

APPLICANT: MOTOROLA, INC.

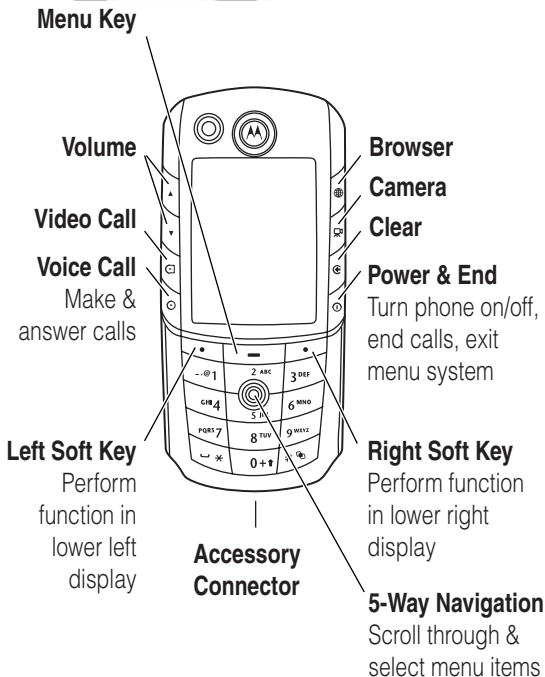
FCC ID: IHDT6EK2

INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola E1000 3G wireless phone.



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

www.motorola.com (United States)

1-800-331-6456 (United States)

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

1-800-461-4575 (Canada)

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office.

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

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

All other product or service names are the property of their respective owners.

© Motorola, Inc., 2004.

Software Copyright Notice

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

Manual Number: 68XXXXXX53-O

Contents

Safety and General Information	6
European Union Directives Conformance Statement ..	12
Getting Started	13
About This Guide	13
Installing the UICC or SIM Card	14
Battery Tips	15
Installing the Battery	16
Charging the Battery	17
Turning Your Phone On	18
Adjusting Volume	18
Making a Call	19
Answering a Call	19
Changing the Call Alert	20
Viewing Your Phone Number	20
Highlight Features	21
Taking and Sending a Photo	21
Using Photos and Pictures	23
Recording Video Clips	25
Using Video Clips	27
Making Video Calls	29
Micro-Browser	29
Connecting Your Phone to Another Device	32
Learning to Use Your Phone	39
Using the Display	39
Using the 5-Way Navigation Key	43
Using Menus	44
Entering Text	47

Using Special Keys	59
Using the Handsfree Speaker	60
Changing a Code, PIN, or Password	60
Locking and Unlocking Your Phone	61
Locking and Unlocking the Keypad	62
If You Forget a Code, PIN, or Password	63
Setting Up Your Phone	64
Storing Your Name and Phone Number	64
Setting the Time and Date	64
Setting a Ring Style	64
Setting a Wallpaper Image	65
Setting a Screen Saver Image	66
Setting Display Brightness	67
Setting Display Color	67
Adjusting the Backlight	67
Setting Display Timeout	68
Using AGPS Location Information	68
Calling Features	70
Changing the Active Line	70
Redialing a Number	70
Using Automatic Redial	71
Using Caller ID	71
Canceling an Incoming Call	72
Turning Off a Call Alert	73
Calling an Emergency Number	73
Dialing International Numbers	75
Viewing Recent Calls	75
Returning an Unanswered Call	77
Using the Notepad	77
Attaching a Number	78
Calling with Speed Dial	78

Calling With 1-Touch Dial	79
Using Voicemail	79
Using Call Waiting.	81
Putting a Call On Hold	81
Transferring a Call.	81
Phone Features	83
Menu Map.	83
Feature Quick Reference	85
Specific Absorption Rate Data	107
Index	115

Safety and General Information

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

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

Exposure To Radio Frequency (RF) Energy

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

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

Operational Precautions

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

External Antenna Care

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

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

Phone Operation

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

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, 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 antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

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

Facilities

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

Aircraft

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

Medical Devices

Pacemakers

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

Persons with pacemakers should:

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

Hearing Aids

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

Other Medical Devices

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

Use While Driving

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

When using your phone while driving, please:

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

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

Operational Warnings

For Vehicles With an Air Bag

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

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. 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.

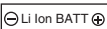
Blasting Caps and Areas

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.

European Union Directives Conformance Statement



Hereby, Motorola declares that this product is in compliance with

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives

IMEI: 350034/40/394721/9

CE0168

Type: MC2-41H14

Product
Approval
Number

The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at www.motorola.com/rtte. To find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the web site.

Getting Started



About This Guide

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

To obtain another copy of this guide, see the Motorola Web site at:

<http://motorola.com/consumer/manuals> (U.S.A.)

<http://motorola.ca/consumer> (Canada)

or contact the Motorola Customer Call Center at 1-800-331-6456 (U.S.A.) or 1-800-461-4575 (Canada).

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



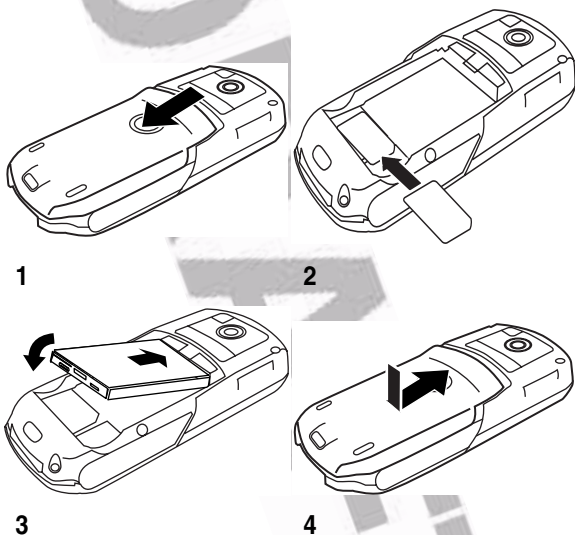
This label identifies a feature that requires an optional Motorola Original™ accessory.

Installing the UICC or SIM Card



Your 3G UICC (Universal IC Card) contains your phone number, service details, and phonebook/message memory. Your phone can use GSM SIM (Subscriber Identity Module) cards, but not all features will be available.

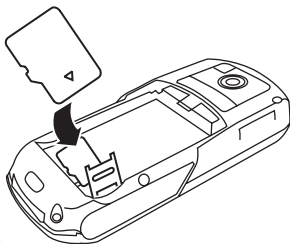
Caution: Do not bend or scratch your card. Avoid exposing your card to static electricity, water, or dirt.





Note: You can install a memory card in your phone to store

more multimedia files such as audio clips, pictures, and video clips. To install a memory card, remove your phone's battery door and battery and insert the card as shown.



Battery Tips

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

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



in your battery life, it is probably time to purchase a new battery.



Contact your local recycling center for proper battery disposal.



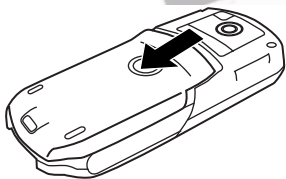
Warning: Never dispose of batteries in a fire because they may explode.

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

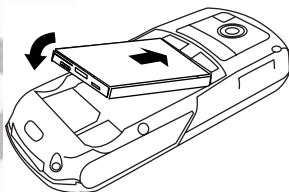
Installing the Battery



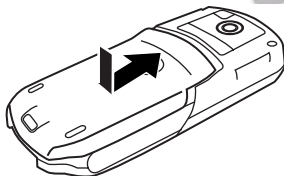
™ Your phone is designed to use only Motorola Original batteries and accessories.



1



2



3

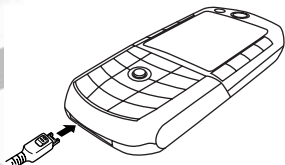
Charging the Battery

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.



- 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 your phone after charging is complete. This will not damage the battery.

