INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

EXHIBIT 8

MOTOMANUAL

MOTORIZR Z3
GSM

motorola.com

HELLOMOTO

Introducing your new Motorola **MOTO**RIZR z3 GSM wireless phone.

Charge Indicator Light

Bluetooth Indicator Light

Bumper Bar
Push down to close slider.

Left Soft Key

Right Soft Key

Browser Key

Clear/Back Key

Send Key
Make & answer calls.

Power/End Key
Turn on/off, hang up, exit menus.

Navigation Key
Scroll up, down, left, or right.

Center Key
Open main menu & select menu items.

Bumper Bar
Push up to open slider.

Camera Lens & High-Intensity LED Camera Light
(on back of phone)

Volume Keys
Set ring volume when slider is closed.

Voice Command Key
Use voice commands to make calls & perform basic phone functions.

Smart Key *
Select menu items.

Camera Key
Activate camera & take photos.

Handsfree Speaker
(on back of phone)

Mini-USB Port
Insert battery charger & phone accessories.

* This key functions as the PTT key when push to talk service is available on your phone.

Home Screen

Main Menu

Tool§ ((☐ⅢⅢ
Service Provider
10/15/07

Messages

Ring Tone   Camera

Select   Exit
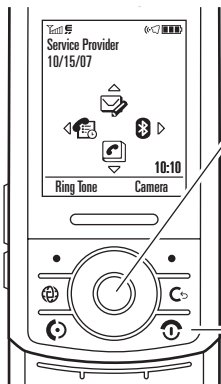
① Press & hold the **Power Key** 🔘 until the display lights up, to turn on your phone.

② Press the **Center Key** ·●· to open the **Main Menu**.
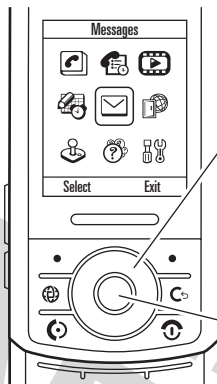
③ Press the **Navigation Key** ·Ο· up/down/left/right to highlight a menu feature.

④ Press the **Center Key** ·●· to select it.

Note: This is the standard home screen and main menu layout. **Your phone's home screen and main menu may be different.**

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

1-800-331-6456 (United States)
1-888-390-6456 (TTY/TDD United States for hearing impaired)
1-800-461-4575 (Canada)

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide are based upon the latest available information and are believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Software Copyright Notice

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Manual Number: 68XXXXX151-O

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contents

menu map

main menu

Phonebook

Recent Calls
- Filter By
  - Received Calls
  - Dialed Calls
  - Missed Calls
- Notepad
- Call Times
- Data Times
- Data Volumes

Messages
- Create Message
- Email Msgs
- Message Inbox
- Voicemail
- Browser Msgs *
- Outbox
- Drafts
- Templates
- Info Services *

Tools
- SIM Applications *
- Calculator
- Datebook
- Shortcuts *
- Alarm Clock
- Dialing Services
  - Fixed Dial
  - Service Dial *
  - Quick Dial
- IM *
- Activation List *
- World Clock

Multimedia
- Voice Records
- Camera
- Video Camera
- Pictures
- Music
- Videos

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

Games & Apps

Help App

Settings
- (see next page)

This is the standard main menu layout.
Your phone's menu may be different.

Tip: Press C to exit the current menu, or O to exit all menus.

* optional features

settings menu

Personalize
- Home Screen
- Main Menu
- Voice Dial Setup
- Skin
- Greeting
- Wallpaper
- Screen Saver
- Slide Tone
- Sound Settings
- Quick Dial *

Ring Tone
- Style
- *style* Detail

Connection
- Bluetooth Link
- USB Settings
- MOTOSYNC™

Call Forward
- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Forward Status

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

Initial Setup
- Time and Date
- Speed Dial
- Auto Redial
- Display Timeout
- Backlight
- TTY Setup *
- Scroll
- Slide Closed
- Language
- Brightness
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Credit Info/Available *
- Active Line *
- Battery Meter
- Download Location
- Storage Devices
- Software Update *
- Other Information

Headset
- Auto Answer
- Voice Dial

Car Settings
- Auto Answer
- Auto Handsfree
- Power-Off Delay *
- Charger Time *

Airplane Mode
- Airplane Mode
- Prompt at Power Up

Network
- New Network
- Network Setup
- Available Networks
- My Network List *
- Service Tone
- Network Jingle
- Call Drop Tone

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

PTT Settings *
- PTT Service

Java™ Settings
- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Priority *
- App Backlight
- Set Standby App *
- DNS IP *

* optional features

8 menu map

Safety and General Information

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

Exposure To Radio Frequency (RF) Energy

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

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

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

Operational Precautions

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

External Antenna Care

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

complying with local regulatory requirements in your country.

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

Product Operation

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

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

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

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

RF Energy Interference/Compatibility

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

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

Follow Instructions to Avoid Interference Problems

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

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

Pacemakers

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

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from your

pacemaker when the mobile device is turned ON.

- DO NOT carry the mobile device in the breast pocket.

- Use the ear opposite the pacemaker to minimize the potential for interference.

- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

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

Driving Precautions

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

When using your mobile device while driving, please:

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

Responsible driving practices can be found in the "Smart Practices While Driving" section at the end of this guide and/or at the Motorola website: www.motorola.com/callsmart.

Operational Warnings

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

Automobile Air Bags

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

Potentially Explosive Atmospheres

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

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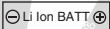
Damaged Products

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

Batteries and Chargers

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

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

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

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

Choking Hazards

Your mobile device or its accessories may include detachable parts, which may present a choking

hazard to small children. Keep your mobile device and its accessories away from small children.

Glass Parts

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

Seizures/Blackouts

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

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

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

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

Use and Care

To care for your Motorola phone, please keep it away from:

liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture.

dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.

extreme heat or cold

Avoid temperatures below -10°C/14°F or above 45°C/113°F.

cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.

microwaves

Don't try to dry your phone in a microwave oven.

the ground

Don't drop your phone.

14 Use and Care

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

product Approval Number from your product's label in the "Search" bar on the Web site.

IMEI: 350034/40/394721/9

$C\,\epsilon$ 0168

Type: MC2-41H14 ————— Product Approval Number
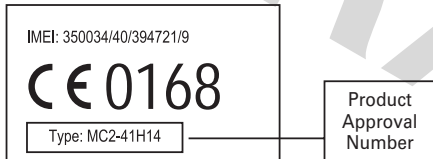
The above gives an example of a typical Product Approval Number.

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

Caring for the Environment by Recycling

When you see this symbol on a Motorola product, do not dispose the product with household waste.

Recycling Mobile Phones and Accessories

Do not dispose of mobile phones or electrical accessories, such as chargers or headsets, with your household waste. In some countries or regions, collection systems are set up to handle electrical and electronic waste items. Contact your regional authorities for more details. If collection systems aren't available, return unwanted mobile phones or electrical accessories to any Motorola Approved Service Centre in your region.

essentials

about this guide

This guide shows how to locate a menu feature as follows:

Find it: $\hat{\bullet}$ > ⊠ Messages > Create Message

This means that, from the home screen:

1 Press the *center key* $\hat{\bullet}$ to open the menu.

2 Press the *navigation key* $\dot{Q}$ to scroll to ⊠ **Messages**, and press the *center key* $\hat{\bullet}$ to select it.

3 Press the navigation key $\dot{Q}$ to scroll to **Create Message**, and press the center key $\hat{\bullet}$ to select it.

symbols	
🅐	This means a feature is network, SIM card, or subscription dependent and may not be available in all areas. Contact your service provider for more information.
🅑	This means a feature requires an optional accessory.

SIM card

Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt. Turn off your phone before you install or remove the SIM card.

Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and phonebook entries.

1 Press in the battery door release latch.

2 Lift up and remove the battery door.
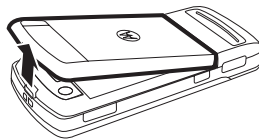
3 Hold the SIM card with the notch in the lower right corner and the gold plate facing down. Slide the SIM card into the card slot as shown.
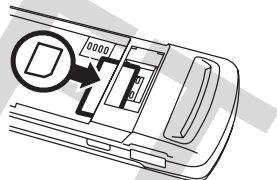
battery

battery tips

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

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

- New batteries or batteries stored for a long time may take more time to charge.

- When charging your battery, keep it near room temperature.

- When storing your battery, keep it uncharged in a cool, dark, dry place.

- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.

- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.

Contact your local recycling center for proper battery disposal.

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

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

battery installation

1

2
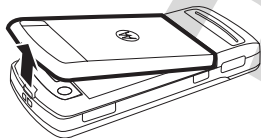
3
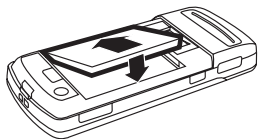
4
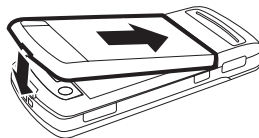
battery charging

New batteries are not fully charged. Plug the battery charger into the mini-USB port on your phone, and plug the other end into an electrical outlet. Your phone might take several seconds to start charging the battery. The battery charge indicator light shows when the battery is charging. The display shows **Charge Complete** when finished.
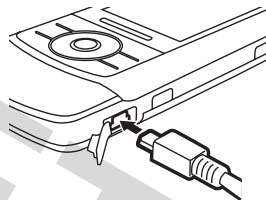
Tip: Relax, you can't overcharge your battery. It will perform best after you fully charge and discharge it a few times.

Note: You can charge your battery by connecting a cable from your phone's mini-USB port to a USB port on a computer. Both your phone and the computer must be turned on, and your computer must have the correct software drivers installed. Cables and software drivers are available in Motorola Original data kits, sold separately.

turn phone on & off

Caution: The phone may ask for your SIM card PIN code when you turn it on. If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled, and your display shows SIM Blocked. Contact your service provider.

To turn on your phone, press and hold the *power/end key* [O] until the keypad or display lights up. If prompted, enter your eight-digit SIM card PIN code and/or four-digit unlock code.
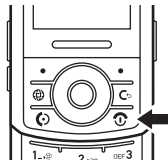
To turn off your phone, press and hold [O] for a few seconds.

make a call

Open the slider, then enter a phone number and press the *send key* [O] to make a call.

To **voice dial** a call, see page 53.

To "hang up," close the slider or press the *power/end key* [O].

answer a call

When your phone rings and/or vibrates, just open the slider and press the *send key* ☎ to answer.

To "hang up," close the slider or press the *power/end key* ☏.

Note: Your phone can't receive data over an EDGE network when playing videos or some sound files. The EDGE status indicator Ⓔ appears at the top of the display when you can receive data over an EDGE network.

store a phone number

You can store a phone number in your Phonebook.

Find it: $\hat{\bullet}$ > ☐ Phonebook, then press Options > Create New > Phone Contact or SIM Contact

1 Enter a name and other details for the phone number. To edit details, scroll to them and press the *center key* $\hat{\bullet}$.

2 Press the Done key to store the number.

To edit or delete a phonebook entry, see page 79. To store an email address, see page 77.

Notes about entries on your SIM card:

- You can store only a Name and Number for phonebook entries stored on the SIM card.

