To download a picture with mMode, see page 183. To store a picture from a message, see page 88.

### Managing Pictures






**Note:** Predefined images are identified by a ★ (predefined object) indicator. You cannot rename, delete, or view details about predefined images.

To view a photo, picture, or animation stored on your phone:



### Find the Feature


 > **Multimedia** > **Pictures**

Press	To
1 	scroll to the picture
2 <b>VIEW</b> (  )	view the picture
3  up or down	view the next/previous picture
or	
<b>DETAILS</b> (  )	view picture information
or	
	open the <b>Pictures Menu</b> to perform other procedures

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

Option	Description
<b>Send In Message</b>	Insert selected picture or marked picture(s) in a new <b>MMS</b> or <b>Email</b> message.
<b>New Photo Alb Msg</b>	Insert selected picture or marked picture(s) in a new <b>Photo Album</b> message.
<b>Apply As</b>	Set the picture as your phone's wallpaper or screen saver image.



Option	Description
<b>New</b>	Activate the camera accessory to take a photo. 
<b>Details</b>	View picture information.
<b>Mark/Unmark or Mark All/Unmark All</b>	Mark 1 or more pictures that you want to move, copy, send, or delete.
<b>Categories</b>	Create a new category, or view pictures in a selected category.
<b>Pictures Setup</b>	Open the setup menu to adjust picture settings.
<b>mMode Downloads</b>	Launch mMode to download a picture.
<b>View Free Space</b>	View memory space available for storing pictures.

To adjust your phone's wallpaper and screen saver images, see page 63 and page 64.

## Taking and Sending a Photo



You can take photos with your phone using the optional Motorola Original™ Digital Camera accessory, and use them as wallpaper or screen saver images.



You can also send your camera photos to others as *Multimedia Messaging Service (MMS)*

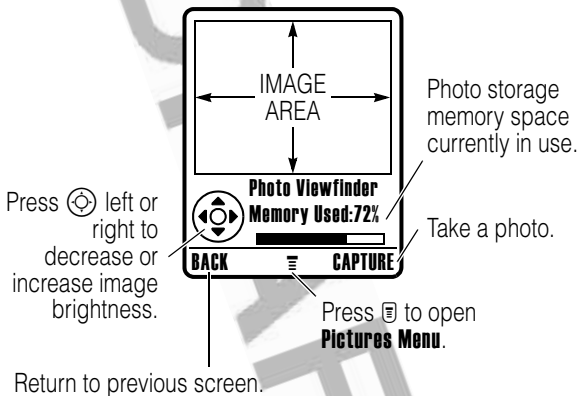
picture messages.

Attach the camera as described on page 23 and follow these steps:

### Find the Feature

 > **Multimedia** > **Camera**

The active viewfinder image appears on your display.



Point the camera lens at the photo subject, then:

<b>Press</b>	<b>To</b>
<b>1 CAPTURE</b> (⏏)	take a photo
<b>2 STORE</b> (⏏)	view storage options
<b>or</b>	
<b>DISCARD</b> (⏏)	delete the photo and return to active viewfinder
	If you choose to store the photo, continue to step 3.
<b>3</b> (⦿)	scroll to <b>Send in Message</b> , <b>Send to Photo Alb.</b> , <b>Store Only</b> , <b>Apply as Wallpaper</b> , <b>Apply as Screen Saver</b> , or <b>Apply as Phonebook</b>
<b>4 SELECT</b> (⏏)	perform the storage option of your choice

When the camera is active, the **Pictures Menu** can include the following options:

<b>Option</b>	<b>Description</b>
<b>Go To Pictures</b>	View pictures and photos stored on your phone.
<b>Auto-Timed Capture</b>	Set a timer for the camera to take a photo.
<b>Delete All</b>	Delete all pictures.





Option	Description
<b>Pictures Setup</b>	Open the setup menu to adjust picture settings.
<b>View Free Space</b>	See how much memory remains for storing pictures.

## Making a Conference Call



Connect an active call and a call on hold so that all parties can speak to each other.

	Press	To
1	keypad keys	dial the first party's number
2		call the number
3	<b>HOLD</b> () (if available) or > <b>Hold</b>	put the call on hold.
4	keypad keys	dial the next party's number
5		call the number
6	<b>LINK</b> ()	connect the 2 calls
7		end the conference call

**Tip:** Repeat steps 3 to 6 to add additional parties to the conference call.

## Synchronizing Data

You can synchronize phonebook and datebook information between your phone, computer, and PDA with BVRP

Mobile PhoneTools software, included with your phone. See the Mobile PhoneTools user's guide for more information.

**Note:** BVRP Mobile PhoneTools software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.



DRAFT

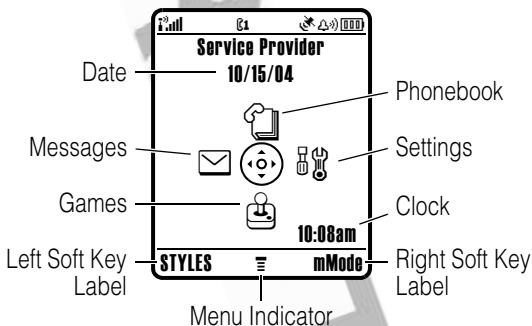
# Learning to Use Your Phone

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See page 1 for a basic phone diagram.

## Using the Display

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







Press the 5-way navigation key (⊙) left, right, up, or down to display and select 1 of the menu feature icons in the home screen. If you select a menu icon by mistake, press ⊙ to return to the home screen.



## Notes:

- Your service provider may customize the home screen so that it looks different than the display shown above. For example, your service provider may hide the home screen menu icons to allow a better view of the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide the menu icons, see page 126.
- Your display may *time out* to save battery power. If your display appears blank, press any key to reactivate it.

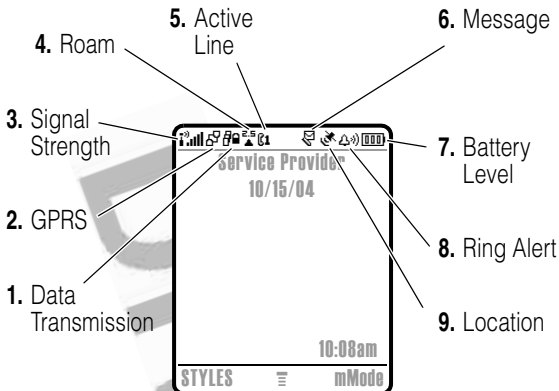
The  (menu) indicator in the bottom center of the display indicates you can press the menu key () to enter the main menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key () 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 126).



The following status indicators can display:



**1. Data Transmission Indicator** Shows connection and data transmission status. Indicators can include:


- |                                                                                                                                    |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|  = secure packet data transfer                    |  = unsecure packet data transfer   |
|  = secure application connection                  |  = unsecure application connection |
|  = secure <i>Circuit Switch Data</i> (CSD) call |  = unsecure CSD call             |



**2. GPRS Indicator** Shows that your phone is using a high-speed *General Packet Radio*



Service (GPRS) network connection. GPRS allows faster data transfer speeds. Other indicators can include:

 = GPRS PDP  
context active

 = GPRS packet  
data available

**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 is displayed.



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



 = 2.5G home


 = 2.5G roam


 = 2G home

 = 2G roam



**5. Active Line Indicator** Shows  or  to indicate the current active phone line. Other indicators can include:

 = line 1 active,  
call forward on

 = line 2 active, call  
forward on

 = alarm activated





**6. Message Indicator** Displays when you receive a new message. Indicators can include:

= text message

= voicemail message

= voicemail and text message

= answering machine

When you enter a multimedia message, a number in this location indicates the size of the message.

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

**8. Ring Alert Indicator** Shows the ring alert setting.

= loud ring

= soft ring

= vibrate

= vibrate and ring

= silent



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

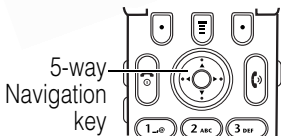
= location on

= location off

## 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
- play games

Press the *center select* button to select a highlighted menu item. The center select button usually performs the same function as the right soft key (☐).

## Using Menus

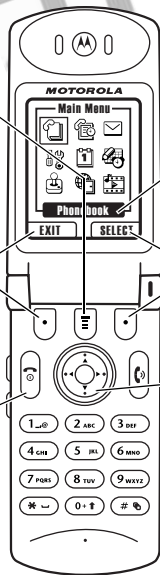
From the home screen, press ☐ to enter the main menu.



**Menu Key**  
Enter menu system, or open a sub-menu.

**Left Soft Key**  
Perform left function.


**End Key**  
Exit menu without making changes.












Current selection.

**Right Soft Key**  
Perform right function.

**5-Way Navigation Key**  
Scroll **up**, **down**, **left**, or **right**.  
Press center select button to perform right soft key function.




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

Menu Icon	Feature	Menu Icon	Feature
	<b>Games &amp; Apps</b>		<b>Multimedia</b>
	<b>Tools</b>		<b>Settings</b>
	<b>Phonebook</b>		<b>Web Access</b>
	<b>Messages</b>		<b>Recent Calls</b>
	<b>Datebook</b>		

## Selecting a Menu Feature

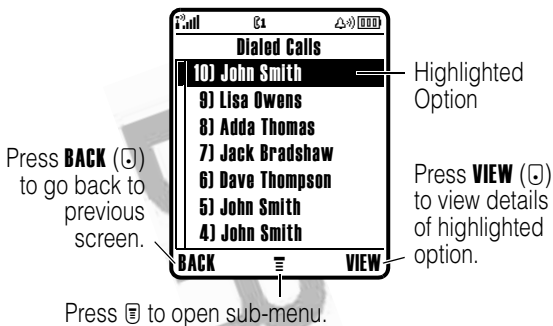
This guide shows you how to select a menu feature, starting from the home screen.

### Find the Feature > Recent Calls > Dialed Calls

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 Calls**. Press  to scroll, and the left/right soft keys to select the functions listed 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:

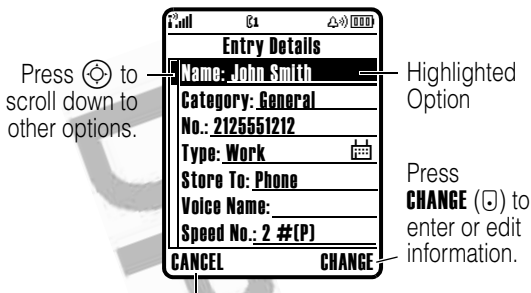


- Press to scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight the option.
- In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.
- When an option has a list of possible 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.

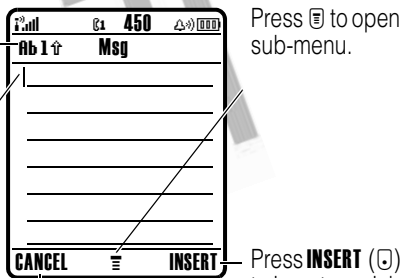


Press **CANCEL [Down Arrow]** to exit without making changes. **DONE [Down Arrow]** displays when you enter or edit information.

The message center lets you compose and send text messages.

For indicator information, see page 47.

Flashing cursor indicates insertion point.




Press **CANCEL [Down Arrow]** to exit without making changes.









## 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 method.

Press  in any text entry screen to change to 1 of the following entry methods:


- Primary** The primary text entry method (see below).
- Numeric (123)** Enter numbers only (see page 55).
- Symbol (@)** Enter symbols only (see page 54).
- Secondary** The secondary text entry method (see below).

In a text entry screen, an indicator shows the text entry method: **Numeric (123)**, **Symbol (@)**, **Primary**, or **Secondary**:

Primary	Secondary	
1	2	Tap, no capital letters
1↑	2↑	Tap, capitalize next letter only
1↑	2↑	Tap, all capital letters
		iTAP, no capital letters
		iTAP, capitalize next letter only
		iTAP, all capital letters



## Using Capitalization


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

abc = no capital letters

ABC = all capital letters

Abc = capitalize next  
letter only

## Setting Up a Text Entry Method

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

- iTAP** Let the phone predict each word as you press keys (see page 48).
- Tap** Enter letters and numbers by pressing a key 1 or more times.
- Tap Extended** Enter letters, numbers, and symbols by pressing a key 1 or more times.
- None** Hide the **Secondary** setting (only available for **Secondary Setup**).

## Using the iTAP™ Method

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

For example, if you press **7** **7** **6** **4**, letter combinations that match your keypresses display:

Press **DELETE** (**⏮**) to delete last letter.

Press **SELECT** (**⏹**) to lock highlighted combination.

Press **⬆** up to accept **Program**.

Press **⬆** right to highlight another combination. Press **\*⏪** to enter **Prog** and a space.






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 tells you which method is active (see page 42). If **ITAP** method is not available as the **Primary** or **Secondary** entry method, see page 48.

Press	To
1 keypad keys (1 press per letter)	show possible letter combinations at the bottom of the display



Press	To
2  left or right	highlight the combination you want
3 <b>SELECT</b> (  )	lock a highlighted 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 1 of your word options. When you fill memory space for unrecognized words, your phone deletes the oldest words to add new words.

## ***Using the Tap Method***


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

Regular **Tap** method cycles through the letters and number of the key you press. **Tap Extended** method also cycles

through additional symbols as shown in the “Character Chart” on page 52.

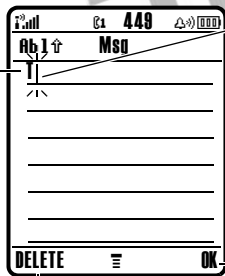
Press	To
1 A keypad key 1 or more times	select a letter, number, or symbol
2 Keypad keys	enter remaining characters <b>Tip:</b> Press  right to accept a word completion, or  to insert a space.
3 <b>OK</b> (  )	store the text




In a text entry screen, you can press  to switch entry methods. An indicator shows which method is active (see page 42). If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry method, see page 48.


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

Character displays at insertion point.

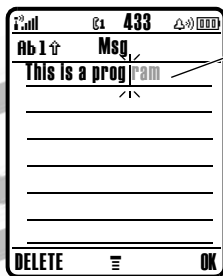


After 2 seconds, character is accepted and cursor moves to next position.

Press **DELETE** () to delete character to left of insertion point.

Press **OK** () to accept and store text.

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






Press  right to accept **Program**, or press  to reject it and enter a space after **prog**.


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

## Character Chart




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

1_@	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ \$ ¥ ¤ € + x * / \ [ ] = > < # §
2 ABC	a b c 2 á à â ã ç æ
3 DEF	d e f 3 é è ê ë
4 GHI	g h i 4 í î ï
5 JKL	j k l 5
6 MNO	m n o 6 ñ ó ò ô õ ö
7 PQRS	p q r s 7
8 TUV	t u v 8 ú ù û ü
9 WXYZ	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 an email address or URL editor,  first shows the 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 the 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> (  )	lock a highlighted combination

You can press keypad keys to add more symbols to the end of the combination.





or



enter the highlighted symbol followed by a space


### Symbol Chart

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

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




5 JKL	( ) [ ] { }
6 MNO	! @ ~
7 PQRS	< > =
8 TUV	\$ £ ¥ ¤ €
9 WXYZ	# % *
0 + #	+ - x * / \ [ ] = > < # §
* ~	<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 an email address or URL editor,  first shows the common characters for that editor.

## Using the 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.

## Deleting Letters and Words

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

### Action

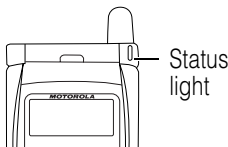
Press **DELETE** () to delete 1 letter at a time.

Hold **DELETE** () to delete the entire message.



## Using the Status Light

The status light shows when you have an incoming call or message, or when your phone is *roaming* (using a non-home system).



