

**INSTRUCTION MANUAL**

- A preliminary draft copy of the User's Manual follows this cover page.
- The User's Manual will have the following text added to it:

"NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver.
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- . Consult the dealer or an experienced radio/TV technician for help."



# *MOTOMANUAL*

RAZR v3i  
GSM

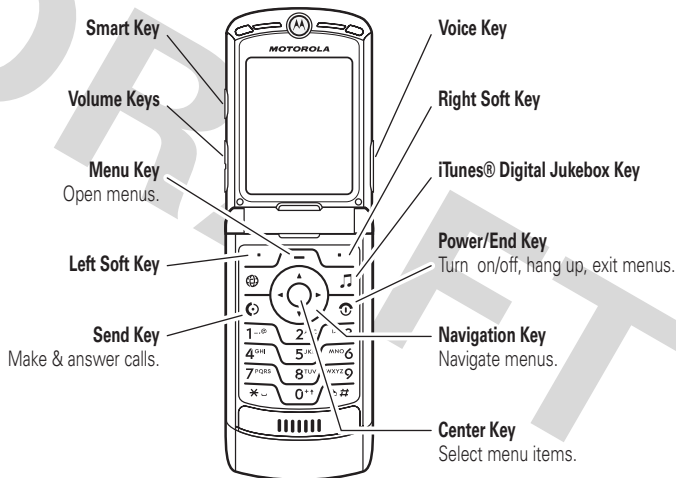
[motorola.com](http://motorola.com)

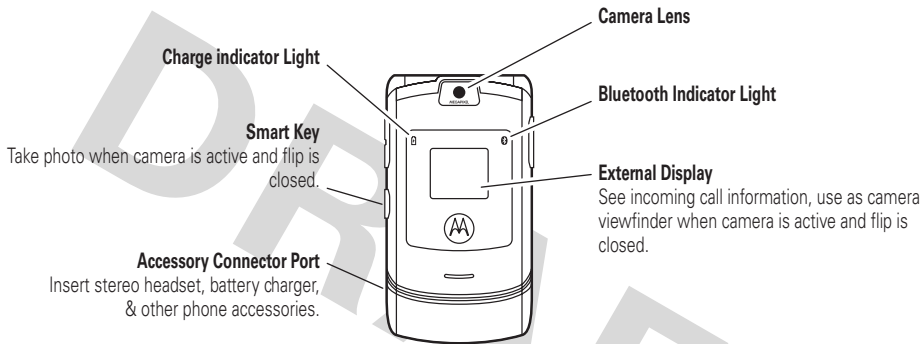


# HELLOMOTO

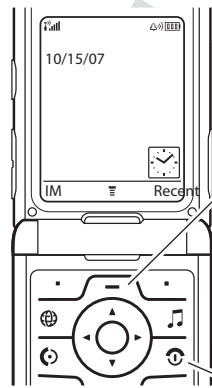
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Introducing your new Motorola RAZR v3i GSM wireless phone.





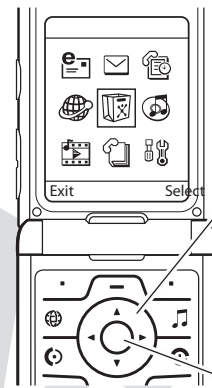
### Home Screen



② Press the Menu Key **a** to open the Main Menu .

① Press and hold the Power Key **P** until the display lights up, to turn on your phone.

### Main Menu



③ Press the Navigation Key **S** up/down/left/right to highlight a menu feature.

④ Press the Center Key **s** to select it.

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1-800-331-6456 (United States)

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

1-800-461-4575 (Canada)

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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.