- To choose whether your phone stores entries in phone memory or on the SIM card, go to the home screen and press $\hat{\bullet}$ > ☐ Phonebook, then press Options > Setup > Default Storage > Phone or SIM Card.

- Your phonebook can show the entries stored in phone memory or on the SIM

card. To choose which entries you see, press $\hat{\bullet}$ > Φ Phonebook, then press Options > View. You can select Phone & SIM Card, SIM Card, or Phone Contacts.

call a stored phone number

Find it: $\hat{\bullet}$ > Φ Phonebook

1 Scroll to the phonebook entry.

2 Press N to call the entry.

To **voice dial** a phonebook entry, see page 53.

search the phonebook

Find it: $\hat{\bullet}$ > Φ Phonebook

Press the keypad keys to enter the first letters of the entry you want.

your phone number

From the home screen, press the *clear/back key* D then # to see your number.

Tip: Want to see your phone number while you're on a call? Press Options > My Tel. Number.

You can edit the name and phone number stored on your SIM card. From the home screen, press D #, select an entry, press the View key, press the Options key, and select Edit. If you don't know your phone number, contact your service provider.

main attractions

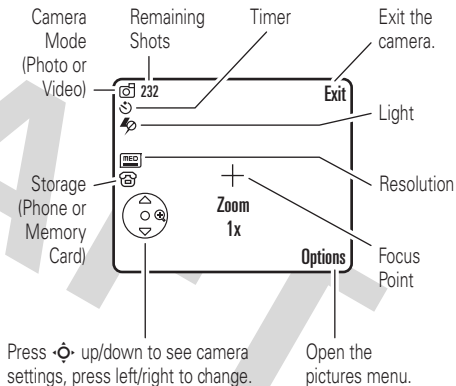You can do much more with your phone than make and receive calls!

photos

Your phone has a 2 megapixel digital camera that can take photos at up to 1200 x 1600 pixels resolution. The phone is designed to be used in camera mode when the slider is closed. Just aim and shoot to take a photo, then press **Send** to share it with your friends

take a photo (slider closed)

With the slider closed, press the *camera key* 📷 to see the full-screen camera viewfinder. Your phone takes photos in the

standard landscape format when the slider is closed.

Camera Mode (Photo or Video)
Remaining Shots
Timer
Exit the camera.
Light
Storage (Phone or Memory Card)
Resolution
Zoom 1x
Focus Point
Options

Press ·Ò· up/down to see camera settings, press left/right to change.

Open the pictures menu.

Tip: To take photos in low-light settings, press **Options > Light On** to turn on the high-intensity LED camera light.

1 Point the camera lens at the photo subject.

2 Press the camera key **O** to take a photo. You can:

- Press the **Options** key to store the photo.

- Press the **Send** key to send the photo in a message (see page 38).

- Press **C** to discard the photo and return to the active viewfinder.

take a photo (slider open)

With the slider open, press ·**●**· > **☑ Multimedia** > **Camera** to see the camera viewfinder. Your phone takes photos in portrait format when the slider is open.

Timer   Light   Remaining Shots   Resolution

Camera Mode (Photo or Video)

232

Storage (Phone or Memory Card)

Press ·**◉**· up/down to see camera settings, press left/right to change.

Focus Point

Zoom 1x

Options   Exit

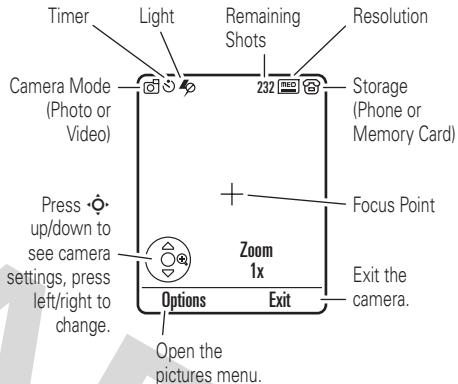Exit the camera.

Open the pictures menu.

Tip: To take photos in low-light settings, press **Options > Light On** to turn on the high-intensity LED camera light.

1 Point the camera lens at the photo subject.

main attractions   **25**

2 Press the center key ◆ or camera key ◙ or to take a photo. You can:

- Press the **Options** key to store the photo.

- Press the **Send** key to send the photo in a message (see page 38).

- Press ◙ to discard the photo and return to the active viewfinder.

camera settings

When the viewfinder is active, press **Options** to select camera options:

options	
Go To Pictures	See stored pictures and photos. Press the **Options** key to perform various operations (such as **Delete**, **Rename**, or **Move**) on a picture.

options	
Go To Video Mode	Switch to the video camera.
Light On/ Light Off	Turn on the high-intensity LED camera light to take photos in low-light settings, turn off when finished.
Auto-Timed Capture	Set a timer for the camera to take a photo.
Camera Setup	Adjust photo settings: • **Resolution** • **Quality** • **Shutter Tone**
Switch Storage Device	See and store pictures on your phone or memory card.
Free Space	See how much memory remains for storing pictures.

videos

record a video

With the slider closed or open, press S
> @ **Multimedia** > **Video Camera** to see the
full-screen video camera viewfinder.

Camera
Mode (Photo or
Video)

Remaining Video
Minutes

Exit the
video
camera.

Light

Storage (Phone or
Memory
Card)

Resolution

Zoom
1x

Options

Open the
videos
menu.
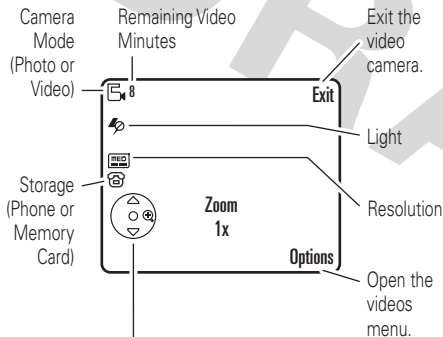
Press S up/down to see video camera
settings, press left/right to change.

Tip: If you want to send your video in a
message, the video length must be set to
MMS. To set length, press **Options**
> **Videos Camera Setup** > **Video Length**.

1 Point the camera lens at the video
subject.

2 Press the camera key ◻ to begin video
recording.

3 Press the **Stop** key to stop video recording.
You can:

- Press the **Options** key to preview, store,
or discard the video.

- Press the **Send** key to send the
video in a message (see
page 38).

- Press ⓒ to discard the video and
return to the active viewfinder.

When the video camera viewfinder is active, press **Options** to select video options:

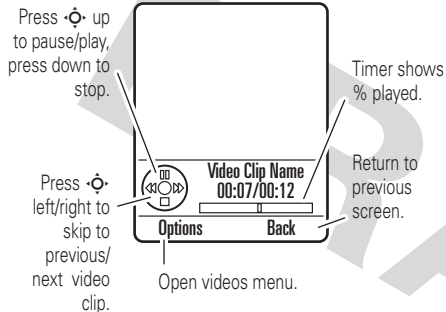| options	
Go To Videos	See stored videos. Press the **Options** key to perform various operations (such as **Delete**, **Rename**, or **Move**) on a video.
Go To Photo Mode	Switch to the picture camera.
Light On/ Light Off	Turn on the camera light to record videos in low-light settings, turn off when finished.
Video Camera Setup	Adjust video settings: • Auto Repeat • Full Screen • Video Quality • Video Length • Resolution • Recording Sound

options	
Switch Storage Device	See and store videos on your phone or memory card. **Note:** This option appears only when a memory card is installed.
Free Space	See how much memory remains for storing videos.

play a video

Find it: $\hat{\bullet}$ > **Multimedia** > **Videos** > *video clip*

Press $\cdot\hat{\Diamond}\cdot$ up to pause/play, press down to stop.

Press $\cdot\hat{\Diamond}\cdot$ left/right to skip to previous/ next video clip.

Timer shows % played.

Video Clip Name 00:07/00:12

Return to previous screen.

Options   Back

Open videos menu.

From the stored videos list, press **Options** to select video options.

Note: Your phone's options may vary. Most options apply only to user-recorded videos, and are not available for pre-installed videos.

options	
Play Full Screen	Expand the video image to fill the screen.
Send	Send the video over a Bluetooth™ wireless connection, or in a message.
	Note: This option appears only when the video file size is small enough to send.
View Storage Device	See and store videos on your phone or memory card.
	Note: This option appears only when a memory card is installed.

options	
Create New Video	Activate the video camera to record a new video.
Manage	Select this option to **Delete**, **Move**, **Copy**, or **Rename** a video.
Mark/ Unmark	Mark one or more videos that you want to delete, move, copy, or assign to a category.
Categories	Create new category, or see videos in a selected category.
Assign to Category	Assign video(s) to a category.
Videos Setup	Adjust video settings.
Free Space	See how much memory remains for storing videos.
Properties	See video file details.

audio player

Your phone can play and store MP3 music files. You can use an optional removable memory card with your phone to store more songs (see page 40).

Find it: $\cdot \dot{\mathbf{\hat{\varphi}}} \cdot$ > 🔄 Multimedia > Music > *song name*

Press $\cdot \dot{\mathbf{\hat{\varphi}}} \cdot$ up to play or pause. Press $\cdot \dot{\mathbf{\hat{\varphi}}} \cdot$ down to stop. Press $\cdot \dot{\mathbf{\hat{\varphi}}} \cdot$ right or left to play the next or previous song.

Use the volume keys on the left side of your phone (see illustration on page 2) to control music volume.

To download songs to your phone, see page 101. To copy files between your phone and a computer, see page 42.

Note: Your phone may not play MP3 files that have a bit rate higher than 128 kbps. If you try to download or play one of these files, your phone might show you an error or ask you to delete the file.

Tip: You can listen to tunes on your way. Use *airplane mode* to make your phone safe to use even while you're on a plane. See page 102.

digital audio player

Your phone also has a digital audio player Java application that you can use to play music, create playlists, and organize your music files.

Find it: $\dot{\bullet}$ > $\triangleq$ Games & Apps > Digital Audio Player

Press $\dot{\mathbf{Q}}$ up or down to highlight an option, and press the center key $\dot{\bullet}$ to select it:

options	
Playlists	Create or play a playlist.
Artists	Select an artist to show or play their songs.
Albums	Select an album to show or play its songs.
Songs	Show and play individual songs.
	Note: All of your phone's songs appear in the **Songs** list. Some songs do not have any **Artist**, **Album**, or **Genre** information stored, so they don't appear in those lists.
Genres	Select a type of music to show or play songs.

Press ·Ò· up or down to highlight a song, then press the center key ·♦· to play or pause it. Press ·Ò· left or right to play the previous or next song.

Use the volume keys on the left side of your phone (see illustration on page 2) to control music volume.

slider features

slide tone

Set a slide tone to play when you open and close the slider:

Find it: ·♦· > $\frac{DB}{DB}$ Settings > Personalize > Slide Tone.

slide closed feature

Set your phone to continue running active applications or close active applications when you close the slider.

Find it: ·♦· > $\frac{DB}{DB}$ Settings > Initial Setup > Slide Closed > Continue Task or End Task.

The **Slide Closed** setting determines what happens when you close the slider under the following conditions:

	End Task	Continue Task
On call	End call	Continue call
Audio Player	End play	Close player. Continues playing music, with music controls in home screen.
Digital Music Player	End play	End play. Java app continues running. When you re-open Games & Apps you are prompted to Resume, Suspend, or End play.