Indication	State
alternating red/green	incoming call
flashing green	in service, home system
flashing yellow	roaming, non-home system
flashing red	no service

You can turn off the status light to extend battery life and increase your phone's *standby time*, the length of time that your phone's battery retains power when the phone is turned on but is not in use.

To turn the status light on or off:

### Find the Feature

 > **Settings** > **Initial Setup**  
> **Status Light**

## Using the External Display

When the flip is closed, the external display shows time and phone status information. It also displays messages to notify you of incoming calls and other events. See page 40 for descriptions of the status indicators that may appear in the external display.

## **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.

We recommend that you change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

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

To change a code or password:

### **Find the Feature**

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

## **Locking and Unlocking Your Phone**

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

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

You can make emergency calls on your phone even when it is locked (see page 68).

### **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> (⏏)	lock the phone

## Unlocking Your Phone

**Tip:** Your phone's unlock code is originally set to 1234.

At the **Enter Unlock Code** prompt:

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

## If You Forget a Code, PIN, or Password

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

If you forget your unlock code, try entering 1234. If that does not work, do the following at the **Enter Unlock Code** prompt:


<b>Press</b>	<b>To</b>
1 	display the unlock code bypass screen
2 keypad keys	enter your security code
3 <b>OK</b> (  )	submit your security code

If you forget your security code, take your phone to a Motorola Authorized Service Center to have the code read. If you forget your SIM card PIN code or PIN2 code, contact your service provider.

## ***Using the Phonebook***


This section briefly describes basic phonebook operations. For more information about using the phonebook, see page 104.

### ***Storing a Phone Number***

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

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

### ***Recording a Voice Name***

When creating a phonebook entry, scroll to **Voice Name** and press **RECORD** (). Press and release the voice key and say



the entry's name (within 2 seconds). When prompted, press and release the voice key and repeat the name. Press **DONE** (⏏) to store the voice name.

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

## ***Dialing a Number***

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

## ***Voice Dialing a Number***



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

## ***Sorting Phonebook Entries***

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

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 116.

## ***Viewing Entries By Category***

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

To set the category for a phonebook entry, see page 105.

# Setting Up Your Phone

## Storing Your Name and Phone Number



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

### Find the Feature

> Settings > Phone Status  
> My Tel. Numbers

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

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

## Setting the Time and Date

You must set the time and date to use the datebook.

### Find the Feature

> Settings > Initial Setup  
> Time and Date

## 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. The ring alert indicator in the display shows the current alert style (see page 42).




To set an alert style:

### Find the Feature

 > **Settings** > **Ring Styles**  
> **Style**

Press	To
1 	scroll to the alert style
2 <b>SELECT</b> (  )	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*.

## Setting Answer Options

You can use additional, alternative methods to answer an incoming call.

### Multi-Key

answer by pressing any key





### Open to Answer

answer by opening the flip

To activate or deactivate an answer option:

### Find the Feature

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

Press	To
1 	scroll to <b>Multi-Key</b> or <b>Open to Answer</b>
2 <b>CHANGE</b> (  )	select the option
3 	scroll to <b>On</b> or <b>Off</b>
4 <b>SELECT</b> (  )	confirm the setting





# Setting a Wallpaper Image

You can set a photo, picture, or animation as a wallpaper (background) image in your phone's home screen.

## Find the Feature

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

	Press	To
1	⊕	scroll to <b>Picture</b>
2	<b>CHANGE</b> (⏏)	open the picture viewer
3	⊕ up or down	scroll to a picture/animation Scroll to <b>(None)</b> to turn off the wallpaper image.
4	<b>SELECT</b> (⏏)	select the image
5	⊕	scroll to <b>Layout</b>
6	<b>CHANGE</b> (⏏)	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 adjacent copies of the image.  <b>Fit-to-screen</b> resizes the image, if necessary, to fit the display.
8	<b>SELECT</b> (⏏)	confirm the layout setting
9	<b>BACK</b> (⏏)	save wallpaper settings



# Setting a Screen Saver Image










You can set a photo, picture, or animation as a screen saver image.

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

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

## Find the Feature

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

	Press	To
1		scroll to <b>Picture</b>
2	<b>CHANGE</b> (  )	open the picture viewer
3	 up or down	scroll to a picture/animation Scroll to <b>(None)</b> to turn off the screen saver image.
4	<b>SELECT</b> (  )	select the image
5		scroll to <b>Delay</b>
6	<b>CHANGE</b> (  )	set the delay interval
7		scroll to the inactivity interval that triggers the screen saver
8	<b>SELECT</b> (  )	confirm the delay setting
9	<b>BACK</b> (  )	save screen saver settings



# Setting Display Brightness

## Find the Feature

 > Settings > Initial Setup  
> Brightness

# Setting Display Color Style

You can select the color palette that your phone uses to display indicators, highlights, and soft key labels.

## Find the Feature

 > Settings > Personalize  
> Color Style

# Adjusting the Backlight

You can set the amount of time that the display and keypad backlights remain on, or turn off backlights to extend battery life.

## 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

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For basic instructions on how to make and answer calls, see page 24.

## Changing the Active Line



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




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

### Find the Feature

 > **Settings** > **Phone Status**  
> **Active Line**

The active line indicator in the display shows the current active phone line (see page 41).

## 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 Caller ID

## Incoming Calls



*Calling line identification* (caller ID) displays the phone number for incoming calls in your phone's external and internal displays.

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

You can also set your phone to play a distinctive ringer ID for specific entries stored in your phonebook. For more information, see page 104.

## Outgoing Calls



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

### Find the Feature

 > **Settings** > **In-Call Setup**  
> **My Caller ID**

**Shortcut:** While dialing (with digits visible in the display):

**Press**

 > **Hide ID/Show ID**

**To**

hide or show your caller ID for the next call



## 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


## 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 or the SIM card is not inserted.

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


Press	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. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new entries are added.

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

## Find the Feature > Recent Calls

Press	To
1 	scroll to <b>Received Calls</b> or <b>Dialed Calls</b>
2 <b>SELECT</b> (  )	select the list
3 	scroll to an entry <b>Note:</b> ✓ means the call connected.
4 	call the entry's number <b>Tip:</b> Press and hold  for 2 seconds to send the number as DTMF tones during a call.
or	
<b>VIEW</b> (  )	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 phonebook entry with the number in the <b>No.</b> field.
<b>Delete</b>	Delete the entry.
<b>Delete All</b>	Delete all entries in the list.
<b>Hide ID/Show ID</b>	Hide or show your caller ID for the next call.
<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 the phonebook or recent calls lists.
<b>Send Tones</b>	Send the number to the network as DTMF tones.  <b>Note:</b> This option displays only during a call.
<b>Talk then Fax</b>	Talk and then send a fax in the same call (see page 154).





## 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>VIEW</b> (⏏)	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> (⏏)	create a phonebook 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 phonebook or recent calls lists



## Calling With Speed Dial

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

**Tip:** To see an entry's speed dial number, press

 > **Phonebook**, scroll to the entry, press **VIEW** ()

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

**Tip:** You must specify which phone number list you want to use with this feature: phone memory phonebook, or SIM card phonebook (see page 121).

# Using Voicemail



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


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

## Listening to Voicemail Messages

**Find the Feature**  > **Messages** > **VoiceMail**

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> 	listen to the message

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




## Storing Your Voicemail Number

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

### Find the Feature

 > **Messages**

 > **VoiceMail Setup**





Press	To
1 keypad keys	enter your voicemail number
2 <b>OK</b> (  )	store the number

**Note:** You cannot store pause, wait, or n characters in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail. For more about these characters, see page 109.

## Using Call Waiting



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



Press	To
1 	answer the new call
2 <b>SWITCH</b> (  )	switch between calls
or	
<b>LINK</b> (  )	connect the 2 calls
or	
 > <b>End Call On Hold</b>	end the call on hold

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

### Find the Feature

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

## Putting a Call On Hold

Press	To
<b>HOLD</b> (  ) (if available) or	put the call on hold
 > <b>Hold</b>	

## Transferring a Call








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

### Announce the Call Transfer

#### Find the Feature


 > **Hold**



Press	To
1 keypad keys	dial the number where you are transferring the call
2 	call the number and speak to the person who answers
3 	open the menu
4 	scroll to <b>Transfer</b>
5 <b>SELECT</b> (  )	select <b>Transfer</b>
6 <b>OK</b> (  )	confirm the transfer

## *Do Not Announce the Call Transfer*

**Find the Feature**  > **Transfer**

Press	To
1 keypad keys	dial the number where you are transferring the call
2 	transfer the call



# Messages

---



You can send and receive messages containing a variety of media objects, including text, photos, pictures, animations, sounds, and voice records.

## Setting Up the Message Inbox

You must set up your message inbox **before** you can send and receive messages.

**Note:** Usually, your service provider has already set up the message inbox for you.

### Find the Feature

 > Messages

 > Message Setup

To set up the message inbox, you must configure the following settings. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Option	Description
<b>MMS Message Setup</b>	Set up the following <i>Multimedia Messaging Service (MMS)</i> features:
• <b>Hide Fields:</b>	Specify which fields are hidden when composing a multimedia message or letter.
• <b>Autosignature:</b>	Create a signature you can append to outgoing multimedia messages and letters.





Option	Description
	<ul style="list-style-type: none"><li>• <b>Download:</b> Download messages automatically, download only selected messages (see page 85), or download only when on your home network.</li></ul>
	<ul style="list-style-type: none"><li>• <b>Filter:</b> Reject incoming multimedia messages and letters from specific senders.</li></ul>
	<ul style="list-style-type: none"><li>• <b>Expire After:</b> Number of days your network should attempt to send undelivered multimedia messages and letters.</li></ul>
	<ul style="list-style-type: none"><li>• <b>Reply Type:</b> Standard type of reply to send to a received MMS message—(SMS) short text message, multimedia message, or multimedia letter.</li></ul>
	<ul style="list-style-type: none"><li>• <b>Size Limit:</b> Maximum size of incoming multimedia message to be downloaded to your phone.</li></ul>
	<ul style="list-style-type: none"><li>• <b>Server Info:</b> Select the server you want to use (information may be viewable only).</li></ul>
<b>Inbox View</b>	Display sender or subject information with a multimedia message or letter.
<b>Srvce Center No</b>	Number of the service center that handles your outgoing text messages.
<b>Auto Cleanup</b>	Specify the number of days you want to keep messages in the inbox, or number of messages you want to keep.



Option	Description
<b>Email Gateway</b>	Port number for the email gateway that handles your outgoing email messages (required to send a text message to an email address).
<b>SMS Alert</b>	Activate or deactivate reminders and alerts for <i>Short Message Service</i> (SMS) text messages that you receive during a call.

## ***Sending a Text Message***












You can send an SMS *text message* to other wireless phone users, and to email addresses.

### **Find the Feature**

- > **Messages**
- > **Create Message**
- > **New Short Msg**

Press	To
1 keypad keys  or <b>INSERT</b> (⏏)	enter the text message  select and insert a quick note (see following section)
2 <b>OK</b> (⏏)	store the message






Press	To
3 	Scroll to <b>[One Time Entry]</b> and press <b>SELECT</b> (  ) to enter a recipient phone number. After you enter the number, press <b>OK</b> (  ) to store it.
	<b>or</b>
	Scroll to phonebook entries and press <b>ADD</b> (  ) to select them. Press <b>DONE</b> (  ) to store them.
4 <b>CHANGE</b> (  )	select <b>Subject</b>
5 keypad keys	enter the subject
6 <b>OK</b> (  )	store the subject
7 <b>SEND</b> (  )	send the message
	<b>or</b>
	open the message menu to cancel the message or save it in the drafts folder

## Sending a Quick Note Text Message



*Quick notes* are prewritten text messages that you can send quickly (for example, **On my way**). You can also create new quick notes.

Press	To
1 	scroll to the quick note
2 <b>READ</b> (  )	read the quick note
<b>or</b>	
	open the <b>Quick Note Menu</b> to perform other procedures

The **Quick Note Menu** can include the following options:

Option	Description
<b>New</b>	Create a new quick note.
<b>Edit</b>	Edit the quick note.
<b>Delete</b>	Delete the quick note.
<b>Send</b>	Open a new message with the quick note in the <b>Msg</b> field.

## ***Sending a Multimedia Message***



An MMS *multimedia message* contains one or more slides with text and embedded media objects, synchronized in a single presentation.

You can send the message to other wireless phone users, and to email addresses.










**Tip:** The layout of all slides is determined by the layout of the first slide to contain both text and a picture. Place the cursor in the first half of the slide text to insert a












picture above the text. Place the cursor in the second half of the slide text to insert a picture below the text.

### Find the Feature

-  > **Messages**
- > **Create Message**
- > **New MMS**

Press	To
1 keypad keys	enter slide text
2 	open the menu
3 	scroll to <b>Insert</b>
4 <b>SELECT</b> (  )	display a list of items you can insert
5 	scroll to <b>Picture, Voice Record, Sound, Quick Note, or Contact Info</b>
6 <b>SELECT</b> (  )	select the file type
7 	select the file you want
8 <b>SELECT</b> (  )	insert the file
Tip: To insert another slide, select  > <b>Insert</b> > <b>New Page</b> . Repeat steps 1 to 8 to enter contents for the new slide	
9 <b>OK</b> (  )	open the recipient list



Press	To
10 	Scroll to <b>[One Time Entry]</b> and press <b>SELECT</b> (  ) to enter a recipient phone number. After you enter the number, press <b>OK</b> (  ) to store it.
	<b>or</b>
	Scroll to phonebook entries and press <b>ADD</b> (  ) to select them. Press <b>DONE</b> (  ) to store them.
11 	scroll to <b>Subject</b>
12 <b>CHANGE</b> (  )	select <b>Subject</b>
13 keypad keys	enter the subject
14 <b>OK</b> (  )	store the subject
15 <b>SEND</b> (  )	send the message

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

Option	Description
<b>Insert</b>	Insert 1 of the following items: <b>Picture, Voice Record, Sound, New Page, Contact Info, or Quick Note.</b>
<b>Delete Audio</b>	Delete the sound file attached to the current slide.
<b>Delete Page</b>	Delete the current slide.
<b>Preview</b>	Play the multimedia message.



Option	Description
<b>Set Page Timing</b>	Set the number of seconds each slide is displayed.
<b>Next Page</b>	Advance to next slide.
<b>Previous Page</b>	Go back to previous slide.
<b>Entry Mode</b>	Select the text entry method.
<b>Entry Setup</b>	Set primary and secondary text entry methods.



## Viewing the Status of Sent Messages

Messages that you send are stored in the outbox.

**Find the Feature**  > **Messages** > **Outbox**

Messages in the outbox are sorted from newest to oldest.


## Tips For Sending Messages

- Press  to select a text entry method when you enter message text (see page 47).
- When you manually enter phone numbers and/or email addresses in the **To** field, you must insert a space between each entry. Press  to the right to insert a space between each phone number or email address.



# Receiving a Message



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

**Note:** **DETAILS** appears for MMS messages if **Download** is set to **Defer** (see page 77)

Press	To
<b>READ</b> (⏏)	open the message
or	
<b>DETAILS</b> (⏏)	open message details (or a list of messages if there are more than one)
	When you are viewing message details, press <b>DOWNLD</b> (⏏) to download and read the message.

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.

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

Multimedia messages that you receive can contain different media objects:

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



- A sound file begins playing when its slide is displayed. Use the volume keys to adjust the volume as the sound file plays.

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

- Attached files are appended to the message. To open the attachment, highlight the file indicator/filename and press **VIEW** (⌘) (image file type), **PLAY** (⌘) (sound file), or **OPEN** (⌘) (vObject or unknown file type).