Turning Your Phone On



Action

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



Power
Key

- 2 If necessary, press  to scroll to the User Account you want. Then press the **SELECT** key to select the account from the list (stored on the SIM card).
- 3 If necessary, enter your SIM card PIN code and press the **OK** key to unlock the SIM card.

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

- 4 If necessary, enter your four-digit unlock code and press **OK** key to unlock the phone.

Tip: The unlock code is originally set to 1234. Your service provider may change this number before you receive your phone.

Adjusting Volume

Press the up or down volume keys to:

- increase or decrease earpiece volume during a call

Volume
Keys





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

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

Making a Call

To make video calls, see page 29.

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

Note: You can make an emergency call even when the phone is locked, or when a SIM card is not inserted (see page 73).

Answering a Call

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



Press	To
1	answer the call
or DIVERT or	divert the call to your voicemail or call forward number, as though your line was busy
2	end the call and “hang up” the phone when you are finished

Changing the Call Alert

In the home screen, press the down volume key to switch the alert for incoming calls and other events to vibrate alert, then silent alert. Press the up volume key to reset ring alert.

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

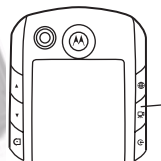
Highlight Features

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



Taking and Sending a Photo

To activate your phone's camera, press the camera key on the right side of your phone.

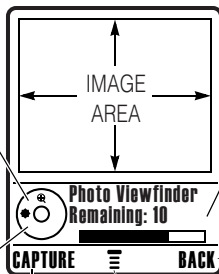


Camera Key

The active viewfinder image displays.

Press 
up or down to
zoom in or
out.

Press 
left or right to
switch
cameras.



Remaining
pictures you
can take at
this resolution

Return to
previous
screen.

Press  to open
Pictures Menu.

Take a photo.

Point the camera lens at the photo subject, then:



Press	To
1 CAPTURE key	take a photo Tip: Press  to turn the light on or off
2 OPTIONS key	view storage options If you choose to store the photo, continue to step 3.
or	
DISCARD key	delete the photo and return to active viewfinder
3  up or down	scroll to an option
4 SELECT key	select the option

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

Option	Description
Go To Pictures	View pictures and photos stored on your phone.
Internal / External View	Switch between the internal (self-portrait) and external cameras.
Auto-Timed Capture	Set a timer for the camera to take a photo.
Light	Turn the camera light on or off.
Adjust Brightness	Change the image brightness.



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

Tip: To assign a stored picture to a phonebook entry, open the entry and press  > **Edit** > **Picture**. You cannot assign pictures to entries stored on your SIM card.

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.

Downloading Pictures



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

If you are unable to establish a network connection with the micro-browser, contact your service provider.

Note: The files that you download or receive as attachments might have a copyright lock that keeps you from saving them on external memory, forwarding them, or editing them.

To download a picture with the micro-browser, see page 29. To store a picture from a message, see page 87.

Viewing and Managing Pictures

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



Find the Feature



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

Press

To

1 up or down

scroll to the picture

2 **VIEW** key

view the picture

3

view the next/previous picture

or



open the **Pictures Menu** to perform other options

Tip: You can change the way your picture list displays using the **Setup** option in the **Pictures Menu**.

Press to open the **Pictures Menu** from the picture list. The menu can include the following options:

Option	Description
Send in Message	Insert selected picture in a new message.
Send as TIM Click	Send the picture to the nearest TIM location for printing. You receive a text message when the picture is ready.
Apply as	Set the picture as your phone's Wallpaper or Screen Saver image.





Option	Description
New	Capture a new picture or create an album of stored pictures.
Details	View picture information.
Rename	Rename the picture.
Delete	Delete the selected picture or marked picture(s).
Move	Move selected picture or marked picture(s) to another device.
Copy	Copy selected picture or marked picture(s) to another device.
Mark	Mark the picture to move, copy, send or delete it.
Mark All	Mark all pictures to move, copy, send, or delete them.
Categories	Create a new category, or view pictures in a selected category.
Assign to Category	Assign the picture to a defined category.
Pictures Setup	Open the setup menu to adjust picture and video settings.
View Free Space	View memory space available for storing pictures.

Recording Video Clips

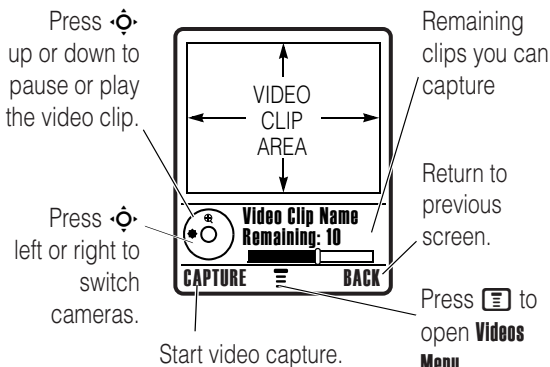
To record a video on your phone:

Find the Feature



> Multimedia > Record Video

The active viewfinder image displays.



Point the camera lens at the video subject, then:

Press	To
1 CAPTURE key	start the video
Tip: You can press the PAUSE key to pause video capture.	
2 STOP key	stop the video
3 OPTIONS key	view storage options
	If you choose to store the video, continue to step 4.
or	
DISCARD key	delete the video and return to active viewfinder



Press	To
4  up or down	scroll to an option
5 SELECT key	select the option

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

Option	Description
Go To Videos	View videos stored on your phone.
Internal / External View	Switch between the internal (self-portrait) and external cameras.
Video Setup	Open the setup menu to adjust picture and video settings.
View Free Space	See how much memory remains for storing videos.

Using Video Clips

You can download video clips with the micro-browser, and receive video clips in multimedia messages.

Downloading Video Clips

To download a video clip with the micro-browser, see page 29. To store a video clip from a message, see page 87.

Viewing and Managing Video Clips

To play a video clip stored on your phone:



Press	To
1 up or down	scroll to the video clip
2 PLAY key	start video clip playback

During video clip playback, press to open the **Videos Menu** to perform various operation on the video:

Option	Description
Play Full Screen	Stretch the video to fill the display.
Send in Message	Insert selected video in a new message.
Zoom	Zoom in or out on the video.
New	Capture a new video.
Details	View video information.
Delete	Delete the selected video.
Move	Move selected video or marked video(s) to another device.
Copy	Copy selected video or marked video(s) to another device.
Mark	Mark the video to move, copy, send or delete it.
Mark All	Mark all video to move, copy, send, or delete them.
Categories	Create a new category, or view videos in a selected category.



Option	Description
Assign to Category	Assign the video to a defined category.
Video Setup	Open the setup menu to adjust video settings.
View Free Space	View memory space available for storing videos.

Making Video Calls

If you call someone else who has a video phone, you can see each other while you talk.

Press	To
1 keypad keys	dial the phone number
2 	display the video call preview
3 	make the call
4 	end the call and “hang up” the phone when you are finished

Micro-Browser



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

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 a micro-



browser session. If you see an **(i)** (in-call) indicator during a micro-browser 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.

Note: Some features on your phone might open a browser session automatically.

Starting a Micro-Browser Session

Press	To
1	start the micro-browser
2 up or down	scroll to a bookmark, service, or application
3 SELECT key	select the item

Shortcut: If you open a text message with a Web address (URL) embedded in it, you can press > **Go To** to launch the micro-browser and go directly to the URL.

If you are unable to establish a network connection with the micro-browser, contact your service provider.

Interacting With Web Pages

Press	To
up or down	scroll through text, or highlight a selectable item
SELECT key	select the highlighted item



Press	To
keypad keys, followed by the OK key	enter information Tip: If you make a mistake, press C to delete the last letter, or press and hold C to clear all letters.
BACK key	go back to the previous page
	open the Browser Menu

Downloading Objects From a Web Page

You can download a picture, sound, or other object from a Web page by selecting its link. You can store these media objects and use them as wallpaper images, screen saver images, and event alerts.