	End Task	Continue Task
Camera	End	Switch from portrait to landscape mode, show full-screen viewfinder

full-screen viewfinder

Your phone's camera shows a full-screen viewfinder and takes photos in the standard landscape format when the slider is closed. For instructions on how to use the camera, see page 24.

The video camera shows a full-screen viewfinder and records videos in the standard landscape format when the slider is open or closed. For instructions on how to use the video camera, see page 27.

lock & unlock keypad

You can lock the phone keypad and side keys to prevent accidental keypresses (for example, when carrying your phone in a purse or pocket).

To **manually lock** the keypad and side keys, press and hold [✻] in the home screen. The keys remain locked until you close and re-open the slider.

You can set your phone to **automatically lock** the keypad and side keys when the phone is idle and the slider is closed. Press

◈ > 🔧 Settings > Security > Keypad Lock > Timer, then set the time delay for locking the keys (2 seconds, 4 seconds, or 8 seconds). The keys lock when you close the slider, and unlock when you open the slider. To turn off the automatic lock feature, press ◈ > 🔧 Settings > Security > Keypad Lock > Timer > Off.

To **unlock** the keypad and side keys: Press a key, then follow the on-screen instructions.

Note: Incoming calls and messages unlock the keypad.

Bluetooth™ wireless

Your phone supports Bluetooth wireless connections. You can connect your phone with a Bluetooth headset or car kit to make handsfree calls. You can connect your phone with a phone or computer that supports Bluetooth connections to exchange files.

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, 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.

For maximum Bluetooth security, you should always connect Bluetooth devices in a safe, private environment.

turn Bluetooth power on or off

Find it: s > ĝ Settings > Connection > Bluetooth Link > Setup > Power > On

Note: To extend battery life, use this procedure to set Bluetooth power to **Off** when not in use. Your phone will not connect to another device until you set Bluetooth power back to **On** and connect your phone to the device again.

use a headset or handsfree car kit

Before you try to connect your phone with a handsfree device, make sure the device is **on** and **ready** in *pairing* or *bonding* mode (see the user's guide for the device). You can connect your phone with only one device at a time.

Find it: s > $\sqcap{\W}$ Settings > Connection > Bluetooth Link > Audio Devices > [Look For Devices]

Your phone lists the devices it finds within range.

1 Scroll to a device in the list and press the center key s.

2 Press the Yes or OK key to connect to the device.

3 If necessary, enter the device passkey (such as 0000) and press the OK key.

When your phone is connected, the Bluetooth indicator à shows in the home screen, and the Bluetooth indicator light flashes.

Shortcut: When Bluetooth power is on, your phone can automatically connect to a handsfree device you have used before. Just turn on the device and move it near the phone.

copy files to another device

You can copy a media file, phonebook entry, datebook event, or bookmark to another phone or computer that supports Bluetooth connections.

Note: You can't copy some copyrighted objects.

Before you try to copy a file to another device, make sure the receiving device is **on** and **ready** in discoverable mode. Also, make

sure the device is not busy with another Bluetooth connection.

1 On your phone, scroll to the object that you want to copy to the other device.

2 Press **Options**, then select:

- **Manage** > **Copy** for a media file.

- **Send Contact** > **Bluetooth** for a phonebook entry.

- **Send** for a datebook event or bookmark.

3 Select a recognized device name, or **[Look For Devices]** to search for the device where you want to copy the object.

Note: Once you connect your phone to a Bluetooth device, that device can start a similar Bluetooth connection with your phone. Your display shows the Bluetooth indicator 😊 when there is a Bluetooth connection.

receive files from another device

Before you try to receive a file from another device, make sure your phone's Bluetooth power is **on** (see page 34).

1 Place your phone near the device, and send the file from the device.

If your phone and the sending device don't recognize each other, place your phone in discoverable mode so the sending device can locate it. Press •�• > Ⅷ **Settings** > **Connection** > **Bluetooth Link** > **[Find Me]**.

2 Press the **Accept** key on your phone to accept the file from the other device.

Your phone notifies you when file transfer is complete. If necessary, press the **Save** key to save the file.

send files to a printer

You can send a media file, phonebook entry, or datebook event from your phone to a printer that supports Bluetooth connections.

Note: You can print A4 or US Letter size pages. To print another size, copy the object to a linked computer, and print it from there.

1 On your phone, scroll to the object that you want to print, then press Options > Print.

   Tip: If you see it, you can print it. After you capture a picture in the camera, you can press the Store key and select Print and Store.

2 If available, choose additional objects or print options, then choose Print to continue.

3 Select a recognized printer name, or [Look For Devices] to search for the printer where you want to send the object.

advanced Bluetooth features

features
connect to recognized device   🗗
·Ŝ· > ⚙ Settings > Connection > Bluetooth Link > Audio Devices > *device name*
drop connection with device   🗗
Scroll to the device name and press the Drop key.
switch to headset or car kit during call   🗗
Press Options > Use Bluetooth.
switch back to phone during call   🗗
To switch from a headset or car kit to your phone during a call:
Press Options > Use Handset.

features
move media file to device   🔂
Caution: Moving a file **deletes** the original file from your phone. If you want to save the original file, use the **copy** feature described on page 35.
Scroll to the file, press Options > Manage > Move, select the device name.
edit properties of recognized device   🔂
Scroll to the device name, press Options > Edit.
set Bluetooth options   🔂
$\dot{\bullet}$ > 🔢 Settings > Connection > 🅱 Bluetooth Link > Setup

text messaging

For more messaging features, see page 84.

send a text message

A text message can contain text and pictures, sounds, or other media objects. You can add multiple pages to a message, and put text and media objects on each page. You can send a message to other compatible phones, or to email addresses.

Find it: $\dot{\bullet}$ > ✉ Messages > Create Message > Message

1 Press keypad keys to enter text on the page (for more information about text entry, see page 48).

To insert a **picture, sound, or other media object** on the page, press Options > Insert. Select the file type and the file.

To insert **another page** in the message, enter text or objects on the current page, and press Options > Insert > New Page. You can enter more text and objects on the new page.

2 When you finish the message, press Options > Sending Options to set message options (such as Subject and Priority).

3 When you finish setting message options, press the Done key.

4 Press the Send To key to select message recipients. You can:

- Select one or more entries from your phonebook (press Ŏ to scroll to an entry, and press the center key ŝ to select it).

- Enter a new number or email address (press Options > Enter Number or Enter Email).

5 Press the Send key to send the message.

Your phone might tell you that this is a Multimedia Msg, if it contains multiple pages or media objects. Some phones or networks don't support picture messages. Press the Yes key to send the message.

To save or cancel the message, press Options > Save to Drafts or Abort Message.

receive a text message

When you receive a message, your phone plays an alert, and the display shows New Message with a message indicator (such as ⊠).

Press the Read key to open the message. If the message contains media objects:

- Pictures and animations show as you read the message.

- Sound files play as you read the message. Use the volume keys to adjust the sound volume.

- Attached files are added to the end of the message. To open an attachment, scroll to the file indicator/filename and press the **View** key (image), **Play** key (sound), or **Open** key (phonebook vCard, datebook vCalendar entry, or unknown file type).

memory card

You can use an optional removable memory card with your phone to store and retrieve multimedia objects (such as photos and songs).

Your phone supports memory cards up to 1 GB.

install a memory card

Caution: Don't bend or scratch your memory card. Keep it away from static electricity, water, and dirt. Turn off your phone before you install or remove the memory card.
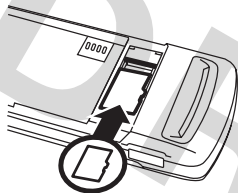
1 Press in the battery door release latch.
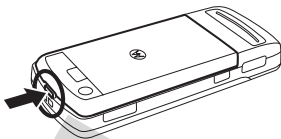
2 Lift up and remove the battery door.
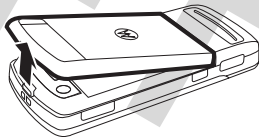
3 Hold the memory card with the metal contacts facing down, and slide the memory card under the metal band as shown.

see and change memory card information

To **see the files** stored on your memory card and on your phone, open a file list such as Pictures (see page 99). Icons can indicate if a file is stored in your phone memory (🖀) or on your memory card (🗂).To copy or move a file

from your phone to your memory card, highlight it in the list, and press Options > Manage > Copy or Move > Memory Card. You cannot copy or move some copyrighted files.

To **copy files** between your memory card and a computer, you can use a cable connection (see page 42) or a Bluetooth connection (see page 35).

To see your **memory card name, available memory,** and other information about the card:

Find it: s > 🗄 Settings > Phone Status > Storage Devices

1 Press S to scroll to the memory card.

2 Press the center key $\cdot \hat{S} \cdot$ to see the memory card information. Your phone stores content that you add, like ringtones or games, in *user memory*. Your service provider may store some content in user memory before you receive the phone.

or

Press **Options** to see the **Storage Device** menu, which lets you **Format** or **Rename** the memory card.

cable connections

Your phone has a mini-USB port so you can connect it to a computer to transfer data.
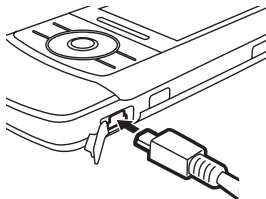
Note: Motorola Original USB data cables and supporting software are sold separately. Check your computer or hand-held device to determine the type of cable you need. To **transfer data** between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit user's guide for more information. To make **data calls** through a connected computer, see page 94.

connect your memory card to a computer

You can use a cable connection to access your phone's memory card with a PC.

Note: When your phone is connected to a computer, you can only access the memory card through the computer.

On your phone:

Press s > w Settings > Connection > USB Settings > Default Connection > Memory Card.

This directs the USB connection to your memory card. Attach the Motorola Original USB cable to the accessory port on your phone and to an available USB port on your computer. Then follow these steps:

On your computer:

1 Open your "My Computer" window, where your phone's memory card shows as a "Removable Disk" icon.

2 Click on the "Removable Disk" icon to access the files on your phone's memory card.

3 To store the desired files onto the memory card, drag and drop them as follows:

MP3 or AAC files: > mobile > audio
screen savers: > mobile > picture
wallpapers: > mobile > picture
video clips: > mobile > video

4 When you finish, remove the device by selecting the "Safely Remove Hardware" icon in the system tray at the bottom of your computer screen. Then select "USB Mass Storage Devices" and "Stop".

5 Select "USB Mass Storage Device" then "OK".

On your phone:

To return to **Data** as your USB default connection, press s > w Settings > Connection > USB Settings > Default Connection > Data Connection.

phone updates

Sometimes, we think of ways to make your phone's software faster or more efficient after you've purchased your phone. You can find out if your phone can be updated, and register for free update notifications at: www.hellomoto.com/support/update
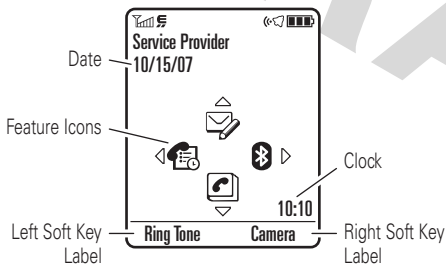
Note: Software updates do not affect your phonebook entries or other personal entries or files. If you receive a software update but choose to install it later, see page 96.

basics

See page 1 for a basic phone diagram.

display

The *home screen* appears when you turn on the phone.