## Reading, Locking, or Deleting a Message

Messages in the message inbox are sorted from newest to oldest. The following indicators show message status:

✉ = unread

✉ = unread (with attachment)

☑ = read

☑ = read (with attachment)

🔒 = read and  
locked

🔒 = read and locked (with  
attachment)




The oldest messages are deleted automatically as specified by the inbox **Cleanup** setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

### Find the Feature

☰ > **Messages**  
> **Message Inbox**





<b>Press</b>	<b>To</b>
1 	scroll to the message
2 <b>READ</b> (  )	open the message
<b>or</b>	
	open the <b>Message Menu</b> to perform other procedures

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

<b>Option</b>	<b>Description</b>
<b>Call Back</b>	Call the number in the message header or embedded in the message.
<b>Go To</b>	Launch mMode and go to a Web address (URL) embedded in the message.
<b>Replay</b>	Replay a multimedia message.
<b>Reply</b>	Open a new message, with the sender's number or email address in the <b>To</b> field.
<b>Reply To All</b>	Open a new message, with the sender's number/address in the <b>To</b> field, and all other recipients listed in the <b>Cc</b> field.
<b>Forward</b>	Open a copy of the message, with an empty <b>To</b> field.
<b>Lock or Unlock</b>	Lock or unlock the message.



Option	Description
<b>Store</b>	Display a list of storable items, including inserted and attached files, and the sender's number or email address.
<b>Delete</b>	Delete the message.
<b>Delete All</b>	Delete all inbox messages.
<b>Create Message</b>	Open a new message.
<b>Setup</b>	Open the message inbox setup menu.





## Storing an Object From a Message



To store a media object contained in a multimedia message or letter, go to the slide that contains the object, or highlight the object in the letter, and then:

Press	To
1	open the <b>Message Menu</b>
2	scroll to <b>Store</b>
3 <b>SELECT</b> ()	display a list of storable items
4	scroll to <b>File</b>
5 <b>SELECT</b> ()	display the name of the object(s) in the current slide, or the name of the highlighted object in the letter






Press	To
6 	highlight the object filename, if necessary
7 <b>STORE</b> (  )	view storage options
8 	scroll to <b>Store Only</b> , <b>Apply as Wallpaper</b> , <b>Apply as Screen Saver</b> , <b>Apply as Ring Tone</b> , or <b>Apply as Power Up Animation</b> (only options appropriate to the file type are listed)
9 <b>SELECT</b> (  )	perform the storage option of your choice

## Reading Browser Messages



Your network's Web server can send you *browser messages* that you can read in mMode.

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



Press	To
<b>GO TO</b> (  )	launch mMode and view the message
or	
<b>EXIT</b> (  )	close the new message notification



To view your browser messages at any time:

## Find the Feature

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

	Press	To
1		scroll to a message
2	<b>SELECT</b> (  )	open the message



# Email

---



You can send and receive email messages with your wireless phone.

## Setting Up the Email Inbox

You must set up your email inbox **before** you can send and receive email messages.

**Note:** Usually, your service provider has already set up the email inbox for you.

### Find the Feature

 > **Messages**

 > **Email Msg Setup**

To set up the email inbox, you must configure the following settings. Actual field names and values may vary depending on the technologies available to your service



provider. Some settings may not be available for all phone models.

Setting	Description
<b>ISP settings</b>	<b>Connection type:</b> Select <b>CSD</b> or <b>GPRS</b> . <b>Dial-Up Number:</b> Phone number for a CSD connection. <b>APN address:</b> Access point name for a GPRS connection. <b>User name:</b> User name for specified connection. <b>Password:</b> Password for specified connection. <b>DNS IP:</b> Address of DNS server for specified connection.
<b>Email provider</b>	Select your email provider, or select <b>Custom</b> to manually enter <b>Protocol</b> , <b>Sending host</b> , <b>Sending port</b> , <b>Receiving host</b> , and <b>Receiving port</b> .
<b>Protocol</b>	Select protocol to communicate with receiving host: <b>POP3</b> or <b>IMAP4</b> .
<b>User ID</b>	Your user ID.
<b>Password</b>	Your user password.
<b>Sending host</b>	IP address or host name that handles your outgoing email.
<b>Sending port</b>	Port number for sending host.
<b>Receiving host</b>	IP address or host name that handles your incoming email.



Setting	Description
<b>Receiving port</b>	Port number for receiving host.
<b>Return address</b>	Your email address.
<b>Name</b>	Name to be inserted before the return address, if desired.
<b>Cleanup</b>	Number of days you want to keep messages in the inbox, or number of messages you want to keep.
<b>Save on server</b>	Select <b>Yes</b> to save copies of your email messages on the remote server. (For POP3, prevents message deletion on remote server after message is downloaded to your phone. For IMAP4, prevents message deletion on remote server after message is deleted on your phone.)
<b>Notification</b>	Select <b>On</b> to be notified when you receive a new email message.
<b>Check new msgs</b>	Interval at which your phone automatically receives new email messages in the background mode.  Select <b>No</b> if you want to only manually <b>Send/Receive Mail</b> (see page 100).
<b>Hide fields</b>	Hide fields ( <b>cc</b> and/or <b>bcc</b> ) when composing an email message.



Setting	Description
<b>Auto signature</b>	Signature to be appended to your outgoing email messages.
<b>Security</b>	<p><b>Use SSL for sending:</b> Select <b>Yes</b> to setup SSL connection with sending host.</p> <p><b>Warnings in Background:</b> Select to proceed or break connection if SSL warning displays when receiving messages in background.</p>
<b>Size restriction</b>	Maximum size of an email message to be downloaded to your phone.
<b>Unread only</b>	Select <b>Yes</b> to receive unread messages only (IMAP4 only).
<b>Receive Date Range</b>	Filter to receive messages from specified time period (IMAP4 only).
<b>Attachments</b>	Filter to receive only attached files of specified type ( <b>Graphic</b> or <b>Music</b> ) or not to receive attached files (IMAP4 only).

## ***Sending an Email Message***





You can send an email message to 1 or more recipients. You can manually enter each recipient's email address, or select addresses from the phonebook.












When you manually enter email addresses, you must insert a comma, semicolon, or colon between each address.

## Find the Feature

- ☰ > Messages
- > Create Message
- > New Email



Press	To
1 keypad keys	enter text for the message <b>Tip:</b> To insert a quick note, picture, sound, or voice record, press ☰ > <b>Insert Options</b> (see page 96).
2 <b>OK</b> (☐)	store the message
3 keypad keys	enter one or more phone email addresses
or	
<b>PH. BOOK</b> (☐)	select addresses from the phonebook
4 <b>OK</b> (☐)	store the addresses <b>Tip:</b> You can also store addresses in <b>Cc</b> and <b>Bcc</b>
5 	scroll to <b>Subject</b>
6 <b>CHANGE</b> (☐)	select <b>Subject</b>
7 keypad keys	enter the subject
8 <b>OK</b> (☐)	store the subject
9 	scroll to <b>Attachments</b>
10 <b>CHANGE</b> (☐)	select <b>Attachments</b>





Press	To
11 	scroll to <b>Picture</b> or <b>Sounds</b>
12 <b>SELECT</b> ( 	select the file type
13 	select the file you want
14 <b>SELECT</b> ( 	attach the file
15 <b>BACK</b> ( 	return to the email form
<b>Tip:</b> To add more attachments, select <b>(New Attachment)</b>	
16 	scroll to <b>Priority</b>
17  (left or right)	scroll to <b>Normal</b> or <b>Urgent</b>
18 <b>SEND</b> ( 	send the message
<b>or</b>	
	save the message in the drafts folder, view message details, or cancel the message

## *Inserting Items in Email Text*

You can insert media elements into the email message as you type it. Photos, pictures, and animations display in the message. Sounds are represented by a sound file indicator.


Press	To
1 	open the menu
2 	scroll to <b>Insert Options</b>



Press	To
3 <b>SELECT</b> (⏏)	display a list of items you can insert
4 	scroll to <b>Quick Note, Picture, Sounds, Voice Record, or Contact Info</b>
5 <b>SELECT</b> (⏏)	select the file type
6 	select the file you want
7 <b>SELECT</b> (⏏)	insert the file

## Receiving an Email Message

Email messages that you receive are stored on your service provider's email server until you download them to your phone.

If your phone is set up to check periodically for new email messages, your phone displays the  (message waiting) indicator and a **New Message** notification, and sounds an alert when you receive an email message.

Press	To
<b>READ</b> (⏏)	open the message

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.









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



**Tip:** New email messages are completely downloaded to your phone. With the IMAP4 protocol, if message size is greater than the **Size restriction** setting, the email message header is downloaded instead. While downloading a series of messages, you can press **END** (⏏) to end the connection with the email server when downloading of currently transferred message is complete. Press **END** (⏏) a second time to end the connection immediately.

## **Reading, Locking, or Deleting an Email Message**

Messages in the email inbox are sorted from newest to oldest. The following indicators show message status:

- |                                                                                                       |                                                                                                                         |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|  = unread            |  = unread (with attachment)            |
|  = unread and urgent |  = unread and urgent (with attachment) |
|  = read              |  = read (with attachment)              |
|  = read and locked   |  = read and locked (with attachment)   |






The oldest messages are deleted automatically as specified by the inbox **Cleanup** setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

**Note:** If you create personal folders, the email inbox lists folders first. Messages are located inside the folders.

**Find the Feature**

 > **Messages** > **Email Msgs**



Press	To
1 	scroll to the message
2 <b>READ</b> (  )	open the message
3 <b>BACK</b> (  )	close the message
or	
<b>REPLY</b> (  )	compose and send a reply
or	
	open the <b>Email Msg Menu</b> to perform other procedures

The **Email Msg Menu** can include the following options:

Option	Description
<b>Reply</b>	Open a new email message, with the sender's email address in the <b>To</b> field.
<b>Reply All</b>	Open a new email message, with all of the original recipients' email addresses in the appropriate fields ( <b>To</b> , <b>cc</b> ). The <b>bcc</b> field is not copied.
<b>Forward</b>	Open a copy of the email message, with an empty <b>To</b> field.
<b>Lock</b> or <b>Unlock</b>	Lock or unlock the message.
<b>Move To</b>	Move the message to a personal folder.



Option	Description
<b>Store</b>	Display a list of items that can be stored, including the sender's number or email address.
<b>Delete</b>	Delete the message.
<b>Delete All</b>	Delete all email inbox messages.
<b>Create Email</b>	Open a new email message.
<b>Send/Receive Mail</b>	Connect to your email service provider to send and receive new email.
<b>Folder</b>	Create or modify personal folders.
<b>Email Msg Setup</b>	Open the email inbox setup menu.


## Manually Sending and Receiving Email

If your phone is not set up to check periodically for new email messages, you must manually connect to your email service provider to send and receive email.

### Find the Feature



 > **Messages**

 > **Send/Receive Mail**



Press	To
1 <b>YES</b> (☐)	connect to your email service when you see <b>Connect Now?</b>
2 	scroll to the message
3 <b>READ</b> (☐)	open the message





## ***Calling a Phone Number in an Email Message***

<b>Press</b>	<b>To</b>
1 	highlight the phone number in the message
2 <b>CALL</b> (  )	call the number

## ***Sending Email to an Embedded Email Address***

<b>Press</b>	<b>To</b>
1 	highlight the address in the message
2 <b>MAIL TO</b> (  )	open a new email message, with the email address in the <b>To</b> field

## ***Going to a Web Address in an Email Message***

<b>Press</b>	<b>To</b>
1 	highlight the Web address (URL) in the email message  <b>Note:</b> The URL must be underlined in the message.
2 <b>GO TO</b> (  )	launch mMode and go to the URL




## Creating Personal Folders

You can create up to 5 personal folders to help organize your email. The email inbox lists the inbox folder first, followed by your personal folders in alphabetical order.

### Find the Feature

 > Messages > Email Msgs








 > Folder > Create

Press	To
1 keypad keys	enter the folder name
2 <b>OK</b> (  )	save the folder

## Moving Email to a Personal Folder

### Find the Feature

 > Messages > Email Msgs

Press	To
1 	scroll to the email message
2 	open the <b>Email Msg Menu</b>
3 	scroll to <b>Move to</b>
4 <b>SELECT</b> (  )	view the personal folders list
5 	scroll to the folder
6 <b>SELECT</b> (  )	select the folder
7 <b>YES</b> (  )	move the email message







## Renaming a Personal Folder

### Find the Feature

 > Messages > Email Msgs

 > Folder > Rename






Press	To
1 	scroll to the folder
2 <b>SELECT</b> (  )	select the folder
3 <b>YES</b> (  )	confirm that you want to rename the folder
4 keypad keys	enter the new folder name
5 <b>OK</b> (  )	save the folder

## ***Deleting a Personal Folder***

### **Find the Feature**

 > **Messages** > **Email Msgs**  
 > **Folder** > **Delete**

Press	To
1 	scroll to the folder
2 <b>SELECT</b> (  )	select the folder
3 <b>YES</b> (  )	delete the folder



# Setting Up Your Phonebook



You can store a list of names and phone numbers or email addresses in your phone's electronic phonebook.

To see the names in your phonebook, press **☰** > **Phonebook** from the home screen. Scroll to a name and press **VIEW** (**Ⓜ**) to view the following details for the phonebook entry.

Voice Name indicator indicates a recorded voice name.

Entry Name

Phone Number or Email Address

Speed Dial Number

Type indicator shows number type:

- = work
- = home
- = main
- = mobile
- = fax
- = pager
- = email

**(P)** indicates entry stored in phone memory, **(S)** indicates SIM memory.

Return to list.

Press **☰** to open **Phonebook Menu**.

Edit entry.

**BACK**   **EDIT**

**Carlo Emrys**  
**212-555-1212**  
**Speed No.15# (P)**  
**Category:General**  
**Ringer ID:Continental**  
**Picture:None**

**Note:** Entries stored on the SIM card do not have **Category**, **Type**, **Voice Name**, **Ringer ID**, or **Picture** information.

# Creating a Phonebook Entry

To store a phone number or email address in the phonebook:

## Find the Feature

- ☰ > **Phonebook**
- ☰ > **New** > **Phone Number** or **Email Address**



**Shortcut:** Enter a phone number in the home screen, then press **STORE** (☐) to create a phonebook entry with the number in the **No.** field.

You can store an entry on your phone or on the SIM card. A phone number or email address is required for a phonebook entry. All other information is optional. You can enter the following information for a phonebook entry.

Option	Description
<b>Name</b>	Specify the entry name. <b>Tip:</b> Press ☰ to select a text entry method. See page 46.
<b>Category</b>	Set the category to which the entry belongs ( <b>Business</b> , <b>Personal</b> , <b>General</b> , or <b>VIP</b> ). You can set the phonebook to display all entries, or display only entries in a specified category (see page 116). <b>Note:</b> The <b>Category</b> option is not available for entries stored on the SIM card.



Option	Description
<b>No. or Email</b>	Specify the entry's phone number or email address (maximum 32 characters).
<b>Type</b>	Set the entry type. <b>Note:</b> The <b>Type</b> option is not available for email entries, or for entries stored on the SIM card.
<b>Store To</b>	Set the entry's physical storage location ( <b>Phone</b> or <b>SIM</b> ).
<b>Voice Name</b>	Record a voice name for the entry. <b>Note:</b> The <b>Voice Name</b> option is not available for entries stored on the SIM card.
<b>Speed No.</b>	Change the default speed dial number for the entry, if desired.
<b>Ringer ID</b>	Set a distinctive ringer alert for the entry. Your phone sounds the ringer alert when you receive a call from this phone number. To activate ringer IDs, see page 123. <b>Note:</b> The <b>Ringer ID</b> option is not available for entries stored on the SIM card.