- The files that you download or receive as attachments might have a copyright lock that keeps you from saving them on external memory, forwarding them, or editing them.
- If you receive a call during the download, press the **SWAP** key to answer the call without ending the download.
- To end a download in progress, press **C**.

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**

Contact your service provider to obtain Web session settings, if necessary.



Running the Micro-Browser in the Background

Some phones are set up to run a micro-browser session in the background when the phone registers with a network. This lets your phone display information services messages sent by your service provider (such as stock updates, news headlines, or sports scores). These types of services typically are available through subscription from your service provider.

Setting Up Browser Messages

Find the Feature



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



> **Brwsr Msg Setup** > **Service**

Option	Description
Off	Stop all browser messages.
Receive All	Allow all browser messages.
Restricted	Allow only browser messages from your service center number.

Connecting Your Phone to Another Device

You can connect your phone to a computer or hand-held device using a:

- Bluetooth® wireless link (see page 33)



- USB cable

Note: Not all devices are compatible with all types of connections. Check your external device for specifications. 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.



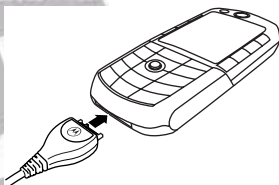
Setting Up a Cable Connection

Attach a Motorola Original™ USB cable to the phone and external device as follows.

Note: Check your computer or hand-held device to determine the type of cable you need.

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.

Setting Up a Bluetooth® Wireless Connection

Your phone supports Bluetooth wireless connections. You can set up a wireless link with a compatible headset



accessory, speakerphone, or handsfree car kit, or connect to a computer or hand-held device to exchange and synchronize data.

Your phone supports the following Bluetooth device profiles:

- headset
- handsfree
- dial-up networking
- object exchange
- file transfer

Before connecting your phone to another Bluetooth device, set up the other device as described in its user guide.

For a PC, set up the Bluetooth accessory card, card drivers, and application software. If you want to use Dial-up Networking Services, configure them for the Bluetooth modem as described in the software and modem user guides.

Your phone must be within 33 feet (10 meters) of the other device.

Searching For Handsfree Devices

To connect your phone to a headset or handsfree accessory:

Find the Feature



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



Your phone presents a list of handsfree device(s) located within range of the phone. If your phone is already connected to a device, your phone lists the connected device and identifies it with a ✓ (in use) indicator.

To connect to a device, highlight the device name and press the **SELECT** key. To disconnect a device, highlight the device name and press the **DROP** key.

The device may request permission to bond with your phone. Select the **YES** key and enter the correct PIN code to create a secure connection with the device. When the connection is made, the  (Bluetooth) indicator or a **Bluetooth Connected** message displays in the home screen.

Connecting to Recognized Handsfree Devices

Your phone stores the names of previously connected devices, and lists the recognized devices located within range of the phone when you open the **Handsfree** menu. If your phone is already connected to a device, your phone lists the connected device and identifies it with a ✓ (in use) indicator.

To connect to a recognized handsfree device:

Find the Feature



> **Settings > Connection**
> **Bluetooth Link > Handsfree**
> *device name*

For a Motorola headset or other audio device, your phone automatically attempts to connect to the device.

To disconnect a device, highlight the device name and press the **DROP** key.



Switching To a Headset Or Car Kit During a Call

You can switch to a headset or car kit audio device during a call, either from the audio device or from your phone.

Switching From the Audio Device

To connect to your phone from a headset or car kit audio device, press the device's Bluetooth® button to route all audio to the device.

Switching From Your Phone

To connect your phone to a recognized headset or car kit audio device, press  > **Use Bluetooth** during a call to route all audio to the device. Your phone attempts to reconnect to the most recently used audio device.

To switch back to the phone, press  > **Use Handset** during a call to route all audio back to the phone.

Making Your Phone Visible to Other Devices

To allow a new Bluetooth® device to discover and connect to your phone:

Find the Feature



> **Settings > Connection**
> **Bluetooth Link > Setup**
> **Find Me**

The  (Bluetooth) indicator or Bluetooth message flashes, and the phone goes into discoverable mode until a connection is made, or until 60 seconds elapse.

The device may request permission to bond with your phone. Select the **YES** key and enter the correct PIN code to create a secure connection with the device.

Sending Objects to Another Device

You can use a Bluetooth® wireless connection to copy a picture, sound, phonebook entry, datebook event, or bookmark from your phone to another phone, computer, or hand-held device.



Highlight the item on your phone that you want to copy to the other device, then press  > **Send** > **Bluetooth**.

Select a recognized device name listed in the **Object Exchange** menu, or **[Look For Devices]** to search for the device to which you want to copy the item.

Editing Device Properties

To edit the properties of a recognized device, highlight the device name and press  > **Edit**. You can edit the following options:

Option	Description
Name	The name of the device as it displays in the device list.
Access	Determines how a device connects to the phone: Automatic: Device is automatically connected to the phone without user interaction. Ask: Device must request permission to connect.

Setting Your Phone's Bluetooth Options

Find the Feature



> **Settings** > **Connection**
> **Bluetooth Link** > **Setup**



You can set the following options. Some options may not be available for all phone models.

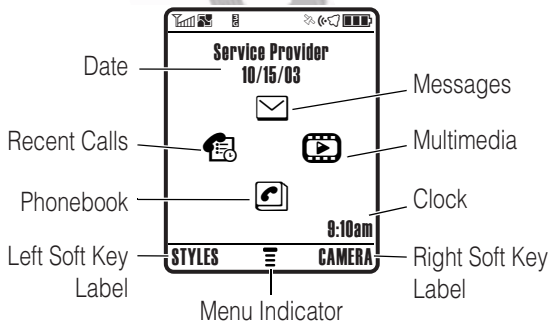
Option	Description
Power	Set to On to enable Bluetooth functionality on your phone. Set Off to disable Bluetooth when you want privacy or when Bluetooth use is prohibited.
Name	Your phone's device name that is sent to other Bluetooth devices.
Voice Dial	Set to On to transfer voice key functionality to the Bluetooth button on a headset accessory when connected. Note: This feature may not work with all headset accessories.

Learning to Use Your Phone

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 select one of the menu feature icons. If you select a menu icon by mistake, press  to return to the home screen.

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

the wallpaper image. You can still select the menu icons when they are hidden from view.

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

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

The following status indicators can display:

1. Signal Strength
2. GPRS
3. Data
4. Roam
5. Active Line
6. IM
7. Message
8. Location
9. Ring Style
10. Battery



1. 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.

2. GPRS Indicator



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

 = GPRS PDP context activate  = GPRS attach

 = GPRS packet data available

3. 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 Circuit Switch Data (CSD) call

 = unsecure CSD call

4. Roam Indicator



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

 = 3G home

 = 3G roam

 = 2.5G home

 = 2.5G roam

 = 2G home

 = 2G roam



5. Active Line Indicator



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

= line 1 active

= line 2 active

= line 1 active, call forward on

= line 2 active, call forward on

6. Instant Messaging Indicator



Shows when Instant Messaging (IM) is active. Indicators can include:

= IM active

= available for IM

= busy

= invisible to IM

= available for phone calls

= offline

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

7. Message Indicator



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

= text message

= voicemail message

= voice and text message

= answering machine

= IM message

8. Location Indicator



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

 = location on

 = location off

9. Ring Style Indicator

Shows the ring style setting.

 = loud ring

 = soft ring

 = vibrate and ring

 = vibrate then ring

 = vibrate

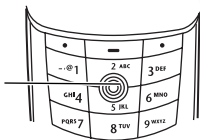
 = silent

10. Battery Level Indicator

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

Using the 5-Way Navigation Key

5-Way
Key



Use the 5-way navigation key () to scroll up, down, left, or right in the menu system. Press the center of the key () to select a highlighted menu item.



Using Menus

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

Menu Key

Enter menu system, or open sub-menu.

Left Soft Key

Perform left function.

5-Way Navigation Key

Scroll **up**, **down**, **left**, or **right**.

Press center select button to perform right soft key function.