Date — 10/15/07

Feature Icons

Clock

Left Soft Key Label — Ring Tone

Right Soft Key Label — Camera

10:10

Note: Depending on your service provider, your home screen may look different than the one shown.

To dial a number from the home screen, press number keys and ⓞ.

Press the *center key* ·◆· to open the main menu. *Soft key labels* show the current soft key functions. For soft key locations, see page 1.

Press the *navigation key* ·Ọ· up, down, left, or right in the home screen to open basic features. You can show or hide icons for these features in the home screen, and change the icons that are shown (for more information about changing icons in the home screen, see page 90).

Status indicators can show at the top of the home screen:

1 **Signal Strength Indicator –** Vertical bars show the strength of the network connection. You can't make or receive calls when $\mathbb{Y}$ or $\mathbb{Y}\varnothing$ shows.

2 **EDGE/GPRS Indicator –** Shows when your phone is using a high-speed *Enhanced Data for GSM Evolution* (EDGE) or *General Packet Radio Service* (GPRS) network connection. Indicators can include:

$\mathbf{\xi}$ EDGE connection	$\mathbf{N}$ GPRS connection
$\stackrel{\text{da}}{\text{da}}$ GPRS data service	cm GPRS data available
Ψ GPRS PDP context active	

3 **Data Indicator –** Shows connection status. The Bluetooth™ indicator $\mathbf{\Theta}$ shows when your phone is connected with another device. Other indicators can include:

$\mathbf{\Xi}$ secure data transfer	$\mathbf{\Xi}$ unsecure data transfer
$\mathbf{\Phi}$ secure connection	$\mathbf{\Phi}$ unsecure connection
$\mathbf{\Xi}$ secure *Circuit Switch Data* (CSD) call	$\mathbf{\Xi}$ unsecure CSD call

4 Roam Indicator – The roam indicator ▲ shows when your phone is seeking or using a network outside your home network.

5 Active Line Indicator – Shows 📶 to indicate an active call, or ↩ to indicate when call forwarding is on. Indicators for a dual-line-enabled SIM card can include:

C1 line 1 active   Cᵣ line 1 call forward on

C2 line 2 active   Cᵣ line 2 call forward on

When push to talk (PTT) service is available on your phone, indicators show when you can make and receive PTT calls (⧉) or both PTT calls and Instant Messages (⧉⧉).

6 Messaging Presence Indicator – Shows when instant messaging (IM) is active. Indicators can include:

☺→ IM active   ☺∅ invisible to IM

☺● busy

The Java™ indicator ♻ shows when a Java application is active.

7 Message Indicator – Shows when you receive a new message. Indicators can include:

✉ text message   ▨▷ voice message
▨▷ voice & text message   ▤ IM message

basics   **47**

8 Location Indicator – Shows when your phone can send location information 🖐 or not 🕇.

9 Ring Style Indicator – Shows the ring style setting.

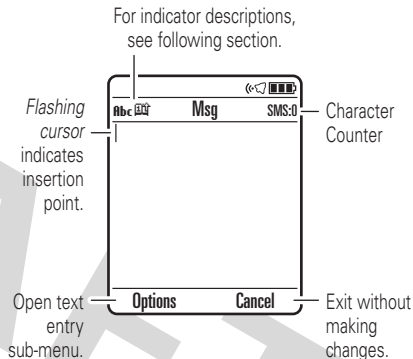|	
loud ring	soft ring
vibrate	vibrate & ring
vibrate then ring	silent

10 Battery Level Indicator – Vertical bars show the battery charge level. Recharge the battery when your phone shows Low Battery.

text entry

Some features let you enter text.

For indicator descriptions, see following section.

Flashing cursor indicates insertion point.

Character Counter

Open text entry sub-menu. **Options**

Cancel Exit without making changes.

Press # in a text entry screen to select an entry mode:

entry modes

ꇩ or 1	Your **Primary** text entry mode can be set to any iTAP™ mode (indicated by ꇩ) or tap mode (indicated by 1).
ꇩ or 2	Your **Secondary** text entry mode can be set to **None**, or set to an iTAP mode (indicated by ꇩ) or tap mode (indicated by 2).
123	**Numeric** mode enters numbers only.
@	**Symbol** mode enters symbols only.

To set your primary and secondary text entry modes, press **Options > Text Setup** in a text entry screen, then select **Primary Setup** or **Secondary Setup**.

iTAP™ and Tap mode tips

- Press 0 in a text entry screen to change text case to no capital letters (abc), next letter capital (Abc with ꇩ, ꇩ, 1, or 2), or all capitals (ABC with ꇩ, ꇩ, 1, or 2).

- To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP or Tap mode.

- Press 1 to enter punctuation or other characters.

- Press ·Ó· to move the flashing cursor to enter or edit message text.

- Press C to delete the character to the left of the cursor. Hold C to delete the word.

- To cancel your message, press ⌾.

iTAP™ mode

Press # in a text entry screen to switch to iTAP mode. If you don't see 🖳 or 🖳, press **Options** > **Text Setup** to set iTAP mode as your primary or secondary text entry mode.

iTAP mode lets you enter words using one keypress per letter. The iTAP software combines your keypresses into common words, and predicts each word as you enter it.

For example, if you press 7 7 6 4, your display shows:

Press ·Ŏ· right to accept **Program**.

Press and hold ·Ŏ· up/down to see a list of word options.

Open text entry sub-menu.

```
┌─────────────────────────┐
│ Ⓨⅷ🗲        «🖵💶        │
│ abc🖳    Msg      SMS:7  │
│ Program▸                │
│  ▾                      │
│                         │
│                         │
│                         │
│                         │
│  Options        Cancel  │
└─────────────────────────┘
```

Press ·Ŏ· up/down to see other possible word completions.

Cancel current word completion.

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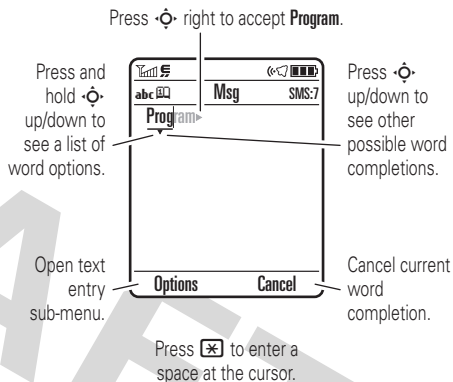
If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining characters.

50   basics

Tip: Don't worry if you forget how iTAP works. In a text entry display, you can press **Options** > **Text Setup** > **Text Tutorial** to see an explanation.

tap and tap extended modes

Press *#* in a text entry screen to switch to tap mode. If you don't see **1** or **2**, press **Options** > **Text Setup** to set tap or tap extended as your primary or secondary text entry mode.

To enter text in **Tap** mode, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter. The **Tap Extended** mode works the same way, but includes more special characters and symbols.

For example, if you press *7* one time, your display shows:

Character displays at insertion point.

Open message options sub-menu.

abc 2   Msg   SMS:4

Pl|age

Options   **Send To**

Your phone might suggest a word. Press ·Ò· right to accept it, or press *‼* to enter a space at the cursor.

Press to enter message recipients.
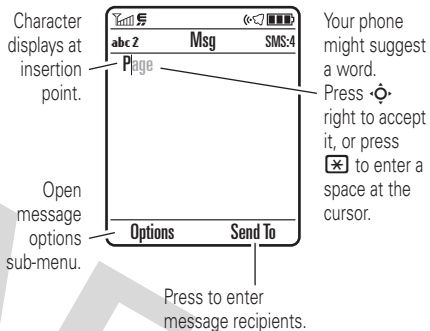
The first character of every sentence is capitalized. If necessary, press ·Ò· down to change the character to lowercase before the cursor moves to the next position.

numeric mode

Press # in a text entry screen until you see 123. Press the number keys to enter the numbers you want.

Shortcut: You can press and hold a number key to temporarily switch to numeric mode from iTAP or Tap modes. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP mode.

symbol mode

Press # in a text entry screen until you see @. Press a keypad key to show its symbols at the bottom of the display. Scroll to the symbol you want, then press the center key $\cdot\dot\bullet\cdot$.

volume

Press the volume keys to:

• turn off an incoming call alert

• change the earpiece volume during a call

• change the ringer volume from the home screen
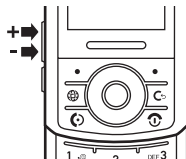
Tip: Sometimes, silence really is golden. That's why you can quickly set your ringer to **Vibrate** or **Silent** by repeatedly pressing the down volume key in the home screen. You also can switch to **Silent** or back by holding # in the home screen.

navigation key

Press the navigation key $\dot{\Diamond}$ up, down, left, or right to scroll and highlight menu items. When you highlight something, press the center key $\dot{\bullet}$ to select it.

smart key

The smart key gives you another way to do things. For example, when you scroll to a menu item, you can press the smart key to select it (instead of pressing the center key $\dot{\bullet}$). To change what the smart key does in the home screen, see page 90.
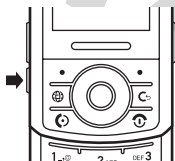
voice commands

You can use voice commands to tell your phone what to do.

1 Press and release the *voice command key* on the right side of the phone.

Your phone says "Say a command."

2 Say a voice command from the list (replace *555-1212* with a phone number, and replace *John Smith* with a phonebook entry name):

voice commands
"**Call** *555-1212*"
"**Call** *John Smith*"
"**Send Email** *John Smith*"
"**Send Voice Note** *555-1212*"
"**Send Voice Note** *John Smith*"
"**Send Message** *555-1212*"

voice commands
"**Send Message** *John Smith*"
"**Lookup** *John Smith*"
"**PTT Connect** *John Smith*"
"**Go to Voicemail**"
"**Go to Camera**"
"**Go to Redial**"
"**Go to Received Calls**"
"**Check Status**"
Your phone tells you its battery strength, network signal strength, and whether its coverage is normal or roaming.
"**Check Battery**"
"**Check Signal**"
"**Check Network**"
"**Check My Phone Number**"

voice commands
"**Turn Prompts Off**"
Your phone turns off the sound on your voice command prompts (such as "Say a command."). To turn prompts on again, say "**Turn Prompts On**." Your phone confirms by saying "Voice prompts on."

Tips:

- You can say a phonebook entry's name and number type together. For example, say "Call John Smith Mobile" to call the Mobile number stored for John Smith.

- Speak numbers at a normal speed and volume, pronouncing each digit distinctly. Don't pause between digits.

• For voice command help, press the voice command key k, then press the **Help** key.

voice command setup

You can change voice command settings.

1 Press and release the voice command key k on the right side of the phone.

2 Press the **Settings** key.

3 Choose one of the settings below:

voice command settings	
Choice Lists	Turn choice lists on or off. Your phone uses choice lists to confirm voice commands by asking "Did you say..." followed by a choice list item.

voice command settings	
Sensitivity	Make your phone more or less likely to reject a voice command.
Digit Dialing	Train your phone to recognize how you say digits.
Sound	Adjust the sound settings for your voice commands.
About	See voice command software information.

talking phone

You can set your phone to recite incoming caller ID information, read the names of entries in your phonebook, and recite the key digits as you press keypad keys.