Option	Description
<b>Picture</b>	<p>Assign a picture caller ID photo or picture to the entry.</p> <p>Your phone displays the picture when you receive a call from this phone number.</p> <p><b>Note:</b> The <b>Picture</b> option is not available for entries stored on the SIM card.</p>
<b>MORE</b>	<p>Create another entry under the same <b>Name</b>.</p> <p>You must use a different <b>Type</b> identifier for each number.</p>

When you are finished entering information, press **DONE** (⏏) to store the entry.

## ***Creating a Group Mailing List***

You can create a group mailing list consisting of multiple phone numbers and email addresses previously stored in the phonebook. Mailing lists make it easy for you to send a text message to multiple recipients simultaneously.

### **Find the Feature**

- ☰ > **Phonebook**
- ☰ > **New** > **Mailing List**

A name is required for a mailing list entry. The mailing list must contain at least 1 member. You can enter the following information for a mailing list entry.




Option	Description
<b>Name</b>	Specify the mailing list name. <b>Tip:</b> Press <b>☰</b> to select a text entry method. See page 46.
<b>Category</b>	Set the category to which the list belongs ( <b>Business, Personal, General, or VIP</b> ). You can set the phonebook to display all entries, or display only entries in a specified category (see page 116).
<b>Members</b>	Open the list of phonebook entries that you can add or remove from the mailing list.
<b>Voice Name</b>	Record a voice name for the mailing list.
<b>Speed No.</b>	Change the default speed dial number for the mailing list, if desired. <b>Note:</b> Mailing lists cannot be stored on the SIM card.

When you are finished entering information, press **DONE** (⏏) to store the mailing list as a phonebook entry.



## 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). Insert 1 or more of the following characters in the dialing sequence to ensure that the number dials and connects properly:

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





Press	To
 > <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 dials the remaining digit(s).
 > <b>Insert 'n'</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.

### Notes:

- You can store a maximum of 32 digits for a phonebook entry stored on the phone. The maximum number may vary for entries stored on the SIM card. Each character counts as 1 digit.
- You cannot store a number that contains a **w** or **n** character on the SIM card.

## **Recording a Voice Name For a Phonebook Entry**

You can record a voice name for a new or existing phonebook entry. A voice name lets you call the phonebook entry using voice dial.









**Note:** You cannot record a voice name for an entry stored on the SIM card.

**Tip:** Make your recording in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone.



**Find the Feature**       > **Phonebook**

**Action**

- 1 Press  to scroll to the entry.
- 2 Press **VIEW** () to view entry details.
- 3 Press **EDIT** () to edit the entry.
- 4 Press  to scroll to **Voice Name**.
- 5 Press **RECORD** () to begin recording.
- 6 Press and release the voice key and say the entry's name (within 2 seconds) to record the voice name.
- 7 When prompted, press and release the voice key and repeat the name.
- 8 Press **DONE** () to store the voice name.



## ***Dialing a Phonebook Entry***

Use 1 of the following procedures to call a number (or send a text message to an email address or mailing list) stored in your phonebook.

### ***Phonebook List***

**Find the Feature**       > **Phonebook**



	Press	To
1	keypad key letter	jump to entries that begin with that letter (optional)
2		scroll to the entry
3		make the call

## Voice Dial

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

## Storing Longer Numbers

A phonebook number can contain a maximum of 32 digits and characters. You can create multiple phonebook entries to store a dialing sequence that exceeds the 32-character limit. Then you can send the entries in sequence to dial the number.

To store a dialing sequence longer than 32 characters:

### Action

- 1 Create a phonebook entry to store the first part of the dialing sequence (for example, the number for your long-distance service provider).



### Action

- 2 Create a second phonebook entry to store the next part of the dialing sequence (for example, the country code and phone number for an international call).
- 3 Repeat step 2 as necessary to store the entire dialing sequence. (For example, create a third phonebook entry to store your calling card number and PIN number.)

To dial a dialing sequence stored as multiple phonebook entries:

### Action

- 1 Dial the first phonebook entry. Perform any pause or wait tasks, if necessary, to complete the dialing sequence. Your phone returns to the home screen.
- 2 Press > **Phonebook** to reopen the phonebook.
- 3 Highlight the second phonebook entry, then press > **Send Tones** to send the next portion of the dialing sequence.
- 4 Repeat steps 2 and 3 as necessary to send the entire dialing sequence.

## Editing a Phonebook Entry

Find the Feature

> Phonebook



Press	To
1	scroll to the entry
2 <b>VIEW</b> ()	view entry details
3 <b>EDIT</b> ()	edit the entry

**Tip:** Press to open the **Phonebook Menu** to perform various procedures on the entry.

## Deleting a Phonebook Entry

**Find the Feature** > **Phonebook**

Press	To
1	scroll to the entry
2	open the <b>Phonebook Menu</b>
3	scroll to <b>Delete</b>
4 <b>SELECT</b> ()	select <b>Delete</b>
5 <b>YES</b> ()	confirm the deletion

## Sorting the Phonebook List

You can sort your phonebook list by name (the standard), speed dial number, voice name, or email address.

**Note:** The voice name sort is identical to the name sort, except that the entries with voice name tags display first.

**Find the Feature** > **Phonebook**



Press	To
1	open the <b>Phonebook Menu</b>
2	scroll to <b>Setup</b>
3 <b>SELECT</b> ()	select <b>Setup</b>
4	scroll to <b>Sort by</b>
5 <b>CHANGE</b> ()	select <b>Sort by</b>
6	scroll to <b>Name, Speed No., Voice Name, or Email</b>
7 <b>SELECT</b> ()	select the sort order

If you select **Speed No.**, **Voice Name**, or **Email**, the procedure is complete.

If you select **Name**, you must specify whether you want to view all numbers or just the primary number for each name:

Press	To
8 <b>CHANGE</b> ()	change view preference
9	scroll to <b>Primary Contacts</b> or <b>All Contacts</b>
10 <b>SELECT</b> ()	select the view preference
11 <b>DONE</b> ()	set the view preference

To set an entry's primary phone number, see the following procedure.







**Tip:** When the phonebook list displays primary numbers only, you can scroll to a name and press left or right to view other numbers associated with the name.

# Setting the Primary Number for a Phonebook Entry

When you enter multiple phone numbers for the same name, you can specify the primary number.

## Find the Feature

 > **Phonebook**

	Press	To
1		scroll to the entry
2		open the <b>Phonebook Menu</b>
3		scroll to <b>Set Primary</b>
4	<b>SELECT</b> (  )	select <b>Set Primary</b>
5		scroll to the number you want to set as the primary number
6	<b>SELECT</b> (  )	set the primary number

Depending on how the phonebook list is sorted, the primary number is listed first, or is the only number that displays for a phonebook entry.

## Using Phonebook Category Views

### Setting the Phonebook Category View

You can view all entries in the phonebook list, or view only the entries in the category you specify..

## Find the Feature

 > **Phonebook**

 > **Categories**



Press	To
1	scroll to <b>All</b> , <b>Business</b> , <b>Personal</b> , <b>General</b> , <b>VIPs</b> , or another category that you created
2 <b>SELECT</b> ()	select the category view
3 <b>DONE</b> ()	set the category view

**Note:** The phonebook category view is reset to **All** each time you turn the phone on.

## Creating a New Category

Your phone includes several predefined phonebook categories. You can create additional categories, and customize the way your phone notifies you of incoming calls from entries in different categories.

### Find the Feature

- > **Phonebook**
- > **Categories**
- > **New**

A name is required for the category. All other information is optional. You can enter the following information for a category.

Option	Description
<b>Name</b>	Enter the category name. <b>Tip:</b> Press  to select a text entry method (see page 47).







Option	Description
<b>Members</b>	Open the list of phonebook entries that you can add or remove from the category.
<b>Ringer ID</b>	<p>Set a distinctive ringer alert for the category.</p> <p>Your phone uses the alert to notify you when you receive a call from an entry in this category. To activate ringer IDs, see page 123.</p> <p><b>Note:</b> A ringer ID for an individual entry overrides the category alert.</p>

## Editing a Category

### Find the Feature

 > **Phonebook**

 > **Categories**

Press	To
1 	scroll to the category
2 	open the <b>Category Details</b> menu
3 	scroll to <b>Edit</b>
4 <b>SELECT</b> (  )	edit the category

Edit the category information as described in the previous section.

### Notes:






- You cannot edit the **All** category.
- You cannot edit the name of the **General** category.



## Deleting a Category

### Find the Feature

-  > **Phonebook**
-  > **Categories**

Press	To
1 	scroll to the category
2 	open the <b>Category Details</b> menu
3 	scroll to <b>Delete</b>
4 <b>SELECT</b> (  )	delete the category
5 <b>YES</b> (  )	confirm the deletion

### Notes:




- You cannot delete the **All** or **General** categories.
- When you delete a category, all entries in the category revert to **General**.

## Reordering Categories

You can reorder the items in the category list.

### Find the Feature

-  > **Phonebook**
-  > **Categories**
-  > **Reorder List**

Press	To
1 	scroll to a category
2 <b>GRAB</b> (  )	grab the category
3 	move the category to a new location in the list





Press	To
4 <b>INSERT</b> (⏏)	insert the category
5 <b>DONE</b> (⏏)	store the reordered category list

**Note:** You cannot move the **All** category. **All** always remains the first entry in the category view list.




## **Copying Entries Between the Phone and SIM Card**

**Note:** This does **not** delete the original entries.

### **Find the Feature**

 > **Phonebook**

 > **Copy Entries**

Press	To
1 <b>CHANGE</b> (⏏)	select <b>Entries</b>
2 	scroll to entries you want to copy
3 <b>ADD</b> (⏏)	add a highlighted entry
4 <b>DONE</b> (⏏)	store the selected entries
5 	scroll to <b>To</b>
6 <b>CHANGE</b> (⏏)	select <b>To</b>
7 	scroll to <b>Phone Memory</b> or <b>SIM Card</b>
8 <b>SELECT</b> (⏏)	select the destination
9 <b>DONE</b> (⏏)	copy the entries




# Checking Phonebook Capacity

You can see how much memory space remains for storing phonebook and datebook entries on the phone, and how many more phonebook entries you can store on the SIM card.



## Find the Feature

 > Phonebook

Press	To
1 	open the <b>Phonebook Menu</b>
2 	scroll to <b>Phone Capacity</b> or <b>SIM Capacity</b>
3 <b>SELECT</b> ( 	select <b>Phone Capacity</b> or <b>SIM Capacity</b>



Your phone displays the phone memory meter, or the number of SIM card phonebook entries available.

# Setting 1-Touch Dial Preference

You can set 1-touch dial to call the entries in your phone memory phonebook or the SIM card phonebook.

## Find the Feature

 > Settings > Initial Setup  
> 1-Touch Dial

Press	To
1 	scroll to the list you want
2 <b>SELECT</b> ( 	select the list

# Synchronizing Phonebook Entries



You can synchronize phonebook entries between your phone and computer or hand-held device with BVRP Mobile PhoneTools software, included with your phone. See the Mobile PhoneTools user's guide for more information.

**Note:** Mobile PhoneTools software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

# Personalizing Your Phone

## Personalizing an Alert Style





You can change the alerts that notify you of the following events: incoming calls, text messages, voicemail messages, data calls, fax calls, alarms, and reminders. Any changes you make are applied to the current alert style.



### Find the Feature

 > **Settings** > **Ring Styles**  
> **Style Detail**

**Note:** *Style* represents the current alert style.

	Press	To
1		scroll to the event
2	<b>CHANGE</b> (  )	select the event
3		scroll to the alert you want
4	<b>SELECT</b> (  )	select the alert

## Activating Ringer IDs



When ringer IDs are turned on, your phone uses distinctive ring tones to notify you of incoming calls or messages from specific entries in your phonebook.

**Note:** To assign a ringer ID to a new or existing phonebook entry, see page 105.

### Find the Feature

 > **Settings** > **Ring Styles**  
> *Style Detail* > **Ringer IDs**

**Note:** *Style* represents the current alert style.





Press	To
1 	scroll to <b>On</b> or <b>Off</b>
2 <b>SELECT</b> (  )	select the option

## Setting Ringer or Keypad Volume

### Find the Feature

 > **Settings** > **Ring Styles**  
> *Style Detail*

**Note:** *Style* represents the current alert style.

Press	To
1 	scroll to <b>Ring Volume</b> or <b>Key Volume</b>
2 <b>SELECT</b> (  )	select the option
3  left or right	scroll to the desired volume
4 <b>OK</b> (  )	store the setting



## Setting Reminders

A reminder is an alert that rings or vibrates at regular intervals to notify you about a message that you have received.

### Find the Feature

 > **Settings** > **Ring Styles**  
> **Style Detail** > **Reminders**

**Note:** *Style* represents the current alert style.

Press	To
1 	scroll to <b>Beep</b> or <b>Vibrate</b> to set the reminder alert type, or <b>Off</b> to turn off all reminders
2 <b>SELECT</b> (  )	select the reminder alert



## Setting a Personal Greeting



To set a personal greeting that displays when you turn on your phone:

### Find the Feature



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

## Setting Display Text

Text that is displayed in the home screen can be left justified or centered.

### Find the Feature

 > **Settings** > **Personalize**  
> **Home Screen** > **Layout**



Press	To
1 	scroll to <b>Left Justified</b> or <b>Centered</b>
2 <b>SELECT</b> (  )	select the text layout

## Selecting the Clock View


You can display an analog clock or a digital time readout in the home screen.

### Find the Feature

 > **Settings** > **Personalize**  
> **Home Screen** > **Clock**



Press	To
1 	scroll to <b>Analog</b> or <b>Digital</b>
2 <b>SELECT</b> (  )	select the clock view

## Showing or Hiding Menu Icons

You can show or hide the menu feature icons that display in the home screen. When you select **Hide**, the menu icons are hidden but remain active in the home screen, and you can press  to select them as usual.



### Find the Feature

 > **Settings** > **Personalize**  
> **Home Screen** > **Home Keys**  
> **Icons**

Press	To
1 	scroll to <b>Show</b> or <b>Hide</b>
2 <b>SELECT</b> (  )	select the option







# Personalizing Soft Keys and Menu Icons

You can change the menu feature icons and soft key labels (left  and right ) that display in the home screen, to access different main menu items from the home screen.

## Find the Feature

 > **Settings** > **Personalize**  
> **Home Screen** > **Home Keys**



Press	To
1 	scroll to <b>Up, Down, Left, Right, Left Soft Key, or Right Soft Key</b>
2 <b>CHANGE</b> (  )	select the icon or soft key
3 	scroll to a menu feature
4 <b>SELECT</b> (  )	confirm the menu feature

## Setting the Menu View

You can set your phone to display the main menu as graphic icons (the default setting) or as a text-based list.

## Find the Feature

 > **Settings** > **Personalize**  
> **Main Menu** > **View**

Press	To
1 	scroll to <b>Icons</b> or <b>List</b>
2 <b>SELECT</b> (  )	select the menu view







# Personalizing the Menu

You can reorder the items in your phone's main menu.

## Find the Feature


 > **Settings** > **Personalize**  
> **Main Menu** > **Reorder**

	Press	To
1		scroll to a menu item
2	<b>GRAB</b> (  )	grab the menu item
3		move the item to a new location in the menu
4	<b>INSERT</b> (  )	insert the menu item

## Setting the Menu Language

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

## Find the Feature

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

## Setting Menu Scroll Behavior

Set the highlight bar to stop or wrap around when you reach the top or bottom of a menu list.