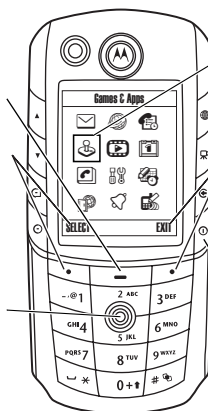
Highlighted Menu Feature Icon

Right Soft Key

Perform right function.

End Key

Exit menu without making changes.



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

Icon	Feature	Icon	Feature
	Messages		Browser
	Recent Calls		Games & Apps
	Multimedia		Datebook

Icon	Feature	Icon	Feature
	Phonebook		Settings
	Tools		Web Access
	Ring Styles		Personalize
	IM		Chat

Selecting a Menu Feature

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

Find the Feature



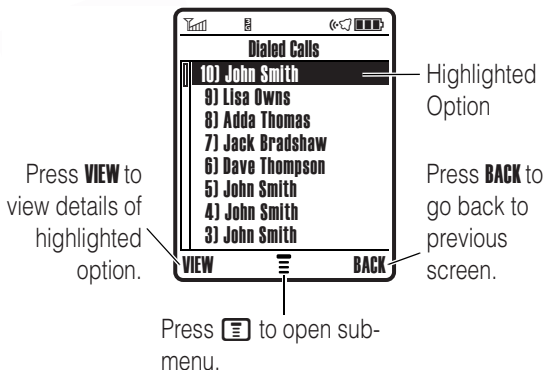
> Recent Calls > Dialed Calls

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 to and select items. Press the left/right soft keys to select the functions listed in the bottom left and right corners of the display.



Selecting a Feature Option

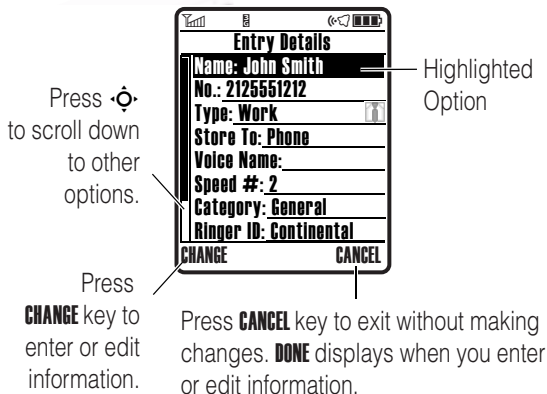
Some features require you to select an option from a list:



- Press $\odot$ 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 $\odot$ left or right to scroll through and select a value.
- When an option has a list of possible numeric values, press a number key to set the value.

Entering Text

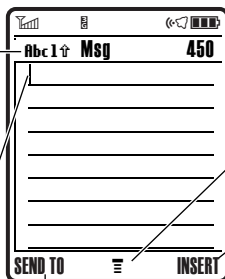
Some features require you to enter information.



The message center lets you compose and send text messages.

For indicator descriptions, see following section.

Flashing cursor indicates insertion point.



Press  to open sub-menu.

Press **INSERT** to insert a quick note, picture, or sound.

Press **SEND TO** to enter the recipient.

Choosing a Text Entry Mode

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

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

Primary

The primary text entry mode (see the following section).

Numeric

Enter numbers only (see page 55).

Symbol	Enter symbols only (see page 56).
Secondary	The secondary text entry mode (see below to set).

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

Setting Up a Text Entry Mode

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

ITAP	Let the phone predict each word as you press keys (see page 53).
Tap	Enter letters and numbers by pressing a key one or more times.
Tap Extended	Enter letters, numbers, and symbols by pressing a key one or more times.
None	Hide the Secondary setting (only available for Secondary Setup).

Using Capitalization

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

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



Text Entry Mode Indicators

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

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

Two other indicators identify **Numeric** (**123**) or **Symbol** (**@%**) entry modes.

Using Tap Mode

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

Regular **Tap** mode cycles through the letters and number of the key you press. **Tap Extended** also cycles through additional symbols as shown in the chart on page 52.



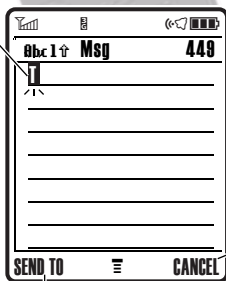
Press	To
1 A keypad key one or more times	select a letter, number, or symbol
2 keypad keys	enter remaining characters
	Tip: Press  right to accept a word completion, or  to insert a space.
3 OK key	store the text

In a text entry screen, you can press  to switch entry modes. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 49.

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

Block cursor
indicates
highlighted
character.

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



Press **SEND TO** to enter the recipient.

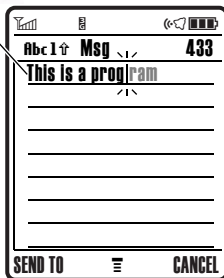
Press  to delete character to left of insertion point.

Press **CANCEL** to exit without storing changes.



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:

Flashing cursor indicates insertion point.



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 **Tap Extended**.

1	. ? ! , @ ' - _ : ; () & " ~ 1 0 ¿ ¡ % £ \$ ¥ ¢ € + x * / \ [] = > < # §
2	a b c 2 á à â ã ç æ
3	d e f 3 é è ê ë
4	g h i 4 í î ï
5	j k l 5
6	m n o 6 ñ ó ò ô õ ö ø
7	p q r s 7

	t u v 8 ú û û ü
	w x y z 9
	change text case, for capital letters
	enter a space (hold to enter a return)
	change text entry mode (hold for default)

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

Tap Text Entry Rules

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

Using iTAP™ Mode

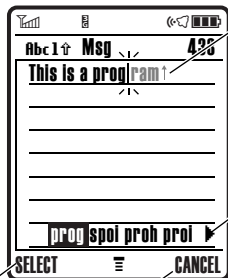
iTAP™ software provides a predictive text entry mode that lets you enter a word using one keypress per letter. This can be faster than **Tap**, because your phone combines the keypresses into common words.



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

Press **⌫** to delete character to left of insertion point.

Press **SELECT** to lock highlighted combination.



Press **CANCEL** to exit without storing changes.

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 modes. An indicator shows which mode is active (see page 50). If **ITAP** mode is not available as the **Primary** or **Secondary** entry mode, see page 49.

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

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

Using Numeric Mode

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

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



Using Symbol Mode

In a text entry screen, press **[#]** to switch entry modes until the **@%** (**Symbol**) indicator displays.

Press	To
1 keypad keys (one press per symbol)	show possible symbols at the bottom of the display
2 ◂◃ left or right	highlight the symbol you want
3 SELECT key	enter the highlighted symbol

Symbol Chart

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

[1]	. ? ! , @ ' - _ : ; () & " ~ 1 0 ¸ ¡ % £ \$ ¥ ¢ € + x * / \ [] = > < # §
[2]	@ _ \ α β
[3]	/ : ; δ Δ ε φ Φ
[4]	" & ' γ Γ η ι
[5]	() [] { } κ λ Λ
[6]	¸ ¡ ~ μ ν ω Ω
[7]	< > = π Π ρ σ Σ
[8]	\$ £ ¥ ¢ € θ Θ τ υ
[9]	# % * ζ ξ Ξ χ ψ Ψ
[0]	+ - x * / = > < # §

	enter a space (hold to enter a return)
	change text entry method (hold for default)

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

Deleting Letters and Words

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

Action

Press  to delete the last letter.

Press and hold  to clear the entire message.

Copying, Cutting, and Pasting Text

Press  from a text entry screen to display these options:

Option	Description
Copy Text	Copy the text you are about to highlight (see “Highlighting Text” below).
Copy All Text	Copy all text in the editor.
Cut Text	Cut the text you are about to highlight (see “Highlighting Text” in the following section)
Cut All Text	Cut all text in the editor.



Option	Description
Paste	Paste the text you cut or copied.
Undo	Undo the last copy, cut, or paste in the current text editor.

Note: **Copy All Text** also displays in the menu (press ) when you are viewing details for a **Phonebook** entry, **Datebook** event, **Browser** page, text message, or **Recent Calls** entry.