Find it: s > w Settings > Personalize > Sound Settings

handsfree speaker

You can use your phone's handsfree speaker to make calls without holding the phone to your ear.

During a call, press the **Speaker** key to turn the handsfree speaker on or off. Your display shows **Spkrphone On** until you turn it off or end the call.

Notes:

- The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, 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.

- The handsfree speaker won't work when your phone is connected to a handsfree car kit or headset.

codes & passwords

Your phone's four-digit **unlock code** is originally set to **1234**. The six-digit **security code** is originally set to **000000**. If your service provider didn't change these codes, you should change them:

Find it: s > ☷ **Settings** > **Security** > **New Passwords**

You can also change your **SIM PIN** codes or call barring password.

If you forget your unlock code: At the **Enter Unlock Code** prompt, try entering **1234** or the **last four digits** of your phone number. If that doesn't work, press the center key s and enter your six-digit security code instead.

If you forget other codes: If you forget your security code, SIM PIN code, PIN2 code, or call barring password, contact your service provider.

lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the four-digit unlock code.

To **manually lock** your phone: Press
·�· > ☷ Settings > Security > Phone Lock > Lock Now.

To **automatically lock** your phone whenever you turn it off: Press ·�· > ☷ Settings > Security > Phone Lock > Automatic Lock > On.

Note: You can make emergency calls on a locked phone (see page 65). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

customize

ring tone profiles

Each ring tone profile uses a different set of ringtones or vibrations for incoming calls and other events. The **Silent** profile silences your phone until you set another ring style. The profile indicator shows at the top of the home screen:

△⁹⁾ **Loud**	△⁹ **Soft**
⅜⁣⁤ᖰ⁣⁤ᖰ **Vibrate**	⅜△⅜ **Vibe & Ring**
ᖰ△ **Vibe then Ring**	△⁵ᖱ **Silent**

To choose your profile:

Find it: ◆ > ᖱᖱᖱ Settings > Ring Tone > Style > style name

Shortcut: You can quickly set your ringer to **Vibrate** or **Silent** by repeatedly pressing the down volume key in the home screen (see illustration on page 52).

change profile settings

You can change the ringtones for incoming calls and other events. Your changes are saved in the current profile.

Note: You can't set a ringtone for the **Silent** profile.

Find it: ◆ > ᖱᖱᖱ Settings > Ring Tone > style name Detail

1 Scroll to **Calls** (or **Line 1** or **Line 2** for dual-line phones), then press the **Change** key to change it.

2 Scroll to the ringtone you want, then press the center key s.

time & date

Your phone can automatically update your time zone, time and date. It uses the time and date for the Datebook.

To **synchronize** the time zone, time, and date with the network: Press s > $\frac{m}{n}$ Settings > Initial Setup > Time and Date > Autoupdate > Time & Time Zone. If you don't want your phone to automatically update the time zone and date, choose Time Only instead.

To **manually** set the time zone, time, and date, turn off Autoupdate, then: Press s > $\frac{m}{n}$ Settings > Initial Setup > Time and Date > Time Zone, *time* or *date*. To jump to a city in

the time zone list, enter the first letter of its name by pressing keypad keys.

To choose an **analog or digital** clock for your home screen, press s > $\frac{m}{n}$ Settings > Personalize > Home Screen > Clock.

wallpaper

Set a photo, picture, or animation as a wallpaper (background) image in your home screen.

Find it: s > $\frac{m}{n}$ Settings > Personalize > Wallpaper

options	
Picture	Press Ó up or down to select a picture for your wallpaper image, or None for no wallpaper.

customize **59**

options	
Layout	Select **Center** to center the image in the display, **Tile** to repeat the image across the display, or **Fit-to-screen** to stretch the image across the display.

screen saver

Tip: This feature helps save your screen, but not your battery. To extend battery life, turn off the screen saver.

Find it: $\hat{\bullet}$ > $\stackrel{\text{\tiny B}}{\text{\tiny B}}$ Settings > Personalize > Screen Saver

options	
Picture	Press $\hat{\diamondsuit}$ up or down to select an image for your screen saver, or **None** for no screen saver.

options	
Delay	Select the length of inactivity before the screen saver shows in the display.

display appearance

To choose a phone **skin** that sets the look and feel of your phone's display: Press
$\hat{\bullet}$ > $\stackrel{\text{\tiny B}}{\text{\tiny B}}$ Settings > Personalize > Skin.

To set your display **brightness**: Press
$\hat{\bullet}$ > $\stackrel{\text{\tiny B}}{\text{\tiny B}}$ Settings > Initial Setup > Brightness.

To save battery life, the keypad **backlight** can turn off when you're not using your phone. The backlight turns back on when you open/close the slider or press any key. To set how long your phone waits before the backlight turns off:

Press $\hat{\bullet}$ > $\stackrel{\text{\tiny B}}{\text{\tiny B}}$ Settings > Initial Setup > Backlight.

Note: To turn the backlight on or off for Java™ applications, press $\hat{\bullet}$ > $\text{\textsterling}$ Settings > Java Settings > App Backlight.

To save battery life, the **display** can turn off when you're not using your phone. The display turns back on when you open/close the slider or press any key. To set how long your phone waits before the display turns off:

Press $\hat{\bullet}$ > $\text{\textsterling}$ Settings > Initial Setup > Display Timeout.

multi-key answer

You can use different ways to answer an incoming call. To activate or deactivate an answer option:

Find it: $\hat{\bullet}$ > $\text{\textsterling}$ Settings > In-Call Setup > Answer Options

options	
Multi-Key	Answer by pressing any key.
Delayed Answer	Set up your delayed answering option (see page 62).

customize 61

calls

To make and answer calls, see page 21.

turn off a call alert

Press the volume keys to turn off the ringer before answering a call.

delay answering

If you want to answer a call, but need to step outside first, you can delay answering the call.

When your phone rings, press the **Delay** key or the voice command key $\boxed{\bullet}$. Your phone stops ringing and plays a brief message for the caller, such as "Please hold, your call will

be answered in a moment." The call remains on hold until you press the **Talk** key.

To turn **Delayed Answer** on, or record your **Delayed Answer** message (up to 10 seconds), press $\boxed{\bullet}$ > $\boxed{\text{Settings}}$ > In-Call Setup > Answer Options > Delayed Answer.

recent calls

Your phone keeps lists of incoming and outgoing calls, even for calls that didn't connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

Shortcut: Press $\boxed{\odot}$ from the home screen to see the list of dialed calls.

Shortcut: In a numbered list (like the dialed calls and received calls lists), press a number key to highlight a listing.

Find it: $\dot{\bullet}$ > 🕾 Recent Calls, press ⭐ or #⃞ to select the Recent Calls, Dialed Calls, Received Calls, or Missed Calls list

Scroll to a call. A ✓ next to a call means the call connected.

- To call the number, press 🕾.

- To see call details (like time and date), press the *center key* $\dot{\bullet}$.

- Press Options to select recent calls options:

options	
Store	Create a phonebook entry with the number in the No. field.
Delete/ Delete All	Delete one or all entries in the list.

options	
Show ID/ Hide ID	Show or hide your caller ID for the next call.
Send Message	Open a new text message with the number in the To field.
Send Voice Msg	Start a voice recording that you can send to the number.
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 appears only during a call.
Talk then Fax	Talk and then send a fax in the same call (for more information, see page 94).
Filter by	Select dialed or received calls.

calls   63

options	
Notepad	Open the number in a text editor.
Call Times	Show call timers.
Data Times	Show data call timers.
Data Volumes	Show data volume meters.

redial

1 Press ⊙ from the home screen to see a list of recent calls.

2 Scroll to the entry you want to call, then press ⊙.

If you hear a **busy signal** and see Call Failed, you can press ⊙ or the Retry key to redial the number. When the call goes through, your phone rings or vibrates one time, shows Redial Successful, and connects the call.

return a call

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

1 When you see the X Missed Calls message, press the View key to see the received calls list.

2 Scroll to the call you want to return, then press ⊙.

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call in your external and internal displays.

Your phone shows the caller's name and picture when they're stored in your phonebook, or **Incoming Call** when caller ID information isn't available.

You can set your phone to play a different ringer ID for an entry stored in your phonebook (see page 80).

To show or hide **your phone number** for the next outgoing call, enter the phone number, then press Options > Hide ID/Show ID.

emergency calls

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.

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.

1 Press the keypad keys to dial the emergency number.

2 Press N to call the emergency number.

voicemail

Your network stores the voicemail
messages you receive. To listen to your
messages, call your voicemail number.

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

When you **receive** a voicemail message, your
phone shows the voicemail message
indicator ☑ and New Voicemail.

To **check** voicemail messages:

Find it: s > ☒ Messages > Voicemail

Your phone may prompt you to store your
voicemail phone number. If you don't know
your voicemail number, contact your service
provider

Note: You can't 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 **change** your voicemail number or turn off
voicemail notification, press s > ☒ Messages,
then press Options > Setup > Voicemail Setup.

push to talk (PTT)

Push to Talk (PTT) lets you talk walkie-talkie
style with other PTT subscribers. You can talk
to one person or a group.

PTT and the other related features
indicated are network and subscription
dependent features, and are not available in all
areas. PTT connectivity requires
PTT-compatible phones.

Note: To lock your PTT key or turn PTT on or
off, see page 71.

make a PTT call

When ![PTT icon] shows at the top of your home screen, you can make and receive PTT calls. To make a PTT call:

1 Enter a PTT subscriber's phone number in your home screen, or select a contact or group from a list:

- **PTT Contacts** (press the PTT key to open the list)

  Note: If you change your **Open To** setting, your PTT key does not open the contacts list (see page 71).

- **PTT Quick Group** (press the PTT key, then press **Options > Quick Group**). This lets you select more than one contact for the call.

- **PTT Groups** (press the PTT key, then press **Options > Go To Groups**).

2 Hold the PTT key and speak after you hear the tone. Release the PTT key to let others speak.

To speak during a PTT call, hold your PTT key and speak after the tone. Only one person can speak at a time.

To end the call, press ![end key]. If nobody speaks for 20 seconds, the call ends (actual timing varies between PTT servers).

To send a PTT alert instead of a standard PTT call, scroll to a PTT contact in **PTT Contacts** and press the **Alert** key. The contact's phone rings or vibrates, and the contact can speak first. If the contact does not respond, the call ends. You cannot send alerts to groups.

answer a PTT call

Note: Your phone cannot receive PTT calls while it is recording a video, and may not receive PTT calls while it is playing a video or some sound files. The PTT indicator ⊡ appears at the top of your display when you can receive PTT calls.

When you receive a PTT call, you hear a tone or alert followed by conversation from the caller.

• **To speak** when the caller stops speaking, hold your PTT key and speak after the tone. Only one person can speak at a time.

• **To end the call**, press ⊙.

If you change your My Answer Mode setting to Manual, your phone does not automatically answer as described (see page 71).

When you receive a PTT alert, press the PTT key and speak after the tone. You can also press the Ignore key to cancel the call.

Your phone shows Missed Call if you miss a PTT alert. It does not show Missed Call when you miss a standard PTT call unless you set My Answer Mode to Manual (see page 71).

send a picture with push to view (PTV)

You can send a picture with PTT. You can either send a picture in a PTT call, or you can open the picture and start a call.