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Manual Number: 6809496A88-0

# contents

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<b>menu map</b> . . . . .	<b>7</b>	<b>main attractions</b> . . . . .	<b>17</b>	smart key . . . . .	51
<b>Use and Care</b> . . . . .	<b>9</b>	iTunes®		external display . . . . .	51
<b>essentials</b> . . . . .	<b>10</b>	Digital Jukebox . . . . .	17	handsfree speaker . . . . .	52
about this guide . . . . .	10	memory card . . . . .	24	codes & passwords . . . . .	53
SIM card . . . . .	11	airplane mode . . . . .	28	lock & unlock phone . . . . .	54
battery . . . . .	11	mobile email . . . . .	29	<b>customize</b> . . . . .	<b>55</b>
turn it on & off . . . . .	14	voice commands . . . . .	29	audio style . . . . .	55
make a call . . . . .	14	photos . . . . .	31	time & date . . . . .	56
answer a call . . . . .	15	video clips . . . . .	33	wallpaper . . . . .	56
store a phone number		multimedia messages	36	screen saver . . . . .	57
in the address book . . . . .	15	Bluetooth® wireless . . . . .	38	display appearance . . . . .	57
call a stored		<b>basics</b> . . . . .	<b>43</b>	answer options . . . . .	58
phone number . . . . .	16	display . . . . .	43	<b>calls</b> . . . . .	<b>59</b>
search the		text entry . . . . .	46	turn off a call alert . . . . .	59
address book . . . . .	16	volume . . . . .	50	recent calls . . . . .	59
your phone number . . . . .	16	navigation key . . . . .	51	redial . . . . .	60
				(continued next page)	



**calls (continued)**

return a call . . . . .	61
notepad . . . . .	61
hold or mute a call . . . . .	61
call waiting . . . . .	61
caller ID . . . . .	62
emergency calls . . . . .	62
international calls . . . . .	63
1-touch dial . . . . .	63
voicemail . . . . .	64

**other features . . . . . 65**

advanced calling . . . . .	65
address book . . . . .	68
messages . . . . .	71
instant messaging . . . . .	73
personalize . . . . .	74
call times . . . . .	77
handsfree . . . . .	78
data & fax calls . . . . .	79
network . . . . .	80
personal organizer . . . . .	81

security . . . . .	83
fun & games . . . . .	83

**service and repairs . . . . 86****SAR Data . . . . . 87****EU Conformance . . . . . 89****Safety Information . . . . 92****Warranty . . . . . 97****Hearing Aid****Compatibility . . . . . 101****WHO Information . . . . . 102****Product Registration . . 102****Export Law****Assurances . . . . . 103****Wireless: The****New Recyclable . . . . . 103****Smart Practices****While Driving . . . . . 104****index . . . . . 106**

# menu map

## main menu

? Mobile Email

e Messaging

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

S Recent Calls

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

V MEdia Net

P

i iTunes® Digital Jukebox

h My Stuff

- Camera
- Video Camera
- Sounds
- Pictures
- Videos
- Games & Apps

n Address Book

W Settings

- (see next page)

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

## settings menu



### Tools

- SIM Applications
- Calculator
- Datebook
- Shortcuts
- Alarm Clock
- IM
- Dialing Services
  - Fixed Dial
  - Service Dial
  - Quick Dial



### Personalize

- Home Screen
- Main Menu
- Voice Dial Setup
- Skin
- Greeting
- Wallpaper
- Screen Saver



### Audio

- Style
- *style* Detail



### Connection

- USB Settings
- Bluetooth Link
- Sync



### Call Forward

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



### In-Call Setup

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



### Initial Setup

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



### Phone Status

- My Tel. Numbers
- Battery Meter
- Storage Devices
- Voice Dial Languages
- 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 Startup



### Network

- Network Setup
- Service Tone
- Call Drop Tone



### Security

- Phone Lock
- Lock Application
- Fixed Dial
- Restrict Calls
- SIM PIN
- New Passwords
- Certificate Mgmt



### Java Settings

- Java System
- Delete All Apps
- App Vibration
- App Backlight



### Web Access

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

# 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.

# essentials


---


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



## about this guide

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

**Find it:** Press  >  **Recent Calls** > **Dialed Calls**

This example shows that, from the home screen, you press the *menu key*  to open

the menu, scroll to and select  **Recent Calls**, then scroll to and select **Dialed Calls**.

Press the *navigation key*  to scroll to and highlight a menu feature. Press the *center key*  to select the highlighted menu feature.