Highlighting Text

In a text editor, to highlight and copy or cut text:

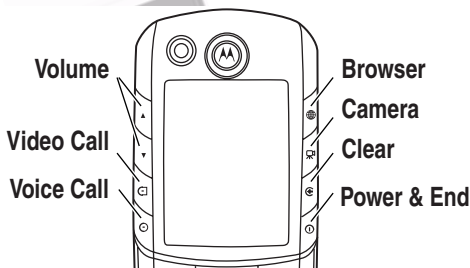
Find the Feature  > **Copy Text** or **Cut Text**

Press	To
1 	scroll to the beginning of the text you want to copy or cut
2 START key	turn on the highlighting marker
3 	scroll to the end of the text you want to copy or cut
4 COPY key or CUT key	copy or cut the text you selected You can now paste the text in another location or file.

Text remains on your clipboard, available to paste, until you copy or cut other text or until you turn off your phone.

Using Special Keys

Your phone has special keys that give you quick access to common tasks.



- **Volume Keys:** Adjust earpiece volume during a call, or ringer volume from the home screen (see page 18).
- **Video Call Key:** Make a video call to a number you entered (see page 29).
- **Voice Call Key:** Make a voice call to a number you entered (see page 19).
- **Browser Key:** Launch the micro-browser (see page 29).
- **Camera Key:** Display the camera viewfinder (see page 21).
- **Clear Key:** Delete one character or move back one screen in the browser.
- **Power & End Key:** Turn phone on and off, end calls or exit the menu system (see page 18).



Using the Handsfree Speaker

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

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

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

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

Changing a Code, PIN, or Password

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

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



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

To change a code or password:

Find the Feature



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

Locking and Unlocking Your Phone

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

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

You can make emergency calls on your phone even when it is locked (see page 73).

Locking Your Phone Manually

Find the Feature



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

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



Unlocking Your Phone

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

At the **Enter Unlock Code** prompt:

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



Setting Your Phone to Lock Automatically

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

Find the Feature



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

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

Locking and Unlocking the Keypad

Press to lock or unlock the keypad. This feature prevents an accidental keypress from inadvertently dialing an emergency number or one-touch dial number (for example, when carrying your phone in a purse or pocket).

Note: You can still answer calls when the keypad is locked.

If You Forget a Code, PIN, or Password

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

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

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

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



Setting Up Your Phone

Storing Your Name and Phone Number



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

Find the Feature



> **Settings > Phone Status**
> **My Tel. Numbers**

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

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

Setting the Time and Date

Your phone uses the time and date for the **Datebook**.

Find the Feature



> **Settings > Initial Setup**
> **Time and Date**

Setting a Ring Style

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

You can select one of five different ring styles. The ring style indicator in the display shows the current ring style (see page 43).

To set a ring style:

Find the Feature



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

Press	To
1  up or down	scroll to the ring style
2 SELECT key	select the ring style

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

- If you select the **Silent** ring style, your phone will not use **Auto Answer** (see page 98).
- Java™ applications can make your phone vibrate or light up. You can turn off **App Vibration** and **App Backlight** under  > **Settings** > **Java Settings**.
- To turn off alerts for messages that arrive during a call, select  > **Settings** > **In-Call Setup** > **Msg Alert** > **Not in Call**.



Setting a Wallpaper Image

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

Note: When you set an animation as a wallpaper image, only the first frame of the animation displays.

Find the Feature



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

Setting	Description
Picture	Select the picture or animation for the background image in your home screen.
Layout	Select Center , Tile , or Fit-to-screen .

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 phone is on and no activity is detected for a specified time period.

The image shrinks to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation displays.

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

Find the Feature



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



Setting	Description
Picture	Select the picture or animation for your screen saver.
Delay	Select how long your phone must be inactive before the screen saver picture displays. Note: If this setting is longer than your Display Timeout setting, then your display will turn off before you see the screen saver.

Setting Display Brightness

Find the Feature



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

Setting Display Color

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

Find the Feature



> **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.

Caution: The **Continuous** setting can decrease battery life.





Setting Display Timeout

You can set the display to turn itself off when no activity is detected for a specified time period.



Using AGPS Location Information



Your phone can use Assisted Global Positioning Service (AGPS) to tell the network where you are physically located.

Limitations of AGPS

Sometimes adequate signals from multiple satellites are unavailable, usually because your AGPS phone's antenna cannot establish a view of a wide area of open sky. In these cases, the AGPS feature *will not work*. Such situations include, but are not limited to, the following:

- in underground locations
- inside of buildings, trains, or other covered vehicles
- under any other metal or concrete roof or structure
- between tall buildings or under dense tree cover
- near a powerful radio or television tower

- when your AGPS antenna is covered (for example, by your hand or other object) or facing the ground
- when there are temperature extremes outside the operating limits of the phone

Even where location information can be calculated in such situations, it may take more time than usual, and your location estimate may not be as accurate.

Even where adequate signals from multiple satellites are available, your AGPS feature will provide only an approximate location, often within 150 feet (45 meters) but sometimes much farther from your actual location.

The satellites used by your phone's AGPS feature are controlled by the U.S. government and are subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes may affect the performance of your phone's AGPS feature.

Hiding or Showing Location Information



When **AGPS Service** is turned **On**, services may use your known location to provide useful information (for example, driving directions, or the location of the nearest bank). Contact your service provider for details.

When **AGPS Service** is turned **Off**, it does not send location information.

Find the Feature



> **Settings > Phone Status**
> **AGPS Service > On or Off**



Calling Features

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

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 currently active phone line (see page 42).

Redialing a Number

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



Using Automatic Redial



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

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

To turn automatic redial on or off

Find the Feature



> **Settings > Initial Setup**

> **Auto Redial**

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

Press	To
or RETRY key	activate automatic redial

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

Using Caller ID

Incoming Calls



Calling line identification (Caller ID) displays the phone number for incoming calls.



The phone displays the caller's name (and picture, if available) if 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 92.

Outgoing Calls



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

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

Canceling an Incoming Call

While the phone is ringing or vibrating:

Press	To
 or DIVERT key	divert the call to your voicemail or call forward number, as though your line was busy



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

Turning Off a Call Alert

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

Press	To
either volume key	turn off the alert

Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted. Your service provider can program additional emergency numbers into your SIM card. *However, your SIM card must be inserted in your phone in order to use the numbers stored on it.* See your service provider for additional information on this issue.

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



Using AGPS During an Emergency Call



When you make an emergency call, your phone's assisted-Global Positioning System (AGPS) feature can calculate your approximate location and help emergency service personnel find you.

- This feature can work only if the emergency response center can receive and process location information. If you are concerned about whether your local emergency response center can receive AGPS location information, contact your local authorities.
- For the AGPS feature to work when making emergency calls, the service must be turned on (see page 69).

For best results, you should be located where your phone's antenna can establish a clear view of the open sky. This allows your phone to access AGPS satellite signals. Even under good conditions, it may take 30 seconds or more to determine your approximate location. This time increases and the accuracy of the results decreases with reduced access to satellite signals.

If your phone does not have adequate access to AGPS satellite signals, the location of the nearest cell tower in contact with your phone is automatically provided to the emergency response center.

Because of the limitations of the AGPS feature, always provide your best knowledge of your location to the emergency response center, just as you would when using a phone without AGPS capabilities. Also, remain on the



phone for as long as the emergency response center instructs you.

Dialing International Numbers

Press and hold **[0]** 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 [Up/Down] up or down	scroll to Received Calls or Dialed Calls
2 SELECT key	select the list
3 [Up/Down] up or down	scroll to an entry
Note: ✓ means the call connected.	





Press	To
4	call the entry's number
	Tip: Press and hold for two seconds to send the number as DTMF tones during a call.
or	
	make a video call to the entry's number
or	
View / Store key	if View displays above the left soft key, this displays entry details
	if Store displays above the left soft key, this stores the entry in the phonebook
or	
	open the Last Calls Menu to perform various operations on the entry

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

Option	Description
Store	Create a phonebook entry with the number in the No. field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.