## Find the Feature

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

## Resetting All Options

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

### Find the Feature

 > Settings > Initial Setup  
> Master Reset

## Clearing All Stored Information

Reset all options back to their original factory settings, **except** for the unlock code, security code, and lifetime timer, erase all downloaded pictures, animations and sound files, and clear all user settings and entries, **except** for information stored on the SIM card.

**Caution:** Master clear **erases all user-downloaded content and user-entered information** stored in your phone's memory, including phonebook and datebook entries. After you erase the information, you cannot recover it. Master clear does **not** delete any information stored on the SIM card.

### Find the Feature

 > Settings > Initial Setup  
> Master Clear





## Creating and Using Shortcuts

Your phone includes several standard shortcuts. You can create additional custom shortcuts to frequently used menu items.



## Standard Shortcuts

The following shortcuts are preprogrammed on your phone. You cannot edit or delete these shortcuts.

Task	Shortcut
Change your phone's ringer alert setting.	Open the flip, then press the down volume key (at lowest volume setting) to switch to vibrate call alert. Press again to switch to silent call alert.  Press the up volume key to cycle back to vibrate alert, then ring alert.
Display your phone number.	From the home screen, press   .
Go to the dialed calls list.	From the home screen, press  .
Exit the menu system.	Press  .





## Creating a Shortcut

You can create a keypad shortcut **and** an optional voice shortcut to a menu item. A voice shortcut takes you directly to the menu item when you say the shortcut name.



**Tip:** Make your recording in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone.


### Action

- 1 Press  to enter the menu system.
- 2 Press  to scroll to the menu item.
- 3 Press and hold  to open the shortcut editor.
- 4 Press **YES** () to view shortcut options.


**Name** is the name for the shortcut.

**Key** is the keypad shortcut number

**Voice** lets you assign a voice name to the shortcut.

- 5 Press **DONE** () to store the shortcut.

## Using a Keypad Shortcut

Press	To
1 	open the main menu
2 a number key	go to the menu item with that shortcut number

## Selecting a Shortcut from the List


**Find the Feature**

 > **Office Tools** > **Shortcuts**  
> *shortcut name*



## Using a Voice Shortcut

### Action

- 1 Press  to open the menu.
- 2 Press and release the voice key and say the shortcut's name (within 2 seconds) to go to the menu item with that shortcut name.

## Editing or Deleting a Shortcut



The shortcut list is sorted by key. If you change a shortcut's key, you change its place in the list.

### Find the Feature

 > **Office Tools** > **Shortcuts**

### Press

### To

- 1  scroll to the shortcut
- 2  open the **Shortcut Menu** to perform various procedures on the shortcut

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

Option	Description
<b>New</b>	Read instructions on how to create a new shortcut.
<b>Edit</b>	Edit the shortcut. <b>Tip:</b> Use this option to delete the associated voice shortcut.
<b>Reorder List</b>	Change the shortcut list order.

Option	Description
Delete	Delete the shortcut.
Delete All	Delete all shortcuts.

DRAFT



# Getting More Out Of Your Phone

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## Forwarding Calls




You can forward your phone's incoming voice, fax, and/or data calls directly to another phone number.

## Setting Up or Canceling Call Forwarding












The forwarding options for voice, fax, or data calls are:

Option	Description
All Calls	Forward all calls.
If Unavailable	Forward calls if your phone is unavailable.
Detailed	Set different forwarding numbers if you are out of range, unable to answer, or busy (voice calls only).
Off	Do not forward calls.

**Find the Feature**

 > **Settings** > **Call Forward**



<b>Press</b>	<b>To</b>
1 	scroll to the type of calls you want to forward  Scroll to <b>Cancel All</b> to cancel all call forwarding.
2 <b>SELECT</b> (  )	view call forwarding details
3 	scroll to <b>Forward</b>
4 <b>CHANGE</b> (  )	select <b>Forward</b>
5 	scroll to a forwarding option
6 <b>SELECT</b> (  )	store the option
7 	scroll to <b>To</b> (for <b>Detailed forwarding</b> , scroll to <b>If Busy</b> , <b>If No Answer</b> , or <b>If Unreachable</b> )
8 <b>CHANGE</b> (  )	select <b>To</b>
9 keypad keys	enter the forwarding phone number
<b>or</b>	
<b>BROWSE</b> (  )	select a number from the phonebook or recent calls lists
10 <b>OK</b> (  )	store the number
11 <b>DONE</b> (  )	save call forwarding settings

**Note:** Repeat this procedure to enter forwarding information for other call types.





## Checking Call Forwarding Status

Your network may store call forwarding status for you. To confirm the network call forwarding settings:

### Find the Feature

 > **Settings** > **Call Forward**  
> **Forward Status**

	Press	To
1		scroll to <b>Voice, Fax, or Data</b>
2	<b>View</b> (  )	confirm the network setting

## 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.

### Notes:



- Use a TSB-121 compliant cable (provided by the TTY manufacturer) to connect the TTY device to your phone.
- Set the phone volume to level 4 (middle setting) for proper operation. If you experience a high number of incorrect characters, adjust the volume as necessary to minimize the error rate.
- For optimal performance, your phone should be at least 12 inches (30 centimeters) away 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 Setup**

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

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

Option	Description
<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 the earpiece.
<b>Voice</b>	Return to normal voice mode.

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

## Returning to Voice Mode

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



# Using Fixed Dialing



When you turn on fixed dialing, you can only call numbers stored in the fixed dial list. Use this feature to limit outgoing calls to a predefined list of numbers, country codes, area codes, or other prefixes.

## Turning Fixed Dialing On or Off

### Find the Feature

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

Press	To
1 keypad keys	enter your SIM PIN2 code
2 <b>OK</b> (⏏)	open the fixed dial menu
3	scroll to <b>On</b> or <b>Off</b>
4 <b>SELECT</b> (⏏)	select the option

## Using the Fixed Dial List

You must turn on fixed dialing to open the fixed dial list.

### Find the Feature

> **Office Tools**  
> **Dialing Services**  
> **Fixed Dial**

You create and edit fixed dial entries just like phonebook entries. Fixed dial entries are stored on your SIM card, and do not have **Type**, **Voice Name**, or **Ringer ID** information.

# Using Service Dialing



Dial preprogrammed numbers stored on your SIM card. Your service provider may program your SIM card with numbers for services such as taxi companies, restaurants, and hospitals.

## Find the Feature

- > Office Tools
- > Dialing Services
- > Service Dial

# Using DTMF Tones

You can send numbers to the network as *Dual Tone Multi-Frequency* (DTMF) tones during a call. Use DTMF tones to communicate with automated systems that require you to submit a PIN code or credit card number.

## Activating DTMF Tones

You can set DTMF tones to **Long**, **Short**, or **Off**:

## Find the Feature

- > Settings > Initial Setup
- > DTMF

**Short** sends a short fixed-duration tone for each keypress. **Long** sends each tone for as long as you press the key. Short DTMF tones work with most automated systems. Some systems (such as home answering machines) may require long tones for proper activation.



## ***Sending DTMF Tones***




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

Press the number keys to send the numbers as DTMF tones during a call.

**Note:** When sending long tones, you may have to enter a single short keypress first to put the phone in DTMF mode.


### ***Sending Stored Numbers***

During a call, highlight a number in the phonebook or recent calls lists, then:

<b>Press</b>	<b>To</b>
1 	open the sub-menu
2 	scroll to <b>Send Tones</b>
3 <b>SELECT</b> (  )	send number as DTMF tones

## ***Monitoring Phone Use***

### ***View and Reset Call Timers***

**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, please contact your service provider directly.**



To view a call timer:

### Find the Feature

> Recent Calls > Call Times

Select 1 of the following options:

Option	Description
<b>Last Call</b>	Approximate time spent on the last dialed or received call. You cannot reset this timer.
<b>Dialed Calls</b>	Approximate total time spent on dialed calls since the last time you reset this timer.
<b>Received Calls</b>	Approximate total time spent on calls received since the last time you reset this timer.
<b>All Calls</b>	Approximate total time spent on dialed and received calls since the last time you reset this timer.
<b>Lifetime</b>	Approximate total time spent on all calls on this phone. You cannot reset this timer.

To reset the call timer:

Press	To
<b>1 RESET</b>	reset the time (if available)
<b>2 YES</b>	confirm the reset



## Using a Timer During a Call

You can set a timer to beep at selected intervals during a call, and display different types of information during a call.

### Find the Feature

 > **Settings** > **In-Call Setup**  
> **In-Call Timer**

Select 1 of the following **Beep** options:

Option	Description
<b>60 Seconds</b>	Beep at 1-minute intervals during a call.
<b>Off</b>	No in-call beep.

Select one of the following **Display** options:

Option	Description
<b>Time</b>	Display the approximate elapsed time for the current call.
<b>Off</b>	No in-call timer display.

## Viewing and Resetting GPRS Packet Data Timers and Data Volume Meters



Your phone may use a high-speed *General Packet Radio Service* (GPRS) network connection to transfer data during a data or fax call. This type of procedure, where an external device uses your phone to upload or download data, is referred to as an *external data session*.



mMode also may use a GPRS connection to upload and download data from the Internet. This is an example of an *internal data session*.

Your phone tracks, in 1-minute increments, the approximate time spent and approximate volume of data transferred during these data sessions.

**The amount of data session time and data transfer volume you track on your resettable data timers and data volume meters may not equal the amount of data session time or data transfer volume for which you are billed by your service provider. For billing information, please contact your service provider directly.**

### ***Data Timers***

You can view the approximate time spent on the last data session, view the approximate total time spent on all data sessions, and reset the **All Data Sessions** timers.

To view timers for the last data session:

#### **Find the Feature**

 > **Recent Calls** > **Data Times**  
> **Recent Data Session**

Select 1 of the following options:

<b>Option</b>	<b>Description</b>
<b>External Data Session</b>	Approximate time spent on the last external data session. You cannot reset this timer.



Option	Description
<b>Internal Data Session</b>	Approximate time spent on the last internal data session. You cannot reset this timer.
<b>Total Time</b>	Approximate total time spent on the last external and internal data sessions. You cannot reset this timer.

To view or reset cumulative timers for all data sessions:

**Find the Feature**     > **Recent Calls** > **Data Times**  
> **All Data Sessions**

Select 1 of the following options:

Option	Description
<b>External Data Session</b>	Approximate total time spent on all external data sessions since the last time you reset this timer.
<b>Internal Data Session</b>	Approximate total time spent on all internal data sessions since the last time you reset this timer.
<b>Total Time</b>	Approximate total time spent on all external and internal data sessions since the last time you reset this timer.
<b>Reset All</b>	Reset all data sessions timers.



## Data Volume Meters

You can view the volume of data transferred during the most recent data session, view the total amount of data transferred for all data sessions, and reset the **All Data Sessions** volume meters.

To view volume meters for the last data session:

### Find the Feature

- > Recent Calls
- > Data Volumes
- > Recent Data Session

Select 1 of the following options:

Option	Description
<b>External Data Session</b>	View data sent, data received, and total volume of data sent and received during the last external data session. You cannot reset this volume meter.
<b>Internal Data Session</b>	View data sent, data received, and total volume of data sent and received during the last internal data session. You cannot reset this volume meter.
<b>Total Data Transferred</b>	View data sent, data received, and total volume of data sent and received during the last external and internal data sessions. You cannot reset this volume meter.



To view or reset cumulative volume meters for all data sessions:

### Find the Feature

- > Recent Calls
- > Data Volumes
- > All Data Sessions

Select 1 of the following options:

Option	Description
<b>External Data Session</b>	View data sent, data received, and total volume of data sent and received for all external data sessions since the last time you reset this volume meter.
<b>Internal Data Session</b>	View data sent, data received, and total volume of data sent and received for all internal data sessions since the last time you reset this volume meter.
<b>Total Data Transferred</b>	View data sent, data received, and total volume of data sent and received for all external and internal data sessions since the last time you reset this volume meter.
<b>Reset All</b>	Reset all data sessions volume meters.



# Using Handsfree Features



You can purchase an optional Motorola Original™ handsfree car kit, speakerphone, or headset for your phone. These accessories provide alternative ways for you to use your phone without using your hands.

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

## Activating an External Speakerphone

To use an external speakerphone with your phone, connect the speakerphone and, during an active call:

Press	To
<b>SPEAKER</b> (☐) (if available) or ☐ > <b>Spkrphone On</b>	activate the connected speakerphone



## Automatic Answer

Set your phone to automatically answer calls after 2 rings (4 seconds) when connected to a car kit, speakerphone, or headset.

### Find the Feature

☐ > **Settings** > **Car Settings**  
or **Headset**

Press	To
1 ☐	scroll to <b>Auto Answer</b>
2 <b>SELECT</b> (☐)	select <b>Auto Answer</b>



Press	To
3	scroll to <b>On</b> or <b>Off</b>
4 <b>SELECT</b> ()	confirm the setting

## Voice Dial From Headset

If your headset has a send/end key, this feature enables you to press the send/end key to voice dial a call from the headset.

**Find the Feature**      > **Settings** > **Headset**

Press	To
1	scroll to <b>Voice Dial</b>
2 <b>SELECT</b> ()	select <b>Voice Dial</b>
3	scroll to <b>On</b> or <b>Off</b>
4 <b>SELECT</b> ()	confirm the setting

## Automatic Handsfree

Set your phone to automatically route calls to a car kit when it detects a connection.

**Find the Feature**      > **Settings** > **Car Settings**  
> **Auto Handsfree**



Press	To
1	scroll to <b>On</b> or <b>Off</b>
2 <b>SELECT</b> ()	confirm the setting

## Power-Off Delay

When connected to a car kit, you can set your phone to stay on for a period of time after you switch off the ignition. This prevents the phone from draining your vehicle battery, but leaves the phone on long enough that you do not have to re-enter your unlock code when making short stops.

### Find the Feature

 > **Settings** > **Car Settings**  
> **Power-Off Delay**

Press	To
1 	scroll to the time delay
2 <b>SELECT</b> (  )	confirm your selection

**Note:** This feature may not work with all car ignition switches.

**Caution:** If you select **Continuous**, the phone does not power off when you turn off the ignition. Be careful not to drain your vehicle battery if you select this option.



## Charger Time

When connected to a car kit, you can set your phone to charge itself for a specified time period after you switch off the ignition. This helps ensure that the phone battery gets fully charged while the vehicle is parked.

### Find the Feature

 > **Settings** > **Car Settings**  
> **Charger Time**



Press	To
1 	scroll to the charge time
2 <b>SELECT</b> (  )	confirm your selection

**Note:** This feature may not work with all car ignition switches.



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



An optional Motorola Original data kit (which includes a cable connector) lets you transfer data between your phone and a computer, Palm OS<sup>®</sup> compatible device, or Microsoft Windows CE,

Pocket PC, or Handheld PC device. You can:

- Use your phone as a modem to connect to the Internet.
- Use your phone to send and receive data and fax calls from your computer or handheld device.

You can also synchronize phonebook and datebook information between your phone, computer, and PDA with BVRP Mobile PhoneTools software, included with your phone.

### ***Making a Cable Connection***

#### ***Installing the Software***

To transfer data between your phone and computer, you must install the software included with the Motorola



Original data kit. See the data kit user's guide for more information.

## ***Attaching the Cable***

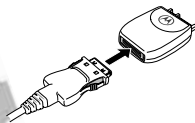
Use a Motorola Original serial cable or Motorola Original USB cable to connect your phone to the external device.

**Note:** Not all devices are compatible with a cable connection. Check your computer or hand-held device to determine the type of cable you need.