Note: You cannot send pictures in group calls or while someone is speaking. You can send pictures only to phones with push to view (PTV) capability.

To send a picture during a PTT call, press Options, then select Camera to capture a new picture or Pictures to send a stored picture.

To send a stored picture, press s > ⒫ Multimedia > Pictures, scroll to the picture, and press the PTT key.

To take a photo and send it, press s > ⒫ Multimedia > Camera, Capture the photo, and press the PTT key.

Your phone plays a tone when the picture transfer completes. To speak after the picture transfers, hold the PTT key and speak after the tone.

PTT contacts and groups

You can store PTT Contacts to make one-to-one calls, or you can store PTT Groups to make group calls.

To store a contact, press the PTT key, then press Options > Add > New Contact. Enter the contact's Name and phone number (No.), then press the Done key. Your network stores the contact and your phone returns to the PTT Contacts list with the new contact shown.

To create a group of contacts that you can call at the same time, press the PTT key, then press Options > Go To Groups, then press Options > Add New Group. Enter the group's Name and select the Members, then press the Done key. Your network stores the group and your phone returns to the PTT Groups list with the new group shown.

To see PTT contacts, press the PTT key. Scroll to a contact and press Options to View, Edit, or Delete it.

Highlighted Contact

Press ·Ò· to scroll down to other options.

View PTT menu options.

Send a PTT alert to the highlighted contact.

PTT Contacts
- John Smith
- Lisa Owens
- Adda Thomas
- Jack Bradshaw
- Mary Smith
- Carlos Emrys
- Dave Thompson
- Lisa Owens

PTT Menu   Alert
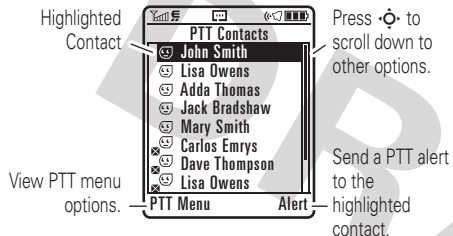
To see PTT groups, press the PTT key, then press Options > Go To Groups. Scroll to a group and press Options to View or Delete it. You cannot edit a group, but you can delete it and create a new one with the members you want.

Icons in the PTT contact and group lists indicate if someone is online (☺, ☻) or offline

(☺, ☻). They also tell you if a contact is blocked (☺).

To **block** a contact, scroll to the contact and press Options > Edit > Block Mode > On. To unblock the contact, scroll to it and press the Unblock key.

To set an **online alert** ☺ to tell you when a contact comes online, scroll to the contact, then press Options > Enable Online Alert. You can turn online alert tones on or off in your PTT Setup menu (see page 71).

To refresh the contact or group list from your network, press Options > Refresh List.

To see only your frequently used contacts or groups, press Options > Frequently Used.

PTT settings

To **turn PTT on or off** from your home screen, press $\hat{\mathbf{\bullet}}$ > $\mathbb{S}\mathbb{T}$ Settings > PTT Settings > PTT Service > On/Off.

To prevent accidental PTT calls, you can set your phone to **lock the PTT key** automatically when you haven't pressed it for a few minutes. Press $\hat{\mathbf{\bullet}}$ > $\mathbb{S}\mathbb{T}$ Settings > Security > Lock PTT Key, and select how long your phone should wait before it locks the key. To unlock the key, hold it for two seconds or open the phone. The PTT key unlocks when you receive a PTT call.

You can change your PTT menu and call preferences.

Find it: Press the **PTT key**. In the PTT Menu, select PTT Setup > Personalize

options	
Open To	From the home screen, the PTT key can open the PTT menu (PTT Menu), or your contacts list sorted by name (Contacts), or most recent call (Last Contact Call).
Sort by	Sort your contacts and groups by Name, online Status, or call Frequency.
My Answer Mode	Set the mode for incoming PTT calls to Manual (press the PTT key to answer), Auto-Accept (standard mode that accepts all calls), or Do Not Disturb (accepts no calls).
Tone Volume	Set the volume for the tone you hear when it is your turn to speak.

calls 71

options	
PTT Speaker	Turn the speakerphone **On** or **Off** for PTT calls.
Set Online Alert Tone	You can set an online alert to tell you when a contact or group comes online (scroll to the entry in your **PTT Contacts** or **PTT Groups**, then press **Options** > **Enable Online Alert**).
	This setting tells your phone whether to play these alert tones (**On**) or not (**Off**).

other features

advanced calling

To use voice commands for calling, see page 53.

features

speed dial

To speed dial a phonebook entry or fixed dial number, press and hold its single-digit speed dial key for one second.

To **assign** a speed dial key to a phonebook entry, see page 79.

features

set speed dial list

You can set speed dial to call the entries in your phonebook or your fixed dial list: Press $\hat{\bullet}$ > $\overset{\text{\tiny M}}{\mathbb{H}\mathbb{H}}$ Settings > Initial Setup > Speed Dial > Phone Memory or Fixed Dial.

attach a phone number

Dial an area code or prefix for a phonebook number, then press Options > Attach Number.

features

notepad

The last number you entered is stored in the *notepad*. You can use the notepad to "jot down" a number during a call for later use. To see the notepad:

Press $\cdot\dot{\bullet}\cdot$ > ₰ **Recent Calls**, then press **Options** > **Notepad**.

- To call the number, press $\textcircled{c}$.

- To create a phonebook entry with the number in the **No.** field, press the **Store** key.

- To open the **Dialing Menu** to attach a number or insert a special character, press **Options**.

features

international calls

If your phone service includes international dialing, press and hold $\boxed{0}$ to insert your local international access code (indicated by +). Then, press the keypad keys to dial the country code and phone number.

hold a call

Press **Options** > **Hold** to put all active calls on hold.

mute a call

Press the **Mute** key (if available) or **Options** > **Mute** to put all active calls on mute.

features
call waiting $\mathcal{P}_{A}$
When you're on a call, you'll hear an alert if you receive a second call.
Press ☏ to answer the new call.
• To switch between calls, press the Switch key.
• To connect the two calls, press the Link key.
• To end the call on hold, press Options > End Call On Hold.
To turn the call waiting feature on or off, press ·◈· > ‡‰ Settings > In-Call Setup > Call Waiting > On or Off.

features
conference call $\mathcal{P}_{A}$
During a call:
Dial next number, press ☏, press the Link key.
transfer a call $\mathcal{P}_{A}$
During a call:
Press Options > Transfer, dial transfer number, press ☏.
call forwarding $\mathcal{P}_{A}$
Set up or cancel call forwarding:
·◈· > ‡‰ Settings > Call Forward
call barring $\mathcal{P}_{A}$
Restrict outgoing or incoming calls:
·◈· > ‡‰ Settings > Security > Call Barring

other features—advanced calling   **75**

features
TTY calls ⒜
Set up your phone for use with an optional TTY device:
$\hat{\bullet}$ > $\text{\footnotesize ₿}$ Settings > Initial Setup > TTY Setup
change phone line ⒜
If you have a dual-line-enabled SIM card, you can change your line to make and receive calls from your other phone number.
$\hat{\bullet}$ > $\text{\footnotesize ₿}$ Settings > Phone Status > Active Line
The active line indicator shows the active phone line (see illustration on page 47).

features
fixed dial ⒜
When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.
Note: You must enter your SIM PIN2 code to turn fixed dialing on or off. If you forget your PIN2 code, contact your service provider.
Turn fixed dialing on or off:
$\hat{\bullet}$ > $\text{\footnotesize ₿}$ Settings > Security > Fixed Dial
Use the fixed dial list:
$\hat{\bullet}$ > $\text{\footnotesize ₲}$ Tools > Dialing Services > Fixed Dial
service dial ⒜
Dial service phone numbers stored by your service provider:
$\hat{\bullet}$ > $\text{\footnotesize ₲}$ Tools > Dialing Services > Service Dial

features
quick dial   ✆⒜
Dial phone numbers stored by your service provider:
$\hat{\bullet}$ > 🛠 Tools > Dialing Services > Quick Dial
Edit the quick dial list:
$\hat{\bullet}$ > 🗒 Settings > Personalize > Quick Dial
DTMF tones
Activate DTMF tones:
$\hat{\bullet}$ > 🗒 Settings > Initial Setup > DTMF
To send DTMF tones during a call, just press number keys, or scroll to a number in the phonebook or recent calls lists, then press Options > Send Tones.

phonebook

Note: Your phonebook can show the entries stored in phone memory or on the SIM card. To choose which entries you see, press $\hat{\bullet}$ > 🖾 Phonebook, then press Options > View. You can select Phone & SIM Card, SIM Card, or Phone Contacts.

features
store an email address
Note: To store an email address with a phonebook entry, you must store the entry in phone memory. Entries stored on the SIM card can contain only Name and Number information.
$\hat{\bullet}$ > 🖾 Phonebook, press Options > Create New > Phone Contact. Enter a name, Email address, other details as needed. Press Done to store the entry.

other features—phonebook   **77**

features
send email to a phonebook entry
Note: The phonebook entry must be stored in phone memory, and an **Email** address must be stored with the entry.
$\hat{\bullet}$ > 🖾 **Phonebook**, scroll to the entry, press **Options** > **Send Email**.

features
add numbers/addresses for an entry
Store additional phone numbers or email addresses for an entry:
$\hat{\bullet}$ > 🖾 **Phonebook**, scroll to the entry, press **Options** > **Edit Contact**, press **Options** > **Add Number** or **Add Email**.
Note: This option isn't available for entries stored on the SIM card.

features
see numbers/addresses for an entry
See the other numbers and/or email addresses for an entry with multiple numbers/addresses:
$\hat{\bullet}$ > 🖾 **Phonebook**, scroll to the entry, press $\hat{\diamond}$ left or right to see the other numbers and email addresses stored for the entry.
Note: This option isn't available for entries stored on the SIM card.

features

assign a speed dial key to a phonebook entry

You can assign keys 1 through 9 to phonebook entries. Then, when you press and hold a key, your phone calls the entry.

Note: Your service provider might have assigned some keys, such as 1 for your voicemail number.

To **assign a speed dial key**, press ·�· > @ Phonebook, scroll to the phonebook entry, then press Options > Add to Speed Dial and pick a speed dial key.

edit the speed dial list

To add or delete phonebook entries from the speed dial list:

·�· > @ Phonebook, then press Options > Manage Contacts > Speed Dial.

features

edit or delete an entry

Press ·�· > @ Phonebook, scroll to the phonebook entry, then press Options. You can select Edit Contact, Delete Contact, or other options.