Option	Description
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the To field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones. This option displays only during a call.

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls, and displays **X Missed Calls**, where **X** is the number of missed calls.

Press	To
1 VIEW key	see the received calls list
2  up or down	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:

**Press****To**

call the number

or

open the **Dialing Menu** to attach a number or insert a special character

or

STORE keycreate a phonebook entry with the number in the **No.** field

Attaching a Number

While dialing (with digits visible in the display):

Press> **Attach Number****To**

attach a number from the phonebook or recent calls lists

Calling with Speed Dial

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

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

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 2 through 9, press and hold the single-digit speed dial number for one second.

Press and hold  to dial your voicemail number. To store your voicemail number, see page 80.

Using Voicemail



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

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

Listening to Voicemail Messages

Find the Feature



> Messages > VoiceMail

Shortcut: Press and hold  in the home screen.

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  (voicemail message indicator) and **New VoiceMail**.

Press	To
CALL key	listen to the message

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

Storing Your Voicemail Number

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

- Find the Feature
-  > **Messages**
 -  > **VoiceMail Setup**

Press	To
1 keypad keys	enter your voicemail number
2 OK key	store the number

You cannot store a **p** (pause), **w** (wait), or **n** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail. To store these characters in a number, see page 91.



Using Call Waiting



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

Press	To
1	answer the new call
2 SWITCH key	switch between calls
or	
LINK key	connect the 2 calls
or	
> End Call On Hold	end the call on hold

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

Find the Feature



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

Putting a Call On Hold

Press	To
> Hold	put the call on hold

Transferring a Call



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



Announce the Call Transfer

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 up or down	scroll to Transfer
5 SELECT key	select Transfer
6 OK key	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



Phone Features

Menu Map

Main Menu



Messages

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



Browser



Recent Calls

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



Games & Apps



Multimedia

- Camera
- Record Video
- Pictures
- Videos
- Sounds
- Themes



Datebook



Phonebook



Settings

- (see next page)



IM



Tools

- Shortcuts
- Calculator
- Alarm Clock
- Dialing Services
- Fast Menu *
- SIM Apps *



Web Access

- Browser
- Bookmarks
- Enter URL
- Browser Settings
- History
- Web Sessions
- Stored Pages



Personalize

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



Ring Styles

- Style
- style Detail
- My Tones

Menu organization and features may vary on your phone.

* Indicates network or subscription-dependant features



Settings Menu



Connection

- Bluetooth Link
- Sync



Call Forward

- Voice Calls
- Video Calls
- Cancel All
- Forward Status



In-Call Setup

- In-Call Timer
- Call Cost Setup *
- My Caller ID
- Answer Options
- Call Waiting
- Msg Alert



Initial Setup

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



Phone Status

- My Tel. Numbers
- Credit Info/Available *
- Active Line *
- Battery Meter
- Storage Devices
- AGPS Service
- Other Information



Headset

- Auto Answer
- Ringer Options
- Voice Dial



Car Settings

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



Network

- New Network
- Network Setup
- Available Networks
- Service Tone
- Call Drop Tone



Security

- Phone Lock
- Lock Keypad
- Lock Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords



Java Settings

- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Priority
- App Backlight
- Set Standby App

* Indicates network or subscription-dependant features

Feature Quick Reference

Calling Features

Feature	Description
Conference Call	During a call:  > Hold , dial next number, press  , press the LINK key 
Call Forwarding	Set up or cancel call forwarding:  > Settings > Call Forward 
Call Barring	Restrict outgoing or incoming calls:  > Settings > Security > Call Barring 
TTY Calls	Set up your phone for use with an optional TTY device:  > Settings > Initial Setup > TTY Setup 



Messages

Feature	Description
Send Text Message	Send a text message:  > Messages > Create Message > New Text Message 
Send Quick Note Text Message	Send a quick note:  > Messages > Quick Notes Scroll to a note and press the SEND key. 
Send Multimedia Message (MMS)	Send a multimedia message:  > Messages > Create Message > New Multimedia Message 
Use MMS Template	Open an MMS template with preloaded media:  > Messages > Create Message > MMS Templates Tip: To download templates or other objects from a Web page, see page 104. 
Insert Pictures and Other Objects	While editing a message:  > Insert Note: Some files might have a copyright lock that keeps you from forwarding them. 



Feature	Description
View Sent Messages	 > Messages > Outbox 
Read Message	Read a new text or multimedia message that you have received: Press the READ key. 
Reply to Message	While reading a message:  > Reply Tip: To change the message type for your replies to MMS messages:  > Messages > Message Setup > MMS Msg Setup > Reply Type 
Store Message Objects	Go to a multimedia message slide, or highlight an object in a message, then:  > Store 
Set Up Text Message Inbox	Set up or edit the text message inbox settings:  > Messages > Message Setup > Text Msg Setup 



Instant Messaging (IM)

Feature	Description
Log In	Log in to instant messaging:  > IM > Log In 
Find Others Online	After you log in: Select Contact List to see a list of other users. 
Start Conversation	Start a conversation: From your Contact List, highlight a name in Online Contacts, press the SEND IM key. 
Open Active Conversation	Open a conversation in progress: From your Contact List, highlight a name in Conversations, press the VIEW key. 
End Conversation	From the conversation display:  > End Conversation 
Log Out	Log out of instant messaging: Select Log Out from the IM Online menu. 



Email

Feature	Description
Send Email Message	Send an email message:  > Messages > Create Message > New Email 
Insert Quick Notes, Pictures, and Other Objects	While editing a message:  > Insert Note: Some files might have a copyright lock that keeps you from forwarding them. 
View Sent Messages	 > Messages > Outbox 
Reply to Message	While reading a message:  > Reply 
Store Message Objects	While reading a message, highlight an object then:  > Store 
Receive New Email Messages	When you receive a message that emails are waiting: Press the PICKUP key. 



Feature	Description
Read Email Message	Read a new email message that you have received: Press the READ key. 
Set Up Email Inbox	Set up or edit the email inbox settings:  > Messages  > Email Msg Setup 

Phonebook

Feature	Description
Create Entry	Create a new phonebook entry:  > Phonebook  > New > Phone Number or Email Address
Dial Entry	Call a number stored in the phonebook:  > Phonebook, highlight the phonebook entry, press  to call
Voice Dial Entry	Voice dial a number stored in the phonebook: Press and hold , then say the entry's name when prompted.



Feature	Description
Edit Entry	Edit an entry stored in the phonebook:  > Phonebook, highlight the phonebook entry, then press the VIEW key and EDIT key
Store a PIN Code in a Number	While entering the number:  > Insert Pause, Wait, or 'n' Pause waits for the call to connect, then sends the remaining digit(s). If your network does not recognize the first pause character, try two (pp). Wait waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s). 'n' prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the n character



Feature	Description
Set Ringer ID for Entry	Assign a distinctive ringer alert to a phonebook entry:  > Phonebook > entry  > Edit > Ringer ID > ringer name Note: The Ringer ID option is not available for entries stored on the SIM card.
Set Category for Entry	Set the category for a phonebook entry:  > Phonebook > entry  > Edit > Category > category name Note: The Category option is not available for entries stored on the SIM card.
Set Category View	Set a phonebook category view:  > Phonebook  > Categories > category to view
Set Category Ringer ID	Set a distinctive ring for calls from phonebook entries in a specific category:  > Phonebook  > Categories, scroll to entry, press  > Edit > Ringer ID