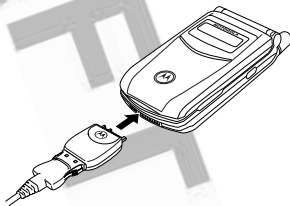
### **Serial Cable**

#### **Action**

- 1 Plug the serial cable into the detachable head. Make sure that the Motorola logo on the detachable head and the metal shielding on the serial cable plug are both facing you.



- 2 With the Motorola logo and the phone both facing you, plug the detachable head into the phone's accessory connector port.



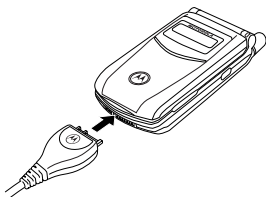
- 3 Plug the other end of the cable into the serial interface connection on the device and tighten the screws, if present.



## USB Cable

### Action

- 1 Plug the end of the cable with the Motorola logo into the phone's accessory connector port. Make sure that the logo and the phone are both facing you.



- 2 Plug the other end—the USB connection—into the USB port on the device.

### Synchronizing Data

You can synchronize phonebook and datebook information between your phone, computer, and PDA with BVRP Mobile PhoneTools software, included with your phone. See the Mobile PhoneTools user's guide for more information.

**Note:** BVRP Mobile PhoneTools software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

## ***Sending a Data or Fax Call***

Use this procedure to send data or a fax from a connected computer or hand-held device using a CSD or GPRS network connection.

### **Action**

- 1 Make sure that the phone is connected and powered on.
- 2 Open the application (such as dial-up-networking or fax) on your computer, and place the call through the application.

**Note:** You cannot dial data or fax numbers through your phone's keypad. You must dial them through your computer, unless you are making a talk then fax call (see following section).

- 3 When the transfer is complete, end the call from the connected device to close the connection.

## ***Receiving a Data or Fax Call***

Use this procedure to transfer data or a fax to a connected computer or hand-held device.

### ***Transferring the Data or Fax***

Your phone notifies you when the data or fax call arrives, and transfers the call to the connected device. Use the application running on the device to answer the call.



## Ending the Data/Fax Connection





When the data or fax transfer is complete, end the call from the connected device to close the connection.

## Making a Talk Then Fax Call



You can place a call where you talk and then send a fax to the same phone number within the same call.

Connect to the device that will send the fax, and do the following:

Press	To
1 keypad keys	enter the phone number
2 	open the <b>Dialing Menu</b>
3 	scroll to <b>Talk Then Fax</b>
4 <b>SELECT</b> (  )	select <b>Talk Then Fax</b>
	Your selection applies to the next call only.
5 	make the call
	Speak and, when ready, initiate the fax transfer on the connected device. When the transfer is complete, end the call from the connected device.

# Adjusting Network Settings



Your service provider registers your phone to its network. In some situations, such as using the phone as a modem or connecting it to a TTY device, you may need to change the network

registration.

**Note:** Some settings and/or options described in this section may not be available for all phone models.

## Finding a New Network

You may decide to switch to another network to improve the calling conditions, because of network coverage or roaming conditions. To select a new network:

### Find the Feature

 > **Settings** > **Network**  
> **New Network**

Your phone locates and registers on the strongest network apart from the current network.

## Listing All Networks

View a list of available networks, and register your phone with a network.

### Find the Feature

 > **Settings** > **Network**  
> **Available Networks**

Your phone displays a list of available networks.

**Press**

**To**

1



scroll to the network you want



Press	To
2 <b>VIEW</b> (⏏)	view network details
3 <b>REGISTER</b> (⏏)	register with the network

## Changing Network Setup Values

Set how your phone searches for a network connection.

**Note:** Actual field names and values may vary depending on the technologies available to your service provider.

### Find the Feature

☰ > **Settings** > **Network**  
> **Network Setup**

Press	To
1 ⦿	scroll to an item to change
2 <b>CHANGE</b> (⏏)	open the item's list
3 ⦿	scroll to an option described in the following lists
4 <b>SELECT</b> (⏏)	select the option

Network search **Type** options:

Option	Description
<b>Automatic</b>	Scan for networks automatically based on priority.
<b>Manual</b>	View a list of all networks from which you can choose.

Network search **Speed** options:

Option	Description
<b>Slow</b>	Slowest network search and repeat rate.
<b>Medium</b>	Medium search/repeat.
<b>Fast</b>	Fast search/repeat.
<b>Continuous</b>	Continuous search until a network is found.



## Setting Preferred Networks


You can create a preferred networks list, so that the phone searches for networks by your preference. The preferred list normally is stored on your SIM card. Some service providers may store network preferences on the phone.

### Accessing the Preferred Network List

#### Find the Feature

 > **Settings** > **Network**  
> **My Network List**

Press	To
1 	scroll to the network you want
2 <b>SELECT</b> (  )	view network details

Your home network is always the first entry in the list, and is identified by the  (home) icon. Other network entries are sorted by preference.



## Adding an Entry to the Preferred Network List

### Find the Feature




 > **Settings** > **Network**  
> **My Network List** > **Add**

	<b>Press</b>	<b>To</b>
1	<b>BROWSE</b> (⏏)	browse available networks
	or	
	<b>OK</b> (⏏)	enter the network ID number
2	<b>OK</b> (⏏)	confirm the new entry

## Editing a Preferred Network List Entry

### Find the Feature

 > **Settings** > **Network**  
> **My Network List**

	<b>Press</b>	<b>To</b>
1		scroll to the entry
2		open the network menu
3		scroll to <b>Edit</b>
4	<b>SELECT</b> (⏏)	select <b>Edit</b>
5	<b>DELETE</b> (⏏)	delete information
	or	
	keypad keys	enter information
6	<b>OK</b> (⏏)	store the new information






## Deleting a Preferred Network List Entry

### Find the Feature

 > **Settings** > **Network**  
> **My Network List**







Press	To
1 	scroll to the entry
2 	open the network menu
3 	scroll to <b>Delete</b>
4 <b>SELECT</b> (  )	select <b>Delete</b>
5 <b>YES</b> (  )	confirm the deletion

## Adjusting Service Tones

You can set your phone to beep each time the network registration status changes.

### Find the Feature

 > **Settings** > **Network**  
> **Service Tone**



Press	To
1 	scroll to <b>On</b> or <b>Off</b>
2 <b>SELECT</b> (  )	select the option

## Setting the Call Drop Alert

You can set your 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.

### Find the Feature

 > **Settings** > **Network**  
> **Call Drop Tone**

Press	To
1 	scroll to <b>On</b> or <b>Off</b>
2 <b>SELECT</b> (  )	select the option



# Monitoring Battery Charge

To view a detailed battery charge meter:

## Find the Feature

 > **Settings** > **Phone Status**  
> **Battery Meter**

DRAFT



# Personal Organizer

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## Datebook

The datebook is a calendar that you can use to schedule and organize events such as appointments and meetings.

**Note:** You must set the correct time and date to use the datebook.

To schedule or review datebook events:

**Find the Feature**  > **Datebook**

You can set the datebook to display a calendar for the month or week. To change the default view, see page 167.

### Month View

When default view is set to month, the datebook initially displays a calendar for the month. An indicator in the lower



right corner of the date box indicates that 1 or more events are scheduled for the day.

Month (press or to select previous month or next month)

Scheduled Events Indicator

Exit datebook.

Press to open **Datebook Menu**.

Days of the Week

Dates of the Month (press to scroll to and select day)

Selected Day

Go to week view

## Week View

When default view is set to week, the datebook initially displays a calendar for the week. Filled boxes indicate scheduled events.

Week (press up or down to select)

Untimed Event

Full Day (12-Hour) Event

Exit datebook.

Press to open **Datebook Menu**.

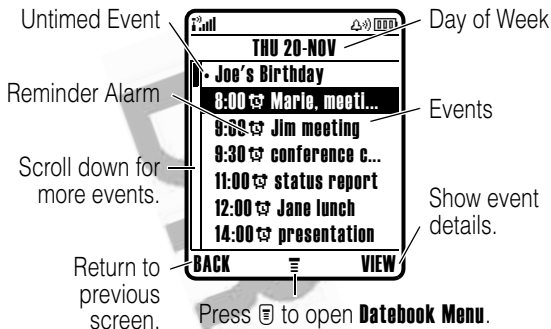
Days of the Week (press to scroll to and select day)

1-Hour Event

Go to month view

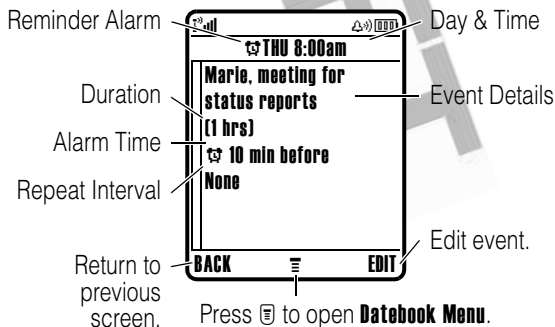
## Day View

Scroll to a day and press the center select key (⊙) to see the day's events.



## Event View

Select an event and press **VIEW** (⊙) to see event details.



## Creating a Datebook Event










A title is required for a datebook event. All other information is optional.

### Notes:

- You must create an event to use the reminder alarm.
- Your phone must be turned on for the reminder alarm to sound.

### Find the Feature

 > **Datebook**









Press	To
1  left, right, up, or down	scroll to a day
2  center	select a day
3 	scroll to <b>New</b>
4 <b>SELECT</b> (  )	create a new event
5 <b>CHANGE</b> (  )	select <b>Title</b>
6 keypad keys	enter a title for the event
	<b>Tip:</b> Press  to select a text entry method (see page 46).
7 <b>OK</b> (  )	store the event title
8 	scroll to other fields and enter information as necessary
	You can set start time, duration, date, repeat interval, and reminder alarm.
9 <b>DONE</b> (  )	store the event



## Changing Event Information

### Find the Feature







 > **Datebook**

Press	To
1  left, right, up, or down	scroll to a day
2  center	select a day
3 	scroll to the event
4 <b>VIEW</b> (  )	display the event view
5 <b>EDIT</b> (  )	edit the event
6 	scroll to the information you want to change
7 <b>CHANGE</b> (  )	edit the information
8 keypad keys	enter new information
9 <b>DONE</b> (  )	store the information

## Copying an Event

### Find the Feature

 > **Datebook**

Press	To
1  left, right, up, or down	scroll to a day
2  center	select a day
3 	scroll to the event
4 	open the <b>Datebook Menu</b>
5 	scroll to <b>Copy</b>
6 <b>SELECT</b> (  )	copy the event





Press	To
7 <b>YES</b> (⏏)	confirm the copy Your phone assumes that you want to change the date, and displays the <b>Date</b> field.
8 keypad keys	enter the date information
9 ▶ (⏏) or ⏪ to the right	move to month, day, and year
10 <b>DONE</b> (⏏)	save the copy of the event
11 ⏪	scroll to and edit event information, if necessary
12 <b>DONE</b> (⏏)	store the information

## Deleting an Event

**Find the Feature**      ☰ > **Datebook**

Press	To
1 ⏪ left, right, up, or down	scroll to a day
2 ⏪ center	select a day
3 ⏪	scroll to the event
4 ☰	open the <b>Datebook Menu</b>
5 ⏪	scroll to <b>Delete</b>
6 <b>SELECT</b> (⏏)	select <b>Delete</b>
7 <b>YES</b> (⏏)	confirm the deletion



## Viewing and Dismissing an Event Reminder

When you set a reminder alarm for an event, the phone displays an event reminder and sounds a reminder alarm. To view or dismiss an event reminder:

Press	To
<b>VIEW</b> (⏏)	view the event  Press (⏏) to scroll through the event details.
<b>or</b>	
<b>EXIT</b> (⏏)	dismiss the reminder

---

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If you have more than 1 event set up for the same time, the phone displays each event in sequence. As you view and dismiss each event reminder, the next event is displayed.

## Changing the Datebook Setup

You can set the datebook's default view to month or week, change the daily start time, and set the length of time that events are stored.

### Find the Feature

- (☰) > **Datebook**
- (☰) > **Setup**

## Synchronizing Datebook Entries



You can synchronize datebook entries between your phone and computer or hand-held device with BVRP Mobile PhoneTools software, included with your phone. See the Mobile PhoneTools user's guide for more information.









**Note:** Mobile PhoneTools software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

## Alarm Clock

Your phone has an alarm clock with 5 separate alarms that you can set and use when the phone is powered on. Each alarm can be configured with a name, time, and alert tone.


### Setting an Alarm

**Find the Feature**     > **Office Tools > Alarm Clock**

	<b>Press</b>	<b>To</b>
1		scroll to <b>[New Alarm]</b>
2	<b>SELECT</b> (  )	select the option
3	<b>CHANGE</b> (  )	select <b>Name</b>
4	keypad keys	enter a name for the alarm
5	<b>OK</b> (  )	store the name
6		scroll to other fields and enter information as necessary  You must set start time, alert tone, and alarm volume.
7	<b>DONE</b> (  )	store the alarm






## Enabling/Disabling an Alarm

Alarms that you set are listed by name on the **Alarm Clock** menu. An active alarm is identified by an  (alarm) indicator.

To enable or disable an alarm:

**Find the Feature**  > **Office Tools** > **Alarm Clock**

<b>Press</b>	<b>To</b>
1 	scroll to the alarm
2 <b>ENABLE</b> (  )	enable a highlighted (disabled) alarm
<b>or</b>	
<b>DISABLE</b> (  )	disable a highlighted (enabled) alarm

## Turning Off an Alarm

When an alarm sounds, your phone displays the alarm name, time, and date.



The alarm rings for 3 minutes, then snoozes for 8 minutes. The alarm repeats this cycle for up to 90 minutes, or until you perform 1 of the following procedures.

Press	To
<b>DISABLE</b> (⏏) or (⏏)	turn off the alarm
<b>SNOOZE</b> (⏏)	turn off the alarm for 8 minutes The alarm is reactivated at the end of 8 minutes.

## Voice Records

You can record personal messages and phone calls on your phone.

### Making a Recording

Use this procedure to create a voice record from the home screen, or to record a phone call in progress. Your phone plays an alert tone to notify the other party that the call is being recorded.

**Note:** Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.



**Tip:** Make your recording in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone.

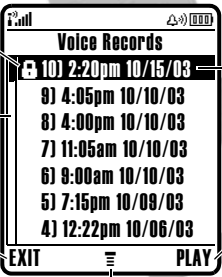
### Action

- 1 Press and hold the voice key. The phone sounds an alert tone and begins recording.
- 2 Speak into the phone.
- 3 Release the voice key to stop recording.

## Viewing the Voice Records List

### Find the Feature

- > Office Tools
- > Voice Records



Locked Recording

Scroll down for more recordings.

Return to previous screen.

Time/Date Recorded

Play highlighted recording.

Press [voice key] to open Voice Records Menu.



Recording ID	Time	Date
101	2:20pm	10/15/03
91	4:05pm	10/10/03
81	4:00pm	10/10/03
71	11:05am	10/10/03
61	9:00am	10/10/03
51	7:15pm	10/09/03
41	12:22pm	10/06/03

## Playing a Recording

### Find the Feature

- > Office Tools
- > Voice Records



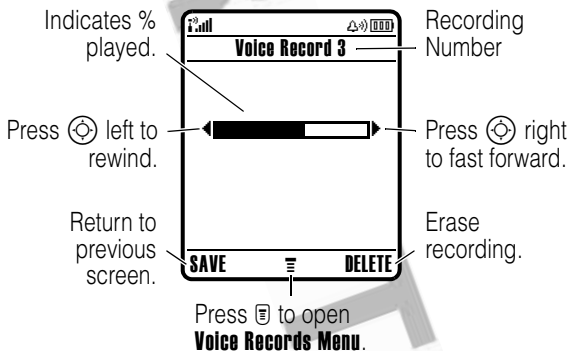
Press	To
1 	scroll to the recording
2 <b>PLAY</b> (  )	play the recording

When you connect an optional Motorola Original™ headset or FM Stereo Radio Headset accessory to your phone, playback is automatically routed to the headset.