### 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.



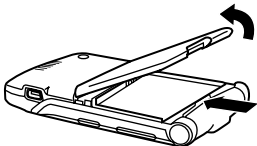
This means a feature requires an optional accessory.

## SIM card

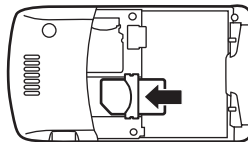
Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and address book entries.

**Caution:** Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.

- 1 If necessary, press in the battery door release latch and remove the battery door.



- 2 Hold the SIM card with the gold plate facing down. Slide the SIM card under the metal clip and 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  $-10^{\circ}\text{C}$  ( $14^{\circ}\text{F}$ ) or above  $45^{\circ}\text{C}$  ( $113^{\circ}\text{F}$ ). Always take your phone with you when you leave your vehicle.



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

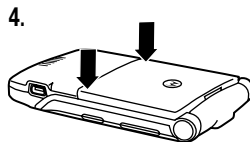
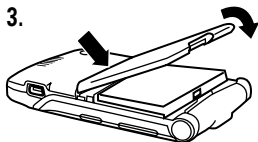
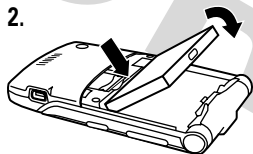
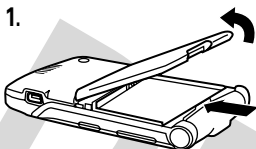


Contact your local recycling center for proper battery disposal.

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

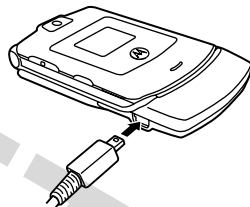
Before using your phone, read the battery safety information in the "Safety and General Information" section included in the gray-edged pages at the back of this guide.

## battery installation



## battery charging

New batteries are not fully charged. Plug the travel charger into your phone as shown. 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 it on & off

**Caution:** On power up, the phone may prompt you to enter your SIM card PIN code to unlock the SIM card. 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 key*  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  for two seconds.


## make a call


Enter a phone number and press the *send key*  to make a call.

To "hang up," close the flip or press the *end key* .

**Note:** Closing the flip doesn't end a call when the handsfree speaker is turned on (for more information about the handsfree speaker, see page 52).

## answer a call

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


To "hang up," close the flip or press the *end key* .

**Note:** Closing the flip doesn't end a call when the handsfree speaker is turned on (for more information about the handsfree speaker, see page 52).

## store a phone number in the address book

You can store a phone number in your **Address Book**.


**Note:** You can store an address book entry in phone memory or on your SIM card. You can't set a picture ID, ringer ID, or voice name for entries stored on the SIM card.

- 1** Enter a phone number in the home screen.
- 2** Press the **Store** key.
- 3** Enter a name and other details for the phone number. To edit details, scroll to them and press the center key .
- 4** Press the **Done** key to store the number.


To edit or delete an address book entry, see page 68.


To store an email address, press

 >  **Address Book**, then press

 > **New** > **Email Address**.




## call a stored phone number

**Find it:**  >  **Address Book**

- 1 Scroll to the contact.
- 2 Press  to call the contact.

## search the address book

To set the address book search method, press

 >  **Address Book**, then press  > **Setup**



> **Search Method** > **Jump To** or **Find**.

To search for an address book entry, press the keypad key that contains the first letter of the entry. **Jump To** method immediately jumps to

the first entry that begin with the key's letters.

**Find** method prompts you to enter the name or speed number for the entry, depending on how the address book list is sorted.

## your phone number

From the home screen, press   to see your number.

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

To store or edit your name and phone number on your SIM card, press the

**Edit** key while showing your number. 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!

## iTunes® Digital Jukebox


You can use the iTunes desktop application on your computer to buy and download music and other digital audio content from the Internet, import songs from audio CDs, and create playlists of your favorite songs. Then you can transfer songs from your computer to your phone and play them through the iTunes Digital Jukebox application on your phone. The iTunes Digital Jukebox application on your phone supports AAC and MP3 song formats.