Feature	Description
Sort Phonebook List	Set the order in which phonebook entries are listed:  > Phonebook  > Setup > Sort by > sort order
Set Primary Number	Set the primary number for a phonebook entry with multiple numbers:  > Phonebook, scroll to entry, press  > Set Primary > phone number
Copy Phonebook Entry to SIM or Phone	Copy a phonebook entry between the phone and SIM card:  > Phonebook, highlight the entry, press  > Copy Entry
Copy Phonebook Entry to Another Device	Copy a phonebook entry to another phone, computer, or device:  > Phonebook, highlight the entry, press  > Share Phonebook Entry > <i>sending method</i>
1-Touch Dial	Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook:  > Settings > Initial Setup > 1-Touch Dial



Personalizing Features

Feature	Description
Ring Style	Change the ring alert for an event:  > Ring Styles > <i>style</i> Detail > event name
Ringer IDs	Activate distinctive ring alerts assigned to phonebook entries:  > Ring Styles > <i>style</i> Detail > Ringer IDs
Ring Volume	Set ringer volume:  > Ring Styles > <i>style</i> Detail > Ring Volume
Keypad Volume	Set keypad keypress volume:  > Ring Styles > <i>style</i> Detail > Key Volume
My Tones	Compose your own ring tones:  > Ring Styles > My Tones
Spatial Sound	Turn on or off a surround sound effect for stereo files:  > Settings > Initial Setup > Spatial Audio
Menu View	Display the main menu as graphic icons or as a text-based list:  > Personalize > Main Menu > View
Menu Order	Reorder your phone's main menu:  > Personalize > Main Menu > Reorder



Feature	Description
Change Home Screen Nav Key Shortcuts	Change menu feature icons in the home screen  > Personalize > Home Keys
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold . Select a shortcut:  > Tools > Shortcuts > shortcut name

Menu Features

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



Dialing Features

Feature	Description
Fixed Dial	Turn fixed dialing on or off:  > Settings > Security > Fixed Dial Use the fixed dial list:  > Tools > Dialing Services > Fixed Dial 
Service Dial	Dial service phone numbers:  > Tools > Dialing Services > Service Dial 
Quick Dial	Dial preprogrammed phone numbers:  > Tools > Dialing Services > Quick Dial 
DTMF Tones	Activate DTMF tones:  > Settings > Initial Setup > DTMF To send DTMF tones during a call, just press the number keys. To send stored numbers as DTMF tones during a call: Highlight a number in the phonebook or recent calls lists, then press  > Send Tones.



Call Monitoring

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

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

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

Handsfree Features

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



Feature	Description
Speaker-phone	Activate the speakerphone during a call: Press the SPEAKER key (if available) or  > Spkrphone On 
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset:  > Settings > Car Settings or Headset > Auto Answer Note: Your phone will not automatically answer calls if the ring style is set to Silent. 
Voice Dial (headset)	Enable voice dial with headset send/end key:  > Settings > Headset > Voice Dial 
Auto Handsfree (car kit)	Automatically route calls to a car kit when connected:  > Settings > Car Settings > Auto Handsfree 



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



Data Calls

Feature	Description
Send Data	Connect your phone to a device, then place a call through the device application.
Receive Data	Connect your phone to a device, then answer a call through the device application.



Bluetooth® Wireless Connections

Feature	Description
Make Phone Visible to Other Device	Allow an unknown Bluetooth device to discover your phone:  > Settings > Connection > Bluetooth Link > Setup > Find Me Tip: After the first connection, you do not need to select Find Me to re-connect.
Connect to a Handsfree Device	Connect to a handsfree device:  > Settings > Connection > Bluetooth Link > Handsfree > <i>device name</i> or Look for Devices
Connect to a Handsfree Device During a Call	Switch to a headset or car kit during a call:  > Use Bluetooth
Disconnect From Device	Disconnect from a device: Highlight the device name and press the DROP key.



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

Network Features

Feature	Description
Network Settings	View network information and adjust network settings:  > Settings > Network 



Personal Organizer Features

Feature	Description
Create Datebook Event	Create a new datebook event:  > Datebook , highlight the day, press the center select button, press  > New
View Datebook Event	View or edit event details:  > Datebook , highlight the day, press the center select button, scroll to the event, and press the VIEW key
Event Reminder	View event reminder: VIEW key Dismiss event reminder: EXIT key
Copy Datebook Event to Another Device	Copy a datebook event to another phone, computer, or device:  > Datebook , highlight the day, press the center select button, highlight the event, press  > Send > <i>transfer method</i>
Set Alarm	Set an alarm:  > Tools > Alarm Clock



Feature	Description
Turn Off Alarm	Turn off alarm: Press the DISABLE key or . Set 8-minute delay: Press the SNOOZE key.
Calculator	Calculate numbers:  > Tools > Calculator
Currency Converter	Convert currency:  > Tools > Calculator  > Exchange Rate Enter exchange rate, press the OK key, enter amount, press  > Convert Currency.

Security

Feature	Description
SIM PIN	Lock or unlock the SIM card:  > Settings > Security > SIM PIN Caution: If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your phone displays SIM Blocked.
Lock Application	Lock phone applications:  > Settings > Security > Lock Application



News and Entertainment

Note: The files that you download or receive as attachments might have a copyright lock that keeps you from saving them on external memory, forwarding them, or editing them.

Feature	Description	
Launch Micro-Browser	Start a micro-browser session:  > Web Access > Browser	
Web Sessions	Select or create a Web session:  > Web Access > Web Sessions	
Download Objects from Web Page	Download a picture, sound, or other file from a Web page: Highlight the file, press the SELECT key, then the STORE key.	
Apply Phone Theme	Apply a grouped set of image and sound files to your phone:  > Multimedia > Themes > <i>theme</i>	



Feature	Description
Download Game or Application (Micro-Browser)	Download a Java™ game or application with the micro-browser:  > Web Access > Browser, highlight the application, press the SELECT key, then the DOWNLOAD key 
Launch Game or Application	Launch a Java™ game or application:  > Games & Apps, highlight the application, press the SELECT key 
Change Game or Application Settings	Change the volume, priority, or other settings for Java™ games or applications:  > Settings > Java Settings 
Manage Pictures	Manage pictures and animations:  > Multimedia > Pictures 
Manage Sounds	Manage ring tones, sounds that you have composed or downloaded:  > Multimedia > Sounds



Feature	Description
Manage Video Clips	Manage video clips:  > Multimedia > Videos
Photo and Video Camera Settings	Adjust light level and other settings for the integrated camera:  > Multimedia > Camera  > Picture Setup or  > Multimedia > Record Video  > Video Setup Note: The photo and video cameras use the same settings.



Specific Absorption Rate Data

This model phone meets the international standards for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. 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 guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.¹ Tests for SAR are conducted in accordance with CENELEC² testing procedures using standard operating positions 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 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 base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is ____ W/kg.³

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.

1. The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.
2. CENELEC is a European Union standards body.
3. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

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

Products and Accessories

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

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

Exclusions

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

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

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

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

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

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

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

Software

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

Exclusions

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

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

Who Is Covered?

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

What Will Motorola Do?