**Tip:** You can play a recording while taking a call. It will not be transmitted to the other party.

### Playback Screen

The playback screen is displayed as the recording plays.



## Voice Record Controls

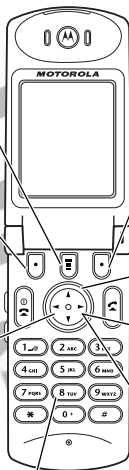
Stop playback & go to **Voice Records Menu**.

Stop playback & return to voice record list.

Raise or lower playback volume.

Press **left** to rewind 3 seconds. Press **left and hold** to rewind to beginning.

Press any number key to alternately stop/start playback.



Stop playback, view options to unlock or delete voice record.

Press **right** to fast forward 3 seconds. Press **right and hold** to fast forward to end.

When playback is complete, press **right** to restart.

Press **up/down** to stop playback & scroll to next voice record.

## Locking and Unlocking a Recording

Lock a recording to prevent it from being deleted. You must unlock a recording to delete it.

### Find the Feature

 > Office Tools  
> Voice Records





Press	To
1	scroll to the recording
2	open the <b>Voice Records Menu</b>
3	scroll to <b>Lock</b> or <b>Unlock</b>
4 <b>SELECT</b> ()	lock or unlock the recording

To lock or unlock a recording during playback:

Press	To
1	open the <b>Voice Records Menu</b>
2	scroll to <b>Lock</b> or <b>Unlock</b>
3 <b>SELECT</b> ()	lock or unlock the recording

Playback stops when you lock or unlock a recording. Press any number key to resume playback.

## Deleting a Recording

### Find the Feature

> **Office Tools**  
> **Voice Records**

Press	To
1	scroll to the recording
2	open the <b>Voice Records Menu</b>
3	scroll to <b>Delete</b> or <b>Delete All</b>
4 <b>SELECT</b> ()	select the highlighted option
5 <b>YES</b> ()	confirm the deletion
<b>or</b>	
<b>NO</b> ()	cancel deletion

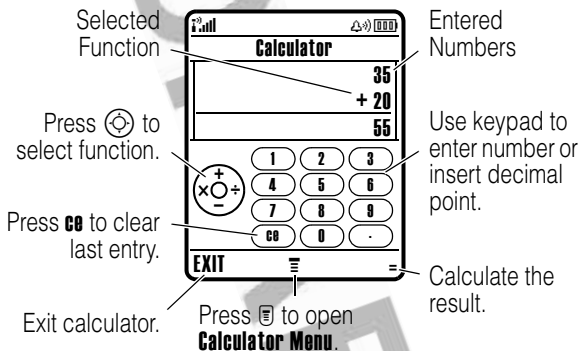


## Notes:

- You cannot delete a locked recording.
- You cannot recover a deleted recording.

# Calculator

You can use your phone as a calculator and currency converter.



## Calculating Numbers

### Find the Feature

$\equiv$  > Office Tools > Calculator

Press	To
1 number keys	enter a number
2 $\odot$	select a calculator function
3 number keys	enter next number
4 = ( $\odot$ )	calculate the result



Press **C** to clear the calculation. Press **CE** (clear entry) to clear the last entry when performing a calculation.

Press **☰** to open the **Calculator Menu** to perform the following functions:

Function	Description
+/-	Change the entry's sign (positive/negative).
<b>MS</b>	Store the value in memory (overwrites values already stored).
<b>MC</b>	Clear the value stored in memory.
<b>MR</b>	Replace the displayed value with the value stored in memory.
%	Divide the displayed value by 100.

## Converting Currency



The currency converter works just like the calculator, but converts a currency value based on the exchange rate you specify:

### Find the Feature

**☰** > **Office Tools** > **Calculator**  
**☰** > **Exchange Rate**

Press	To
<b>1</b> number keys	enter the exchange rate
<b>2</b> <b>OK</b> (⏎)	store the exchange rate
<b>3</b> number keys	enter the amount to convert (amount to multiply by the exchange rate)
<b>4</b> <b>☰</b>	open the <b>Calculator Menu</b>



Press	To
5 	scroll to <b>Convert Currency</b>
6 <b>SELECT</b> ( 	perform the conversion

DRAFT






# Security

## Locking the SIM Card

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

**Find the Feature**     > **Settings** > **Security**  
> **SIM PIN**

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

## Unlock the SIM Card PIN Code

If you enter an incorrect SIM card PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**. You must enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.



**Caution:** If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays **SIM Disabled**.

Press	To
1 * * 0 * * 5 * *	open the PIN unblocking editor
2 keypad keys	enter the PUK code
3 OK (⏎)	submit the PUK code
4 keypad keys	enter a new SIM card PIN code
	<b>Note:</b> The SIM PIN code must be between 4 and 8 digits in length.
5 OK (⏎)	assign the new SIM PIN code
6 keypad keys	re-enter the new SIM PIN code
7 OK (⏎)	confirm the new SIM PIN code and unblock the SIM card

## **Unblock the SIM Card PIN2 Code**

If you enter an incorrect SIM card PIN2 code 3 times in a row, your phone's SIM PIN2 protected features are disabled and your phone displays **SIM Blocked** when you try to use a PIN2 feature. You must enter a PIN2



unlocking key (PUK2) code, which you can obtain from your service provider.

Press	To
1 * (⋈) * (⋈) 0+ (0+†) 5 (JKL) 2 (ABC) (⋈)	open the PIN2 unlocking editor
2 keypad keys	enter the PUK2 code
3 OK (⏎)	submit the PUK2 code
4 keypad keys	enter a new SIM card PIN2 code
	<b>Note:</b> The SIM PIN2 code must be between 4 and 8 digits in length.
5 OK (⏎)	assign the new SIM PIN2 code
6 keypad keys	re-enter the new SIM PIN2 code
7 OK (⏎)	confirm the new SIM PIN2 code and unblock PIN2 features

## Locking and Unlocking Applications

You can lock specific phone applications (such as the phonebook) so that users must enter the unlock code to use them.

### Find the Feature

☰ > Settings > Security  
> Lock Application



	<b>Press</b>	<b>To</b>
1	keypad keys	enter your unlock code
2	<b>OK</b> (↵)	open the lock application menu
3	⊕	scroll to the application
4	<b>CHANGE</b> (↵)	select the application
5	⊕	scroll to <b>Locked</b> or <b>Unlocked</b>
6	<b>SELECT</b> (↵)	select <b>Locked</b> or <b>Unlocked</b>



# News and Entertainment



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## mMode





mMode lets you access Web pages and Web-based applications on your phone. Contact your service provider to set up access, if necessary.

**Note:** Your phone may use a high-speed *General Packet Radio Service* (GPRS) network connection. This type of connection is identified by a  (GPRS) indicator in the home screen that disappears when you start an mMode session. If you see an  (in-call) indicator during an mMode session, your phone is using a standard voice channel connection. The type of network connection your phone uses depends on your service provider's network. Your network connection charges may vary depending on the type of connection used.

## Starting an mMode Session

### Find the Feature

 > Web Access > mMode



Press	To
1 	scroll to a bookmark, service, or application
2 <b>SELECT</b> (  )	select the item



**Shortcut:** Press mMode (⏏) in the home screen to start an mMode session.

If you are unable to establish a network connection with mMode, contact your service provider.

## *Interacting With Web Pages*

Press	To
	scroll through text, or highlight a selectable item
<b>SELECT</b> (⏏)	select the highlighted item
keypad keys, followed by <b>OK</b> (⏏)	enter information <b>Tip:</b> Press <b>DELETE</b> (⏏) to delete 1 letter at a time if you make a mistake.
<b>BACK</b> (⏏)	go back to the previous page
	open the menu

## *Downloading Objects From a Web Page*

You can download a photo, picture, animation, sound, or phone theme from a Web page by selecting its link. You can store these media objects on your phone, and use them as wallpaper images, screen saver images, and event alerts.



## Storing a Picture File



Press	To
1 <b>STORE</b> (⏏)	view storage options
2	scroll to <b>Store Only</b> , <b>Apply as Wallpaper</b> or <b>Apply as Screen Saver</b>
3 <b>SELECT</b> (⏏)	perform the storage option of your choice

## Storing a Sound File

Press	To
1 <b>STORE</b> (⏏)	view storage options
2	scroll to <b>Store Only</b> or <b>Set As Ring Tone</b>
3 <b>SELECT</b> (⏏)	select the option  If you select <b>Store Only</b> , the procedure is complete.  If you select <b>Set As Ring Tone</b> , your phone displays <b>Set As Which?</b> , and lists the events for which you can set an alert.
4	scroll to the event
5 <b>SELECT</b> (⏏)	store the sound and set it as the event alert

## Selecting or Creating a Web Session

Use this feature to select or create a *Web session*, or network connection profile. You can use different Web sessions to connect to the Internet in different ways.

### Find the Feature

- > Web Access
- > Web Sessions

To create a Web session, you must configure the following settings. Contact your service provider to obtain the following information, if necessary. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Option	Description
<b>Name</b>	Enter the Web session name.
<b>Homepage</b>	Specify the default home page.
<b>WAP IP 1</b>	Primary WAP gateway IP address.
<b>WAP Port 1</b>	Primary WAP port number.
<b>WAP IP 2</b>	Secondary WAP gateway IP address.
<b>WAP Port 2</b>	Secondary WAP port number.
<b>Timeout</b>	Time at which the phone exits mMode when no keypress activity is detected.
<b>CSD No. 1</b>	Primary phone number to use to set up a CSD connection.
<b>User Name 1</b>	User name for primary CSD number.





Option	Description
<b>Password 1</b>	Password for primary CSD number.
<b>Speed (Bps) 1</b>	Connection speed for primary CSD number.
<b>Line Type 1</b>	Line type (modem or ISDN) for primary CSD number.
<b>CSD No. 2</b>	Secondary CSD dial-up phone number.
<b>User Name 2</b>	User name for secondary CSD number.
<b>Password 2</b>	Password for secondary CSD number.
<b>Speed (Bps) 2</b>	Connection speed for secondary CSD number.
<b>Line Type 2</b>	Line type (modem or ISDN) for secondary CSD number.
<b>GPRS APN</b>	GPRS access point name (the name of the WAP service provider).
<b>User Name</b>	User name for GPRS APN connection.
<b>Password</b>	Password for GPRS APN connection.

## Phone Themes

A *phone theme* consists of a bundled set of image and sound files with a specific theme (such as a special event or cartoon character) that you can apply collectively to

your phone. Phone themes typically include a wallpaper image, screen saver image, and ring tone. Your phone includes several preloaded themes. You can download and install additional themes on your phone.

## Downloading Themes

To download a theme from mMode, see page 183. When you install the theme, you can instantly apply its screen saver, wallpaper, and ring tone when your phone prompts you to **Apply Theme Now?**

## Selecting Themes

You can apply any of the themes installed on your phone.

**Note:** If 1 of a theme's components is not available, then a default setting is applied.

### Find the Feature

 > **Multimedia** > **Themes**  
> *theme*




## Deleting Themes



You cannot delete the preloaded themes on your phone. To delete 1 or all of the themes that you have downloaded and installed:

### Find the Feature

 > **Multimedia** > **Themes**  
> *theme*

Press	To
1 	open the <b>Theme</b> menu
2 	scroll to <b>Delete</b> or <b>Delete All</b>
3 <b>SELECT</b> (  )	select the option



# Games and Applications






Your phone contains Java games that you can play between calls. Each game includes online playing instructions.

Your phone may contain additional Java applications that add features and functionality to your phone. Java games and applications are stored in the **Games & Apps** folder on your phone.

## Downloading an Application With mMode

**Find the Feature**       > **Web Access** > **mMode**

Go to the page that contains the application, then:

Press	To
1 	scroll to the application
2 <b>SELECT</b> (  )	view the application details
3 <b>DOWNLOAD</b> (  )	download the application

**Note:** If you do not have enough phone memory to download a Java application, you can free memory space by deleting unused Java applications.

## Launching a Java Application

**Find the Feature**       > **Games & Apps**



Press	To
1	scroll to the application
2 <b>SELECT</b> ()	launch the application, or open the list of applications in a suite
3	scroll to the application you want, if necessary
4 <b>SELECT</b> ()	launch the application

## Using Control Keys

Your phone's keys perform the following functions in a Java application.

Key	Function
	Move up, down, left, or right in a game.
	"Fire" your weapon in a game.
	End the application.
	Call a number in the application.
	Open the Java applications menu.

## Analyzing or Deleting a Java Application

**Find the Feature**

> Games & Apps

Press	To
1	scroll to the application
2	open the application manager menu



Press	To
3	scroll to a menu option
4 <b>SELECT</b> ()	select the option to perform procedures as described in the following list

The application manager menu can include the following options:

Option	Description
<b>View Details</b>	Display the suite name, vendor, version, number of apps, flash usage, and memory requirements.
<b>Delete</b>	Delete the suite.

## Viewing Java Version and Available Memory

To view Java version information, or the amount of phone memory available for Java applications:

### Find the Feature

> **Settings** > **Java Settings**  
> **Java System**

Press	To
1	scroll through information as described in the following list
2 <b>OK</b> ()	close the display





Option	Displays
<b>CLDC Version</b>	Your phone's connected limited device configuration version.
<b>MIDP Version</b>	Your phone's mobile information device profile version.
<b>Data Space</b> (both Java and non-Java data space)	Memory available for application data (such as game scores or application settings), and for downloaded graphics, ring tones, all photos and MMS messages.
<b>Program Space</b>	Memory available for Java applications.
<b>Heap Size</b>	Amount of runtime memory available for Java applications.

**Note:** If you do not have enough phone memory to download a Java application, you can free memory space by deleting unused Java applications.

## ***Editing Sounds with MotoMixer***

MotoMixer lets you edit and save special MIDI-based sound files called *Groove Tunes* on your phone. These sound files are made up of 4 instruments such as **piano**, **bass**, **drums**, and **guitar**. The phone comes preloaded with base tracks (which you cannot edit or delete), but you can download others and use them all to create or edit your own mix files. The mix files you create display in the list of available alerts.













**Note:** To download new MotoMixer files, see page 183.

## Creating or Editing a Mix File

### Find the Feature

 > **Multimedia** > **MotoMixer**  
> **[New MotoMixer]** or  
*mix file name*



Press	To
1 	scroll to the base track
2 <b>SELECT</b> (  )	select the base track
3 <b>CHANGE</b> (  )	select <b>Name</b>
4 keypad keys	enter a name for the mix file you are creating
5 <b>OK</b> (  )	store the name
6 <b>CHANGE</b> (  )	select <b>Tempo</b>
7  left or right	adjust the tempo setting
8 <b>OK</b> (  )	store the tempo setting
9 <b>CHANGE</b> (  )	select <b>Mix</b> to open the mix editor
10 <b>PLAY</b> (  )	start playing/mixing the track
11 keypad keys	edit the instruments (see following section)
	The track plays to the end and stops. To edit your mix, press <b>PLAY</b> (  ) again.
12 <b>BACK</b> (  )	close the base track editor
13 <b>DONE</b> (  )	close the mix file display

## MotoMixer Editing Controls

You can select which instruments you want to play and when you want to play them. The mix editor shows the current settings for each instrument (see following table for details).



Press first column keypad keys (**1..@**, **4 CH**, **7 PAGES**, **\* <**) to turn instruments on/off.