## install iTunes on your computer

Before you can download songs to your phone, you must install the iTunes desktop application on your computer.

**Requirements:** You must have iTunes desktop application version 6.0.1 or later installed to work with your phone. The iTunes desktop application requires Mac® OS X v10.3.6 or later, or Windows® 2000 or XP™ with the latest Service Pack.

- 1 Install the iTunes desktop application software from the CD-ROM that came with your phone, or download the iTunes desktop application software for free at [www.itunes.com](http://www.itunes.com).

- 2 Double-click the iTunes package to run the installer.
- 3 Follow the prompts to install the software.
- 4 When installation is complete, double-click the iTunes icon  on your desktop to open iTunes.

For more information about the iTunes desktop application software, see [www.itunes.com](http://www.itunes.com).

## use the iTunes Music Store

Use the iTunes desktop application on your computer to preview, buy, and download songs from the iTunes Music Store (not available in some countries). Most stores offer over a million songs for purchase. You can use an Apple account to purchase songs from the music store.

To browse and buy music:

- 1 Open the iTunes desktop application and click Music Store in the Source List.
- 2 Click the Sign In button and follow the instructions to set up an account, or enter your existing Apple account information.
- 3 When logged in to your account, browse and buy music.

**Tip:** When you buy a song, the display shows its name in the Purchased Music playlist. You can drag and drop these songs into playlists you create or directly onto your phone.

For more information about the iTunes Music Store, open iTunes and select Help > iTunes and Music Store Help.

## create a playlist

You can create playlists on your computer, and then transfer them to your phone. To create a playlist on your computer:

- 1 Open the iTunes desktop application on the computer.
- 2 Click the Add button (+) in the lower-left corner of the iTunes desktop application.
- 3 Enter a name for the playlist.
- 4 Drag songs from your music library to the playlist.

To transfer a playlist to your phone, see the following section.

## transfer music to your phone

### set bit rate conversion

Your Motorola phone supports audio files with a bit rate up to 128 kbps for AAC format, or 192 kbps for MP3 format. In order to play songs with higher bit rates on your phone, set the iTunes software on your computer to automatically convert higher bit rate songs to a rate compatible with your phone as follows:

- 1 Open the iTunes desktop application on your computer.
- 2 Use the USB cable to connect the phone to the computer, and wait for the Phone icon to appear in the Source List in the iTunes desktop application.

**Note:** It may take up to one minute for the Phone icon to appear in the Source list.

- 3 From the menu bar, select **Edit > Preferences**.

- 4 When the iTunes Preferences window displays, select the **Phone** tab.
- 5 Select the check box for **Convert higher bit rate songs to 128 kbps AAC**.
- 6 Click **OK**.

## transfer music

To **transfer** music from the iTunes desktop application to your phone:

- 1 Install a memory card in your phone (see page 24).
- 2 Set the memory card as the default USB connection on your phone. Press **⌘ > Settings > Connection > USB Settings > Default Connection > Memory Card**.
- 3 Open the iTunes desktop application on your computer.
- 4 Use the USB cable to connect the phone to the computer.

**Caution:** Do not disconnect the USB cable from the computer or phone while transferring song files. If the USB cable is disconnected during transfer, restart the transfer procedure to avoid corrupting song files.

- 5 When the Phone icon appears in the Source List in the iTunes desktop application, drag and drop individual song files or a playlist onto your phone.

**Note:** It may take up to one minute for the Phone icon to appear in the Source list.

An average song file may take 45 seconds or longer to download to the phone.

- 6 To disconnect your phone from the computer, click the eject icon next to the Phone icon in the Source list. Wait until the **Do Not Disconnect** message disappears from the phone display, then disconnect the USB cable from your phone.


Individual songs that you transfer are listed under the **Songs** menu on your phone. Playlist songs are listed under the **Playlist** menu on the phone.

**Note:** You can't transfer music over a Bluetooth® wireless connection.



## play songs

**Note:** To play songs using the iTunes Digital Jukebox on your phone, you must install a memory card in the phone (see page 24), and store the songs on the card.