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

How to Obtain Warranty Service or Other Information

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

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To

obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

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

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the

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

RF Energy Interference

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

Index

A

accessories 13, 32, 85
accessory connector port 1
active line indicator 42
active line, changing 70
alarm clock 102
alert
 creating 94
 defined 64
 setting 19, 64, 94
 turning off 19, 73

animation

 downloading 31, 104
 managing 23
 screen saver 24, 66
 viewing 105
 wallpaper 24, 65

answering a call 19

application, locking and
 unlocking 103

automatic redial 71

B

backlight 67

barring calls 85

battery

 charging 17

 extending battery life 15,
 67

 installing 16

 level indicator 43

Bluetooth 33, 93, 100, 102

brightness, setting 67

browser key 59

browser. *See* micro-browser

C

calculator 103

call

 alert, turning off 19, 73

 answering 19

 barring 85

 barring password,
 changing 60

 call waiting 81

 costs 97

 dialed calls list 75

 dialing 19

 emergency number 73

 ending 19, 29

 forwarding 85

 handsfree speaker 60

 hold 81

 international access code
 75

- making 19
 - received calls list 75
 - receiving 19
 - ring style 19, 64, 94
 - speakerphone 98
 - timers 97
 - transferring 81
 - unanswered call 77
 - Call Failed, Number Busy message 71
 - call waiting 81
 - caller ID 22, 24, 71
 - calling line identification.
 - See caller ID
 - camera
 - settings 106
 - taking a photo 21
 - camera key 59
 - category
 - phonebook entry 92
 - ring ID 92
 - view 92
 - center select button 43
 - character chart 52
 - clock
 - setting 64
 - codes
 - changing 60
 - default 60, 63
 - forgetting 63
 - color, setting 67
 - computer
 - connecting to phone 32
 - conference call 85
 - customizing the menu 94
- ## D
- data call 99
 - connecting to external device 32
 - date, setting 64
 - datebook 102
 - dialed calls list 75
 - dialing a number 19, 96
 - display
 - backlight 67
 - brightness 67
 - color 67
 - description 39
 - home screen 39
 - language 95
 - personalizing 95
 - timeout 68
 - distinctive ringer alert 94
 - DTMF tones
 - activating 96
 - sending 96
- ## E
- earpiece volume 18
 - email 89
 - emergency number 73
 - end key 1

ending a call 19, 29
Enter Unlock Code
 message 62
external device
 connecting to phone 32

F

fax call 32
5-way navigation key 1, 43
fixed dial 96
forwarding calls 85

G

games 105
GPRS indicator 29, 41

H

handsfree speaker 60
headset jack 1
hold a call 81
home keys, personalizing
 95
home screen
 defined 39

I

IM 88
incoming call
 answering 19
 forwarding 85
Incoming Call message 72

indicators

active line 42
battery level 43
GPRS 29, 41
Java midlet 42
location 43
message 42
messaging presence 42
ring style 43
roam 41
signal strength 40
text case 50
text entry mode 50
transmission 41
voicemail message 42,
 80

instant messaging. *See* IM
international access code
 75

iTAP software 53

J

Java applications 105
Java midlet indicator 42
joystick 1

K

key
 browser 59
 camera 59
 center select button 43

- end 1, 59
- 5-way navigation 1, 43
- left soft key 1, 40, 95
- menu 1
- power 1
- right soft key 1, 40, 95
- send 1, 59
- voice 1, 59
- volume 59
- volume control 1, 18
- keypad
 - volume, setting 94

L

- language, setting 95
- left soft key
 - functions 1, 40
 - personalizing 95
- line, changing 70
- location indicator 43
- lock
 - application 103
 - phone 61
 - SIM card 103
- Low Battery message 43

M

- making a call 19
- master clear 95
- master reset 95
- memory card 15

- menu
 - entering text 47
 - icons, changing in home screen 95
 - icons, converting to text 94
 - language, setting 95
 - personalizing 94
 - rearranging features 94
 - using 44
 - view, changing 94
- menu key 1
- message
 - MMS template 86
 - multimedia message 86
 - quick note 86
 - reading 87
 - text 86, 87
- message indicator 42
- messaging presence indicator 42
- micro-browser
 - animation 31
 - background sessions 32
 - browser setup 31, 104
 - Java applications 105
 - picture 31
 - ring tone 31
 - using 29, 104
 - Web sessions 31, 104
- Missed Calls message 77
- MMS template 86

- multimedia message
 - sending 86
- my telephone number 20,
 - 64, 84
- my tones 94

N

- network settings 101
- notepad 77
- number
 - storing your number 64
 - viewing your number 20,
 - 84
- numbers, entering 55

O

- 1-touch dial
 - setting preference 93
 - using 79
- optional accessory, defined 13
- optional feature, defined 13

P

- passwords. *See* codes
- phone
 - active line indicator 42
 - active line, changing 70
 - alert, turning off 19, 73
 - clear stored information 95

- codes 60
- connecting to external
 - device 32
- date, setting 64
- language, setting 95
- locking 61
- network settings 101
- open to answer 19
- reset all options 95
- ring style 19, 64, 94
- security code 60
- time, setting 64
- turning on/off 18
- unlock code 60
- unlocking 18, 61
- phone number
 - active line indicator 42
 - active line, changing 70
 - attaching 2 numbers 78
 - international access code 75
 - redialing 70
 - storing in phonebook 90
 - storing your number 64
 - viewing your number 20,
 - 84
- phone theme 104
- phonebook
 - attaching 2 numbers 78
 - category for entry 92
 - category ring ID 92
 - category view 92

- copying entries 93
- dialing a number 90
- editing an entry 91
- 1-touch dial 79
- picture ID 22, 24, 71
- primary number, setting 93
- ringer ID 92, 94
- sorting entries 93
- speed dial number 78
- storing an entry 90
- voice dialing 90
- photo
 - downloading 31, 104
 - managing 23
 - picture ID 22, 24, 71
 - screen saver 24
 - sending 21
 - taking 21
 - wallpaper 24
- picture
 - downloading 31, 104
 - managing 23
 - screen saver 24, 66
 - viewing 105
 - wallpaper 24, 65
- picture ID 22, 24, 71
- PIN code
 - changing 60
 - entering 103
- PIN2 code, changing 60
- power key 1

- predictive text entry 53

Q

- quick dial 96

R

- received calls list 75
- recent calls 75
- redial
 - automatic redial 71
 - busy number 70
- right soft key
 - functions 1, 40
 - personalizing 95
- ring style indicators 43
- ring style, setting 19, 64, 94
- ring tone
 - downloading 31, 104
 - managing 105
- ring tone, creating 94
- ringer ID
 - setting 92
 - turning on/off 94
- ringer volume, setting 19, 94
- roam indicator 41

S

- Safety
 - introduction 6
 - use while driving 9

- screen saver 24, 66
 - security code
 - changing 60
 - default 60
 - send key 1
 - service dial 96
 - shortcuts 84, 95
 - signal strength indicator 40
 - silent alert, setting 19, 64, 94
 - SIM Blocked message 18, 103
 - SIM card
 - defined 14
 - installing 14
 - locking 103
 - PIN code entry 18
 - PIN code, changing 60
 - PIN2 code, changing 60
 - precautions 14
 - SIM Blocked message 18, 103
 - SIM PIN code
 - changing 60
 - entering 103
 - SIM PIN2 code, changing 60
 - soft keys
 - functions 40
 - illustration 1
 - personalizing 95
 - sound
 - downloading 31, 104
 - managing 105
 - spatializing 94
 - spatial audio 94
 - Speaker On message 60
 - speaker volume 19
 - speakerphone
 - activating 98
 - automatic answer 98
 - speed dial 78
 - standby time, increasing 67
 - symbol chart 56
 - symbols, entering 56
- ## T
- tap text entry 50
 - telephone number
 - storing your number 64
 - viewing your number 20, 84
 - text
 - capitalization, changing 49
 - character chart 52
 - entering 47
 - entry mode, setup 49
 - iTAP software predictive text entry 53
 - numeric mode 55
 - symbol chart 56
 - symbol mode 56

- tap 50
- text case indicator 50
- text entry mode
 - setup 49
- text entry mode indicator 50
- theme 104
- time, setting 64
- timers 97
- transfer a call 81
- transmission indicator 41
- travel charger 17
- TTY device 85

U

- UICC 14
- Universal IC Card 14
- unlock
 - application 103
 - phone 61
- unlock code
 - bypassing 63
 - changing 60
 - default 60, 63
 - entering 18

V

- vibrate alert
 - setting 19, 64, 94
 - turning off 19, 73
- video clip
 - downloading 31, 87, 89

- managing 106
- recording 25, 27
- voice dial 90, 98
- voice key 59
 - dialing a number 90
 - illustration 1
- voicemail 79
- voicemail message indicator
 - 42, 80
- volume
 - earpiece 18
 - games 105
 - keypad 94
 - ringer 19, 94
 - speaker 19
- volume key 59
- volume keys 1, 18

W

- wallpaper 24, 65
- warranty 109
- Web pages 29, 104
- Web sessions 31, 104
- Welcome 1