Shortcut: In the phonebook, press keypad keys to enter the first letters of an entry you want. You can also press * and # to see the entries you use frequently, or entries in other categories.

features
set ringer ID for entry
Assign a different ring alert (ringer ID) to an entry:
$\hat{\bullet}$ > $\boxed{\odot}$ Phonebook > *entry*, then press Options > Edit Contact > Ringer ID > *ringer name*
Note: The Ringer ID option isn't available for entries stored on the SIM card.
To activate ringer IDs:
$\hat{\bullet}$ > $\boxed{\text{☷}}$ Settings > Ring Tone > *style* Detail > Ringer IDs

features
set picture ID for entry
Assign a picture to show in the display when you receive a call from an entry:
$\hat{\bullet}$ > $\boxed{\odot}$ Phonebook > *entry*, then press Options > Edit Contact > Picture > *picture name*
Note: The Picture option isn't available for entries stored on the SIM card.
set picture ID view
Show phonebook entries as a text list, or with picture caller ID photos:
$\hat{\bullet}$ > $\boxed{\odot}$ Phonebook, then press Options > Setup > View by > List or Picture

features
assign entry to category
$\cdot \hat{\bullet} \cdot > \boxed{\bigcirc}$ Phonebook > *entry*, then press Options > Edit Contact > Category > *category name*
Note: The Category option isn't available for entries stored on the SIM card.
Shortcut: When you open your phonebook, press $\boxed{*}$ or $\boxed{\#}$ to see your categories.
set category view
$\cdot \hat{\bullet} \cdot > \boxed{\bigcirc}$ Phonebook, then press Options > Filter by > Category > *category name*
You can show All entries, entries in a predefined category (Business, Personal, General, VIPs), or entries in a category you create.
Shortcut: When you open your phonebook, press $\boxed{*}$ or $\boxed{\#}$ to see your categories.

features
create a new category
$\cdot \hat{\bullet} \cdot > \boxed{\bigcirc}$ Phonebook, then press Options > Manage Contacts > Edit Phone Categories > [New Category]
Enter the category name, and select its members from your phonebook entries.
edit a category
$\cdot \hat{\bullet} \cdot > \boxed{\bigcirc}$ Phonebook, then press Options > Manage Contacts > Edit Phone Categories
Scroll to the category name, then press Options > Edit Phone Categories.
You can edit the category name, members, ringer ID, or picture. Your phone uses the ringer ID and picture whenever you receive calls from numbers in the category.

features
create group mailing list
You can put several phonebook entries in a group mailing list, then send a message to the list. To create a list:
$\hat{\bullet}$ > $\boxed{c}$ Phonebook, then press Options > Create New > Message List
You can select the list name as an address for multimedia messages.
Note: A Message List cannot include entries stored on the SIM card.
sort phonebook list
Set the order in which entries are listed:
$\hat{\bullet}$ > $\boxed{c}$ Phonebook, then press Options > Setup > Sort by > sort order
You can sort the phonebook list by First Name or Last Name.

features
copy one phonebook entry
Copy an entry from the phone to the SIM card, or from the SIM card to the phone:
Press $\hat{\bullet}$ > $\boxed{c}$ Phonebook, scroll to the entry, then press Options > Copy to SIM Card or Copy to Phone.
copy multiple entries
Copy multiple phonebook entries between the phone and SIM card:
Press $\hat{\bullet}$ > $\boxed{c}$ Phonebook, scroll to one entry, press Options > Select Multiple to, then select Copy Phone to SIM or Copy SIM to Phone

features
send phonebook entry in a multimedia message
Send a phonebook entry in a multimedia message:
$\hat{\blacklozenge}$ > 🔲 **Phonebook**, scroll to the entry, then press **Options** > **Send Contact** > **Multimedia Msg**
send phonebook entry in an email message
Send a phonebook entry in an email message:
$\hat{\blacklozenge}$ > 🔲 **Phonebook**, scroll to the entry, then press **Options** > **Send Contact** > **Email**

features
send phonebook entry to another device
Send a phonebook entry to another phone or computer that supports Bluetooth™ connections:
$\hat{\blacklozenge}$ > 🔲 **Phonebook**, scroll to the entry, then press **Options** > **Send Contact** > **Bluetooth**
For more information about Bluetooth connections, see page 34.

features

print phonebook entry over a Bluetooth™ connection

You can use a Bluetooth wireless connection to send a phonebook entry from your phone to a printer.

$\hat{\bullet}$ > c Phonebook

Scroll to the entry you want to print, then press Options > Print.

You can't print a Mailing List. For more information about Bluetooth connections, see page 34.

messages

For basic text messaging features, see page 38.

features	
send text message	🄰
$\hat{\bullet}$ > ✉ Messages > Create Message	
send email	🄰
$\hat{\bullet}$ > ✉ Messages > Create Message > New Email	

features

send voice message

$\cdot\hat{\bullet}\cdot > \boxdot$ Messages > Create Message
> New Voice Msg

To record the voice message, press the Record key, speak, then press the Stop key. Your phone inserts the voice recording into a message and lets you enter email addresses or phone numbers to receive the message.

use a multimedia template

Open a multimedia template with preloaded media:

$\cdot\hat{\bullet}\cdot > \boxdot$ Messages > Templates
> Multimedia Templates

features

read and manage messages

$\cdot\hat{\bullet}\cdot > \boxdot$ Messages > Message Inbox

Icons next to each message indicate if it is read $\boxdot$ or unread $\boxdot$. Icons can also indicate if the message is locked $\textbf{d}$, urgent !, or low priority ↓, or if it has an attachment $\textbf{П}$.

To Reply, Forward, Lock, or Delete a message, scroll to it and press Options.

To open a message, press $\cdot\hat{\bullet}\cdot$. Then, you can press Options to use or store any phone numbers, email addresses, Web sites, or files in the message.

other features—messages   **85**

features
read and manage email ⊕(A)
·●· > ☑ Messages > Email Msgs
To Reply, Forward, Lock, or Delete a message, scroll to it and press Options.
To open a message, press ·●·. Then, you can press Options to use or store any phone numbers, email addresses, Web sites, or files in the message.
store message objects ⊕(A)
Go to a multimedia message page, or scroll to an object in a message, then press Options > Store.

features
print message over a Bluetooth™ connection ⊕(A)
You can use a Bluetooth wireless connection to send a message from your phone to a printer.
·●· > ☑ Messages > Message Inbox, Email Msgs, Outbox, or Drafts
Scroll to the message you want to print, then press Options > Print.
You can't print message Templates. For more information about Bluetooth connections, see page 34.

features

store text messages on your SIM card $\text{\textcircled{A}}$

To store incoming text messages on your SIM card, press:

$\dot{\bullet}$ > ⊠ **Messages**, then press
Options > **Setup**> **Message Setup** > **Text Msg Setup** > **Default Storage** > **SIM Card**

features

edit email settings $\text{\textcircled{A}}$

You can edit the settings for your Email connections. To use email, you need to store your email **User ID** and **Password**.

$\dot{\bullet}$ > ⊠ **Messages**, then press
Options > **Email Msg Setup** > **Account Settings**

If you have more than one email account, select an account to edit.

Your phone shows a list of email settings. Here is where you store your email **User ID** and **Password**.

Note: To create a new account, select **New Entry** in the **Account Settings** list. Your display shows a folder for each email account under
$\dot{\bullet}$ > ⊠ **Messages** > **Email Msgs**.

features
browser messages $\overset{\oplus}{\mathrm{A}^{\flat}}$
Read messages received by your micro-browser:
$\hat{\bullet}$ > ⊠ Messages > Browser Msgs
info services $\overset{\oplus}{\mathrm{A}^{\flat}}$
Read subscription-based information services messages:
$\hat{\bullet}$ > ⊠ Messages > Info Services

instant messaging

features
log in $\overset{\oplus}{\mathrm{A}^{\flat}}$
$\hat{\bullet}$ > ⍟ Tools > IM
Select an IM account, or select [New Account] to set up an IM account.

features
log in automatically $\overset{\oplus}{\mathrm{A}^{\flat}}$
$\hat{\bullet}$ > ⍟ Tools > IM, then press Options > Offline Settings
Turn on Auto-Login to start the IM login whenever you select $\hat{\bullet}$ > ⍟ Tools > IM. Turn on Power-On Login to start the IM login whenever you turn on your phone.
set IM ring style $\overset{\oplus}{\mathrm{A}^{\flat}}$
Select a ring or vibration for new IM messages and contact alerts.
$\hat{\bullet}$ > ⚙ Settings > Ring Tone > *style* Detail > IM

personalize

features

language

Set menu language:

$\hat{\bullet}$ > ᠍᠍ Settings > Initial Setup > Language

scroll

Set the scroll bar to scroll Up/Down or Wrap Around in menu lists:

$\hat{\bullet}$ > ᠍᠍ Settings > Initial Setup > Scroll

activate ringer IDs

Activate ringer IDs assigned to phonebook entries and categories:

$\hat{\bullet}$ > ᠍᠍ Settings > Ring Tone > *style* Detail > Ringer IDs

features

ring volume

$\hat{\bullet}$ > ᠍᠍ Settings > Ring Tone > *style* Detail > Ring Volume

keypad volume

$\hat{\bullet}$ > ᠍᠍ Settings > Ring Tone > *style* Detail > Key Volume

reminders

Set reminder alerts for messages that you receive:

$\hat{\bullet}$ > ᠍᠍ Settings > Ring Tone > *style* Detail > Reminders

clock view

Show an analog or digital clock in the home screen:

$\hat{\bullet}$ > ᠍᠍ Settings > Personalize > Home Screen > Clock

features

menu view

Show the main menu as graphic icons or as a text-based list:

$\hat{\bullet}$ > $\boxed{\boxtimes}$ Settings > Personalize > Main Menu > View

main menu

Reorder your phone's main menu:

$\hat{\bullet}$ > $\boxed{\boxtimes}$ Settings > Personalize > Main Menu > Reorder

show/hide feature icons

Show or hide feature icons in the home screen:

$\hat{\bullet}$ > $\boxed{\boxtimes}$ Settings > Personalize > Home Screen > Home Keys > Icons

Note: You can press $\hat{Q}$ up, down, left, or right to select the features in the home screen even when the icons are hidden.

features

change feature icons & home keys

Change feature icons, soft key labels, and smart key function in the home screen:

$\hat{\bullet}$ > $\boxed{\boxtimes}$ Settings > Personalize > Home Screen > Home Keys

master reset

Reset all options **except** unlock code, security code, and lifetime timer:

$\hat{\bullet}$ > $\boxed{\boxtimes}$ Settings > Initial Setup > Master Reset

features
master clear
Caution: Master clear **erases all information you have entered** (including phonebook and datebook entries) **and content you have downloaded** (including photos and sounds) stored in your phone's memory. After you erase the information, you can't recover it.
$\dot{\mathbf{\Phi}}$ > $\overline{\mathbb{B}\mathbb{X}}$ Settings > Initial Setup > Master Clear

call times & costs

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 $\boxed{\circledcirc}$. 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.