**Note:** You must disconnect the USB cable from your phone to play songs. Don't disconnect the USB cable while music is transferring.

Press  to see the iTunes Digital Jukebox main screen.







To **play a song**, press  up/down to scroll to **Songs**, press  right to select **Songs**, scroll to a song, then press the **Play** key.

To **play all songs in a list**, press  up/down to scroll to **Albums**, **Artists**, or **Playlist**, press  right to select it, scroll to **All**, then press the **Play** key.






**Note:** You can't listen to iTunes over a Bluetooth headset.

## iTunes Digital Jukebox controls

features
<b>start iTunes Digital Jukebox</b> Press  to open the iTunes Digital Jukebox.
<b>select a menu option</b> Press  up/down to scroll to a menu option, then press  right to select it. To return to a previous option, press  left. <b>Tip:</b> Use the right and left soft keys to <b>Play</b> songs or <b>Exit</b> menus.

### features

#### pause a song

From the iTunes Digital Jukebox **Now Playing** screen, press the **Pause** key. Or from the home screen (when iTunes Digital Jukebox is hidden), press  up to switch from Play () to Pause ().

#### play next song

Press the Forward button ( right).


#### start a song over

Press the Back button ( left).


#### play the previous song

Press the Back button ( left) twice.

#### fast forward

Press and hold the Forward button ( right).

<b>features</b>
<b>rewind</b> Press and hold the Back button (◂◂ left).
<b>shuffle songs</b> From the iTunes Digital Jukebox main screen, press ◂◂ down to scroll to <b>Shuffle Songs</b> , then press <b>Play</b> .
<b>adjust song volume</b> From the <b>Now Playing</b> screen, press the volume keys, or press ◂◂ up or down.

<b>features</b>
<b>hide iTunes Digital Jukebox</b> To hide the iTunes Digital Jukebox while playing music: Press  > <b>Hide</b> . Your phone shows iTunes Digital Jukebox commands on the home screen. You can use other phone functions while listening to iTunes Digital Jukebox content.
<b>exit iTunes</b> From the iTunes Digital Jukebox main screen, press the <b>Exit</b> key.


## add artwork to your songs

You can add album cover art or pictures to your iTunes Digital Jukebox songs.

Open the iTunes desktop application on your computer. If necessary, click the View

Artwork button in the lower-left corner of the iTunes desktop application to open the artwork window.

If a song contains album art, a thumbnail image of the album art appears in the artwork window. To add or change artwork, drag a picture file to the artwork window.

To see the full-screen artwork on your phone, press the center key .

## upgrade iTunes desktop application software

For more information about storing iTunes music on your phone, go to <http://www.itunes.com/mobile/motorola> or <http://www.hellomoto.com>.

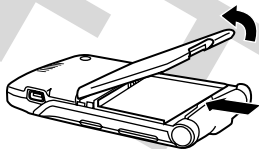
## memory card

You can use a removable TransFlash memory card with your phone to store and retrieve multimedia content (such as songs and photos).

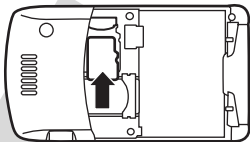
### install a memory card

**Caution:** Don't bend or scratch your memory card. Keep it away from static electricity, water, and dirt.

- 1 Press in the battery door release latch and remove the battery door.






- 2 Slide the memory card under the metal clip and into the card slot as shown.




**Caution:** When removing the memory card, don't use a metallic object (like a paper clip) to push the card out of its slot. If you accidentally touch the memory card contacts, you could damage the phone.



## see and change memory card information

**Find it:** Press  >  **Settings** > **Phone Status** > **Storage Devices**

- 1 Press  to scroll to the memory card.
- 2 Press the **Details** key to see memory card information.

or

Press  to open the **Storage Device** menu, to **Format** or **Rename** the memory card.

**To see files stored on the memory card,** open a file list (such as **Pictures**, **Videos**, or **Sounds**), then press  > **Switch Storage Device** > **Memory Card**. To see files stored on your phone again, press  > **Switch Storage Device** > **Phone**.





## reformat the memory card

You can reformat your memory card to erase files stored on the card.