Second column keypad keys add effects.

Third column keypad keys set instrument variant.

Instrument Name

<b>Piano</b>	◀○	◀...○	◻
<b>Bass</b>	◀○	◀...○	◻
<b>Drums</b>	◀○	◀...○	◻
<b>Guitar</b>	◀○	◀...○	◻
<b>BACK</b>	☰		<b>PLAY</b>

Press **PLAY** (◻) to play the mix file. Turn instruments on or off, add effects, and/or set an instrument variant using the following keypad keys:

Key	Effect
<b>1..@</b>	Turn on/off <b>first</b> instrument ( <b>Piano</b> above)
<b>2 ABC</b>	Add effect to first instrument
<b>3 DEF</b>	Set variant for first instrument



Key	Effect
	Turn on/off <b>second</b> instrument ( <b>Bass</b> above)
	Add effect to second instrument
	Set variant for second instrument
	Turn on/off <b>third</b> instrument ( <b>Drums</b> above)
	Add effect to third instrument
	Set variant for third instrument
	Turn on/off <b>fourth</b> instrument ( <b>Guitar</b> above)
	Add effect to fourth instrument
	Set variant for fourth instrument

Use the following keys to perform additional mix functions:

Key	Effect
	Open the <b>Mix Menu</b> to reset 1 or all instruments
<b>BACK</b> ()	Return to the <b>Mix Details</b> display when you are finished mixing

## Using, Editing, or Deleting a Mix File

To edit or delete a mix file, or set a mix file as a ring tone:

### Find the Feature

> **Multimedia** > **MotoMixer**

Press	To
1	scroll to the mix file
2	open the <b>Mix Menu</b>



Press	To
3	scroll to <b>Edit, Delete, Play, or Set as Ring Tone</b>
4 <b>SELECT</b> ()	select the option

## Creating Ring Tones

You can create and store custom ring tones on your phone. The ring tones display in the list of available alerts.

### Creating a Tone

#### Find the Feature

> **Multimedia** > **Sounds**  
> **[New iMelody]**


Press	To
1 <b>CHANGE</b> ()	select <b>Notes</b>
2  up or down or keypad keys	enter notes (see following section)
3 <b>OK</b> ()	store the notes
4 <b>CHANGE</b> ()	select <b>Name</b>
5 keypad keys	enter the name for the tone
6 <b>OK</b> ()	store the name
7 <b>DONE</b> ()	store the tone

### Entering Notes

Press up or down to cycle through notes and select the note you want.



Press the keypad keys to set note length, enter rests, and enter or edit note information. If necessary, press a keypad key multiple times to cycle through its available options.


**Tip:** Press  > **Play All** at any time to play the notes you have entered.

Your phone identifies each note by **octave** (\*0 through \*8), **note** (a through g, with sharp notes preceded by a #), and **note length** (0 through 5). For example, a C# quarter note in octave 4 displays as \*4#c2.

Each note must contain the following information, in the following sequence: **octave**, **note**, **length**, and **length modifier** (optional).

### Octave

Enter \* before a number to identify it as an octave value. Octave information (\*0 to \*8) must come **before** the note. If you do not specify an octave, the note is played as an octave 4 note.

Key	Display	Description
	*	enter * followed by a number (0 to 8) to set the octave

### Notes and Rests

To make a note sharp or flat, enter the sharp or flat character (# or ♭) **before** the note.

You can enter 1 or more rest characters (r) in the note sequence. Set rest length the same way you set note length.



Key	Display	Description
0 + #	#	sharp
	b	flat
2 ABC	a	note A
	b	note B
	c	note C
3 DEF	d	note D
	e	note E
	f	note F
4 GHI	g	note G
7 PQRS	r	rest

### Lengths and Modifiers

Set the length (0 to 5) **after** a note or rest. If you do not specify a length, a quarter note length (2) is appended to the note. If needed, you can enter an optional length modifier (. or : or ;) **after** the length character.

Key	Display	Description
0 + #	0	whole note
1 ..@	1	half note
2 ABC	2	quarter note
3 DEF	3	eighth note
4 GHI	4	sixteenth note
5 JKL	5	1/32 note



Key	Display	Description
<b>1..e</b>	.	dotted note (1 and 1/2 length note)
	:	double dotted note (1 and 3/4 length note)
	;	2/3 length note

### Example

#### Action

- 1 Press to scroll up to **\*4c**, then wait for the cursor to move to the next position
- 2 Press to scroll down to **\*3f**  
The phone adds a **2** after each note you enter to identify it as a quarter note.
- 3 Press **7** to enter a rest character (**r**)
- 4 Press to scroll up to **\*3a**
- 5 Press to scroll up to **\*4c**
- 6 Press > **Play All** to play the tone

### Playing a Tone

#### Find the Feature

> **Multimedia** > **Sounds**

Press	To
1	scroll to the tone
2 <b>PLAY</b> ()	play the tone














## Editing a Tone

You cannot edit the predefined ring tones included with your phone. To edit a ring tone that you created:

### Find the Feature

 > **Multimedia** > **Sounds**



Press	To
1 	scroll to the tone
2 	open the <b>Tone Menu</b>
3 	scroll to <b>Edit</b>
4 <b>SELECT</b> (  )	select <b>Edit</b>
5 	scroll to <b>Notes</b>
6 <b>CHANGE</b> (  )	select <b>Notes</b>
7  left or right	move the cursor to the right of the note information you want to edit
8 <b>DELETE</b> (  )	delete note information
9  up or down or keypad keys	enter new note information
10 <b>OK</b> (  )	store new note information
11 <b>DONE</b> (  )	save your changes

## Deleting a Tone

You cannot delete the predefined ring tones included with your phone. To delete a ring tone that you created:

### Find the Feature

 > **Multimedia** > **Sounds**



Press	To
1	scroll to the tone
2	open the <b>Tone Menu</b>
3	scroll to <b>Delete</b>
4 <b>SELECT</b> ()	select <b>Delete</b>
5 <b>YES</b> ()	confirm the deletion

## Camera Settings



You can take photos with your phone when the optional Motorola Original™ Digital Camera accessory is plugged into the phone's accessory connector port. For instructions on how to take and send photos, see page 33.

To adjust camera settings:

### Find the Feature

> **Multimedia** > **Pictures**

> **Pictures Setup**

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

Option	Description
<b>Lighting Conditions</b>	Set to <b>Automatic</b> , <b>Sunny</b> , <b>Cloudy</b> , <b>Indoor (Home)</b> , <b>Indoor (Office)</b> , or <b>Night</b> .
<b>Exposure</b>	Set to <b>+2</b> , <b>+1</b> , <b>0</b> , <b>-1</b> , or <b>-2</b> .



Option	Description
<b>Resolution</b>	Set the camera to capture photos at the following resolutions: <b>MMS</b> (160x120 pixels), <b>Medium</b> (320x240 pixels), or <b>High</b> (640x480 pixels)
<b>Shutter Tone</b>	Activate a tone that sounds when you take a photo. Can be set to <b>None</b> , <b>Chimp</b> , <b>Quack</b> , <b>Flix</b> , <b>Boing</b> , or <b>Click</b> .
<b>Status Icons</b>	Turn status icons <b>On</b> or <b>Off</b> in camera viewfinder mode.

## ***SIM Applications***



Your SIM card may contain applications that process your outgoing calls, text messages, and other events. Contact your service provider for more information.

### **Find the Feature**





- > **Office Tools**
- > **SIM Applications**

# Troubleshooting

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Check these questions first if you have problems with your phone. If you need additional help, contact the Motorola Customer Call Center at 1-800-331-6456 (USA) or 1-800-461-4575 (Canada).



Question	Answer
<b>Is your battery charged? Do you see  in the display?</b>	The battery level indicator should have at least 1 segment showing (  ). If it does not, recharge your battery (see page 20.)
<b>Do you have a valid SIM card inserted in your phone?</b>	If necessary, turn off your phone and make sure that you have inserted a valid SIM card (see page 19).
<b>Does the handset have a signal? Do you see  in the display?</b>	The signal strength indicator should have at least 1 segment showing (  ). If it does not, move to an area with a stronger signal to use your phone.
<b>Is the earpiece volume too low?</b>	While on a call, press the upper volume key on the side of your phone.


<b>Question</b>	<b>Answer</b>
<b>Is the other party unable to hear you?</b>	Your phone may be muted. Press <b>UNMUTE</b> (🔇) if necessary to unmute the phone.  Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.
<b>Has the phone been damaged, dropped, or gotten wet?</b>	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
<b>Was a non-Motorola battery or battery charger used?</b>	



The following refer to specific problems:

<b>Problem</b>	<b>Solution</b>
<b>My phone was stolen. To whom should I report this?</b>	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
<b>I forgot my password.</b>	See page 58.





Problem	Solution
<p><b>I pressed the power key, but nothing happened.</b></p>	<p>Be sure to press and hold  (power key) until the display appears and you hear an alert. This could take several seconds. If nothing happens, check that a charged battery is installed (see page 19).</p>
<p><b>The display says: Insert SIM Card or Check SIM Card even though I have inserted my SIM card in the phone.</b></p>	<p>The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly (see page 19).</p>
<p><b>The display says: SIM Blocked. How do I unblock my SIM card?</b></p>	<p>Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN unblocking key (PUK) code (see page 178).</p>
<p><b>The display says: Enter Unlock Code. How do I unlock my phone?</b></p>	<p>Enter the factory-preset unlock code (1234), or the last 4 digits of your phone number. If this fails, call your service provider (the company that sends you your monthly wireless service bill).</p>




Problem	Solution
<p><b>My phone asks for an unlock code when I try to open a feature.</b></p>	<p>The application you want is locked. If you do not know the unlock code, see page 58.</p>
<p><b>My phone does not ring.</b></p>	<p>If you see  or  in the display, then the ringer is turned off. To change the ring style, see page 61.</p> <p>Also, the ringer may be set to <b>Silent</b> even though your phone is set to an audible ring style. To set an audible alert, see page 123.</p>
<p><b>I tried to place a call and heard an alternating high/low tone.</b></p>	<p>Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call.</p>
<p><b>I cannot send/receive calls.</b></p>	<p>Make sure that you have a phone signal (the signal strength indicator should have at least 1 segment showing). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.</p> <p>Also, check to be sure your SIM card is installed and working.</p>





Problem	Solution
<p><b>My phone has poor reception and drops calls.</b></p>	<p>Make sure that your antenna is not bent or damaged.</p> <p>Also, make sure you have a phone signal (the signal strength indicator should have at least 1 segment showing). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.</p>
<p><b>I cannot hear others on my phone.</b></p>	<p>While on a call, press the upper volume key. Your phone display should show the volume increasing.</p> <p>Also, make sure that your phone's earpiece is not blocked by its carrying case.</p>
<p><b>I cannot open my text message inbox.</b></p>	<p>Before you can use text messages, you must set up the message inbox (see page 77).</p>
<p><b>How do I see the calls I sent or received?</b></p>	<p>To see the most recent calls you dialed or received:</p> <ul style="list-style-type: none"> <li>☰ &gt; <b>Recent Calls</b></li> <li>&gt; <b>Received Calls</b> or <b>Dialed Calls</b></li> </ul>




Problem	Solution
<p><b>My phone will not send voicemail commands, passwords, or other codes.</b></p>	<p>You must send PIN codes and passwords as DTMF tones while on a call. You can set your phone's DTMF tones to be <b>Long</b>, <b>Short</b>, or <b>Off</b>. If you have trouble sending numbers, try changing the DTMF setting.</p> <ol style="list-style-type: none"> <li>From the home screen, press:           <ul style="list-style-type: none"> <li> &gt; <b>Settings</b> &gt; <b>Initial Setup</b> &gt; <b>DTMF</b></li> </ul> </li> <li>Press  to scroll to <b>Long</b> or <b>Short</b>.</li> <li>Press <b>SELECT</b> () to select it.</li> </ol>
<p><b>My phone's display is too dark.</b></p>	<p>Use the <b>Brightness</b> feature to change the level of contrast in your display (see page 65).</p> <p>You can also use the <b>Backlight</b> feature to change the length of time that the display backlight stays on (see page 65).</p>
<p><b>My battery didn't last as long as I expected. What can I do to extend battery life?</b></p>	<p>Your battery's performance is affected by charge time, feature use, temperature changes, backlight use, and other factors. For tips on extending battery life, see page 21.</p>





Problem	Solution
<p><b>I am unable to record a voice note, voice name, or voice shortcut</b></p>	<p>Try moving to a quieter location to make your voice recording. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.</p>
<p><b>My TTY device doesn't work with my phone.</b></p>	<p>Your phone must be set to a TTY mode for the phone to detect your TTY device (see page 137).</p>
<p><b>I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready to go?</b></p>	<p>The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected—the smaller end to your phone and the larger end to your computer.</p> <p>Also, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, to automatically activate the port.</p>

Problem	Solution
<p><b>My phone beeped when I attached the data cable, but my data and fax applications do not work.</b></p>	<p>Some wireless networks may not support data or fax transmission. If you are roaming on an unfamiliar network, this may be the case.</p> <p>Also, remember that data and fax transmission usually requires a subscription. Call your service provider for more information.</p>
<p><b>When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?</b></p>	<p>19200 Kbps is the data transfer rate of the connection between your computer and the phone in a standard <i>Circuit Switch Data</i> (CSD) connection. The rate of the connection between your phone and the network is displayed on your phone, and will be either 14400 or 9600 Kbps.</p> <p><b>Note:</b> A GPRS connection may have a higher data transfer rate.</p>
<p><b>I can't end my data call by closing the application on my computer. What can I do?</b></p>	<p>Try pressing  on your phone. Also try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer.</p>





Problem	Solution
<p><b>I launched the micro-browser but the display says: Network Not Available.</b></p>	<p>You may be in an area without service, or you may be connected to a network that does not support Internet access.</p>
<p><b>I launched the micro-browser but the display says: Server Not Responding.</b></p>	<p>Try again in a few minutes. The servers may be temporarily busy.</p>

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

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**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 0.71 W/kg, and when worn on the body, as

described in this user guide, is 0.26 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.12 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.

# **Consumer Information on Wireless Phones from the FDA**

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

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

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

## ***Do wireless phones pose a health hazard?***

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

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

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a

case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

## ***What about children using wireless phones?***

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

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

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

### ***Do handsfree kits for wireless phones reduce risks from exposure to RF emissions?***

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

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

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

# **Motorola Limited Warranty for the United States and Canada**

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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>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>Products Covered</b>	<b>Length of Coverage</b>
<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

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# **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 phone. Registering helps us facilitate warranty service, and permits us to contact you should your phone 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.

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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.

## **RF Energy Interference**

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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.

## ***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 in the United States, including information on where to recycle wireless devices near you, please visit [www.recyclewirelessphones.com](http://www.recyclewirelessphones.com)

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U.S. patent Re. 34,976

DRAFT



**MOTOROLA**

# **Wireless Phone Safety Tips**

*“Safety is your most important call!”*

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

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

- 1 Get to know your Motorola wireless phone and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- 2 When available, use a handsfree device.** If possible, add an additional layer of convenience to your wireless

phone with one of the many Motorola Original™ handsfree accessories available today.



- 3 **Position your wireless phone within easy reach.** Be able to access your wireless phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- 4 **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- 5 **If you receive an incoming call at an inconvenient time do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- 6 **Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.** Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- 7 **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations which have the potential to divert your attention away from the road.
- 8 **Use your wireless phone to call for help.** Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.\*





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

\* Wherever wireless phone service is available.

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



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For more information,  
please call  
1-888-901-SAFE  
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CTIA Web site at  
[www.wow-com.com](http://www.wow-com.com)<sup>TM</sup>



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