features	
call times	$\binom{\mathfrak{D}}{A}$
Show call timers:	
$\dot{\mathbf{\Phi}}$ > $\overline{\mathbb{B}}$ Recent Calls, then press Options > Call Times	
in-call timer	$\binom{\mathfrak{D}}{A}$
Show time or cost information during a call:	
$\dot{\mathbf{\Phi}}$ > $\overline{\mathbb{B}\mathbb{X}}$ Settings > In-Call Setup > In-Call Timer	

features	
call cost $\overset{\mathbf{+}}{\mathbf{A}^{\mathbf{n}}}$	
Show call cost trackers:	
$\hat{\boldsymbol{\cdot}} >$ 🕮 Recent Calls, then press Options > Call Cost	
credit info (prepay option) $\overset{\mathbf{+}}{\mathbf{A}^{\mathbf{n}}}$	
Show credit information:	
$\hat{\boldsymbol{\cdot}} >$ 🕮 Settings > Phone Status > Credit Info	
credit available (advice of charge option) $\overset{\mathbf{+}}{\mathbf{A}^{\mathbf{n}}}$	
Show credit available:	
$\hat{\boldsymbol{\cdot}} >$ 🕮 Settings > Phone Status > Credit Available	
call cost setup $\overset{\mathbf{+}}{\mathbf{A}^{\mathbf{n}}}$	
Set a credit limit:	
$\hat{\boldsymbol{\cdot}} >$ 🕮 Settings > In-Call Setup > Call Cost Setup	

features	
data times $\overset{\mathbf{+}}{\mathbf{A}^{\mathbf{n}}}$	
Show data call timers:	
$\hat{\boldsymbol{\cdot}} >$ 🕮 Recent Calls, then press Options > Data Times	
data volumes $\overset{\mathbf{+}}{\mathbf{A}^{\mathbf{n}}}$	
Show data volume meters:	
$\hat{\boldsymbol{\cdot}} >$ 🕮 Recent Calls, then press Options > Data Volumes	

handsfree

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, 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.

features

speakerphone 📇

Activate a connected external speakerphone during a call:

Press the **Speaker** key (if available), or press **Options** > **Spkrphone On**.

auto answer (car kit or headset) 📇

Automatically answer calls when connected to a car kit or headset:

$\hat{\bullet}$ > ß^{8} **Settings** > **Car Settings** or **Headset** > **Auto Answer**

auto handsfree (car kit) 📇

Automatically route calls to a car kit when connected:

$\hat{\bullet}$ > ß^{8} **Settings** > **Car Settings** > **Auto Handsfree**

features

power-off delay (car kit) (A)

Set the phone to stay on for a specified time after the ignition is switched off:

$\hat{\bullet}$ > ß^{8} **Settings** > **Car Settings** > **Power-Off Delay**

charger time (car kit) (A)

Charge the phone for a specified time after the ignition is switched off:

$\hat{\bullet}$ > ß^{8} **Settings** > **Car Settings** > **Charger Time**

other features—handsfree   93

data & fax calls

To connect your phone with a USB cable, see page 42.

features
send data or fax 🕭 Connect your phone to the device, then place the call through the device application.
receive data or fax 🕭 Connect your phone to the device, then answer the call through the device application.
talk then fax 🕭 Connect your phone to the device, enter fax number, press **Options** > **Talk then Fax**, then press 🔘 to make the call.

features
use MOTOSYNC 🕭 You can call a SyncML Internet server and synchronize your phonebook and datebook entries with the server. To **set up** an Internet sync partner, press ·✦· > ☷ **Settings** > **Connection** > **MOTOSYNC** > **Sync** > **[New Entry]**. Enter the server details, including **Server URL** (you can omit **http://**) and **Data Path** (the folder below the URL where your data is stored). To **synchronize files** with a partner you set up, select the partner from the list in ·✦· > ☷ **Settings** > **Connection** > **MOTOSYNC** > **Sync**.

features

set up Exchange ActiveSync

You can use the Internet to synchronize your phone's phonebook and datebook entries with an email account on a Microsoft® Exchange 2003 server.

You need to know the email account's **user name** and **password**, the Microsoft® Exchange **server name**, and the **user domain name**. Confirm that the **Mobility** option is enabled on the email account, and that **data service** is activated with your phone service provider.

To **set up** an ActiveSync partner, press `•` > `Settings` > `Connection` > `MOTOSYNC` > `Exchange`, then press `Options` > `Setup`. Enter the server details, including `Server Name`, `Domain`, and the `Web Session` to use. To set up a `Web Session`, see page 101.

features

use Exchange ActiveSync

Once you set up an Exchange ActiveSync partner, you can schedule your phone to synchronize with the account automatically.

To **schedule** synchronization, press `•` > `Settings` > `Connection` > `MOTOSYNC` > `Exchange`, then press `Options` > `Auto Sync Setup`. Enter the time and days you want your phone to synchronize.

network

features

network settings (⁺ₐᵇ)

See network information and adjust network settings:

·●· > ⫷⫸ Settings > Network

software update (⁺ₐᵇ)

Your service provider can send updated phone software over the air to your phone. When your phone receives a software update, you can install it immediately, or choose to defer installation until later. To install a deferred software update:

·●· > ⫷⫸ Settings > Phone Status > Software Update > Install Now

personal organizer

features

set alarm

·●· > ⫸ Tools > Alarm Clock

turn off alarm

When an alarm sounds:

To turn off the alarm, press the Disable key or ⎙.

To set an eight minute delay, press the Snooze key.

Note: The Snooze key is available only if the phone is already powered on when the alarm sounds.

add new datebook event

Press ·●· > ⫸ Tools > Datebook, scroll to the day, press ·●· > [Create New Event].

features

see or edit datebook event

To **see** event details, press $\cdot\hat{\bullet}\cdot$ > $\textcircled{\tiny B}$ Tools > Datebook, scroll to the day, press $\cdot\hat{\bullet}\cdot$, scroll to the event, press $\cdot\hat{\bullet}\cdot$.

To **edit** an event, scroll to the event, then press Options > Edit.

datebook event reminder

When the display shows an event reminder:

To see reminder details, press the View key.

To close the reminder, press the Exit key.

send datebook event to another device

Send a datebook event to another phone, computer, or device:

Press $\cdot\hat{\bullet}\cdot$ > $\textcircled{\tiny B}$ Tools > Datebook, scroll to the day, press $\cdot\hat{\bullet}\cdot$, scroll to the event, then press Options > Send.

features

print datebook month, week, or day

Send a datebook month, week, or day to a printer that supports Bluetooth™ connections:

$\cdot\hat{\bullet}\cdot$ > $\textcircled{\tiny B}$ Tools > Datebook

Go to the month, week, or day view, then press Options > Print.

For more information about Bluetooth connections, see page 34.

features
create voice record
Press and hold the voice command key, speak into the phone, release voice command key.
Note: Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations. Always obey the laws and regulations on the use of this feature.
play voice record
Play back a voice record:
Press $\hat{\bullet}$ > ⚏ Multimedia > Voice Records, then press Options > Go To Voice Records > *voice record*
calculator
$\hat{\bullet}$ > ⚏ Tools > Calculator

features
currency converter
Press $\hat{\bullet}$ > ⚏ Tools > Calculator, then press Options > Exchange Rate
Enter exchange rate, press the OK key, enter amount, then press Options > Convert Currency.
world clock $\quad$ 🅐
To **see** the current time for multiple cities around the world, press $\hat{\bullet}$ > ⚏ Tools > World Clock.
To **adjust** world clock options, press the Options key.

security

features

SIM PIN

Caution: If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled, and your display shows **SIM Blocked**.

Lock or unlock the SIM card:

$\hat{\bullet} > \text{Ⅰ⅋}$ Settings > Security > SIM PIN

lock application

$\hat{\bullet} > \text{Ⅰ⅋}$ Settings > Security > Lock Application

features

manage certificates

Enable or disable Internet access certificates stored on your phone:

$\hat{\bullet} > \text{Ⅰ⅋}$ Settings > Security > Certificate Mgmt

Certificates are used to verify the identity and security of Web sites when you download files or share information.

fun & games

features

view, delete, or manage pictures

$\hat{\bullet} > \text{\textcircled{э}}$ Multimedia > Pictures

Press **Options** > **Manage** to **Delete**, **Move**, **Copy**, or **Rename** a photo, picture, or animation.

features
view, delete, or manage videos
$\cdot\hat{\bullet}\cdot$ > 🔁 Multimedia > Videos
Press Options > Manage to Delete, Move, Copy, or Rename a video.
listen to, delete, or manage music & sound files
Manage music, ringtones, and voice records that you have composed or downloaded:
$\cdot\hat{\bullet}\cdot$ > 🔁 Multimedia > Music
Press Options > Manage to Delete, Move, Copy, or Rename a sound file.
Note: Your phone can't receive PTT calls or data over an EDGE network while it is playing some sound files. Indicators appear at the top of the display when you can receive PTT 📲 or EDGE Ⴝ data.

features
play music
$\cdot\hat{\bullet}\cdot$ > 🔁 Multimedia > Music > song name
create playlist
Create a playlist of songs to play:
$\cdot\hat{\bullet}\cdot$ > 🔁 Multimedia > Music > [New Playlist]
create ringtones
Create ringtones that you can use with your phone:
$\cdot\hat{\bullet}\cdot$ > 🔁 Multimedia > Music > [New Melody]
launch the micro-browser
Press 🌐.

features
download objects from Web page $\overset{\bigcirc}{A^{)}}$
Download a picture, sound, or other object from a Web page:
Press $\boxed{\oplus}$, go to the page that links to the file, scroll to the link, and select it.
To activate downloaded copyrighted files, press $\dot{\hat{\bullet}}$ > $\mathcal{L}_\exists$ Tools > Activation List > *file type* > *file*. You can see file's Status, Type, Activation, and Counts Remaining.
store downloaded files in your phone or memory card
Choose where to store the files you download:
$\dot{\hat{\bullet}}$ > $\mathbb{S}^\mathbb{S}$ Settings > Phone Status > Download Location > Memory Card or Phone
To see how much memory is available on your phone or memory card, see page 41.

features
Web sessions $\overset{\bigcirc}{A^{)}}$
A *Web session* stores settings that your phone uses to access the Internet. To select or create a Web session:
$\dot{\hat{\bullet}}$ > $\mathbb{P}$ Web Access > Web Sessions
clear micro-browser history $\overset{\bigcirc}{A^{)}}$
Clear the micro-browser's history, cache, or cookies:
$\dot{\hat{\bullet}}$ > $\mathbb{P}$ Web Access > Browser Setup > Clear History, Reset Cache, or Clear Cookie
download game or application $\overset{\bigcirc}{A^{)}}$
You can download a Java™ game or application the same way you download pictures or other objects:
Press $\boxed{\oplus}$, go to the page that links to the file, scroll to the link, and select it.

other features—fun & games 101

features

start game or application

Start a Java™ game or application:

Press **·●·** > **⅗ Games & Apps**, scroll to the game or application, press **·●·** to select it.

Note: To install and run games stored on your memory card, press
·●· > **⅗ Games & Apps** > **[Install New]**.

Note: To extend battery life, turn off Java applications when not in use.

features

airplane mode

Turn off your phone's calling features in locations where wireless phone use is prohibited. This lets you use the music player and other non-calling features while you are on an airplane, without interfering with airplane communications.

·●· > **⅛⅞ Settings** > **Airplane Mode** > **Airplane Mode** > **On**

You can make the airplane mode option appear whenever you turn on your phone:

·●· > **⅛⅞ Settings** > **Airplane Mode** > **Prompt At Power Up** > **On**

service and repairs

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

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

Specific Absorption Rate Data

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg1 Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.43 W/kg, and when worn on the body, as described in this user guide, is 0.78 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).2

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

The World Health Organisation has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organisation (http://www.who.int/emf) or Motorola, Inc. (http://www.motorola.com/rfhealth).

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*   The tests are carried out in accordance with international guidelines for testing. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

**   Please see the Safety and General Information section about body worn operation.

Information from the World Health Organization

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

Source: WHO Fact Sheet 193

Further information:
http://www.who.int./peh-e
mf

index

Y

U.S. patent Re. 34,976