**Note:** Use this procedure if your phone doesn't recognize the memory card, or if the iTunes desktop application on your computer

doesn't recognize the phone as a valid iTunes device.

**Caution:** Reformatting the memory card erases all files stored on the card (including music, photos, and videos). After you erase the files, you can't recover them.

- 1 Press  >  Settings > Phone Status > Storage Devices.
- 2 Press  to scroll to the memory card.
- 3 Press  > Format.

## move files from the phone to the memory card

You can move files (such as pictures and photos, video clips, and sound files) from your phone to the memory card to free up phone memory.

**Note:** You can't move the pre-installed media files that came with your phone.

**Note:** Moving a file to the memory card deletes the original from phone memory.

**To see files stored on your phone**, open a file list (such as **Pictures**, **Videos**, or **Sounds**), then press  > **Switch Storage Device** > **Phone**.

Scroll to the file you want to move, then press  > **Move** > **Memory Card**.

## connect the memory card to a computer

You can connect your phone to a computer to transfer files to and from the memory card.

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

### On your phone:

Press  >  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.



### On your computer:

- 1 Find where your phone's memory card appears as a Removable Disk icon. On a PC this is the My Computer window. On a Macintosh® computer it's on the desktop.
- 2 Double-click 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 files:** > mobile > audio  
**screen savers:** > mobile > picture  
**wallpapers:** > mobile > picture  
**video clips:** > mobile > video

- 4 When you finish, remove the phone with memory card safely from your computer:

**If you are using a PC,** right-click the Safely Remove Hardware icon in the system tray at the bottom of your computer screen. Then select USB Mass Storage Devices and Stop.

**If you are using a Mac,** select and drag the Removable Disk icon to the Trash.

- 5 Select USB Mass Storage Device, then OK.

### On your phone:

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

## store and use protected content

If you try to play a copyrighted file, it might prompt you to download a license. Some licenses let you play a file only for a certain number of times or days. You cannot send, copy, or change copyrighted files.

For example, a license may allow you to use a copyrighted file five times or use the copyrighted file for three days before it expires.



To activate downloaded copyrighted files:

**Find it:** Press  > **Activation List** > *file type*  
> *file*

You can show the copyrighted file's **Status**, **Type**, **Activation**, and **Counts Remaining**.

## airplane mode

*Airplane mode* turns off your phone's calling features in locations where wireless phone use is prohibited. You can use the phone's iTunes player and other non-calling features in airplane mode.

**Find it:** Press  >  **Settings** > **Airplane Mode**  
> **Airplane Mode** > **On** or **Off**

Your phone can prompt you to activate or deactivate airplane mode each time you turn on the phone:

**Find it:** Press  >  **Settings** > **Airplane Mode**  
> **Prompt at Startup** > **On** or **Off**

## mobile email

Your phone has mobile email capabilities in **Mobile Email**:

**Find it:** Press  > **Mobile Email** > **[Email Provider]**

You can use an existing email account for the listed providers or create a new account. Follow the prompts to set up your mobile email account.

## voice commands

You can use voice commands to make calls, and to open and use some phone applications.

**Note:** Not all phone languages support voice recognition and voice commands.

**Note:** You can send voice commands to your phone using a connected headset or handsfree car kit.

## open applications

To open the **Camera** or **VoiceMail** applications, **Redial** (dialed calls list), or **Received Calls** list:

- 1 Press and release the voice key.  
Your phone prompts you to say a command.
- 2 Say one of the following commands:  
"Camera," "VoiceMail," "Redial" (dialed calls list), or "Received Calls."  
Your phone opens the application.

## make a call

You can use voice commands to make a call:

- Use **name dial** to dial an address book entry by speaking the entry's name.
- Use **digit dial** to dial any phone number by speaking its digits.



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

**1** Press and release the voice key.

Your phone prompts you to say a command.

**2** Say “Name Dial” or “Digit Dial.”


**3** When prompted, say the name of the address book entry or speak the digits in the phone number.



If your phone recognizes the name or number, it makes the call.

### Notes:

- Your phone may prompt you to repeat a name or number. If the name/number isn't valid, the phone doesn't make the call.

- If the phone doesn't recognize the name or number, the display shows a list of names/numbers, asks, “Did you say ...,” and highlights the first item in the list. Say “Yes” to call the highlighted number, or “No” to go to the next list item.

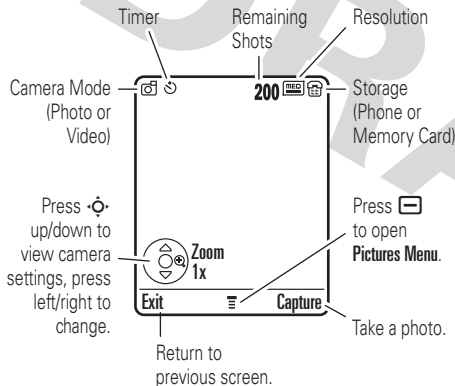
To select the name or number manually, scroll to the name/number on the list and press the center key .

- You can improve voice dial operations by training the phone to recognize your voice. Press  >  **Settings** > **Personalize** > **Voice Dial Setup** > **Adapt Digits**.

# photos

## take a photo

Press **☰** > **My Stuff** > **Camera** to see the camera viewfinder.



**Tip:** High-resolution (1.2 megapixel) images can be stored only on your memory card. To change picture resolution, press **☰** > **Pictures Setup** > **Resolution** from the camera viewfinder.

- 1 Point the camera lens at the photo subject.
  - 2 Press the **Capture** key to take a photo.
  - 3 Press the **Store** key to select a storage option: **Send in Message**, **Store Only**, **Apply as Wallpaper**, **Apply as Screen Saver**, **Apply as Phonebook Entry**, or **Print and Store**.
- or**
- Press the **Discard** key to delete the photo and return to the active viewfinder.

**Shortcut:** Use the **Print and Store** option to immediately print the picture over a Bluetooth® connection (see page 38).


**Note:** You can't assign a photo to an address book entry stored on the SIM card.

## self portrait

When the camera viewfinder is active, you can close the flip to show the viewfinder image in the external display. Press the smart key (see illustration on page 2) to take a photo. Open the flip to send, store, or discard the photo.

## camera settings

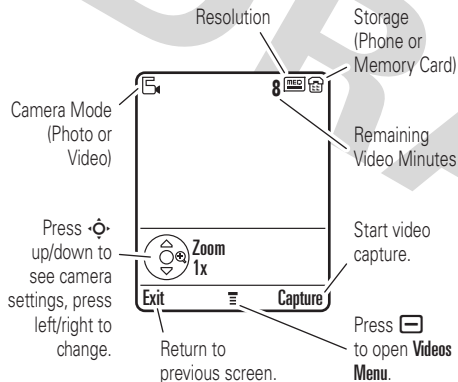
When the camera viewfinder is active, press  to open the **Pictures Menu** to select the following options:

options	
<b>Go To Pictures</b>	See stored pictures and photos. Press  to perform various operations (such as <b>Delete</b> , <b>Rename</b> , or <b>Move</b> ) on a picture.
<b>Go To Video Mode</b>	Switch to the video camera.
<b>Switch Storage Device</b>	Choose to store and see pictures on your phone or memory card. <b>Note:</b> High-resolution photos can be stored only on your memory card.
<b>Auto-Timed Capture</b>	Set a timer for the camera to take a photo.
<b>Pictures Setup</b>	Adjust photo settings.
<b>View Free Space</b>	See how much memory remains for storing pictures.

# video clips

## record a video clip

Press **☰** > **My Stuff** > **Video Camera** to see the video camera viewfinder.



**Note:** You can zoom only before you start recording.

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


- 1 Point the camera lens at the video subject.
- 2 Press the **Capture** key to begin video recording.
- 3 Press the **Stop** key to stop video recording.
- 4 Press the **Store** key to select a storage option: **Send in Message** or **Store Only**.

**or**

Press the **Discard** key to delete the video clip.

If you choose to send the video clip in a message, see “send a multimedia message” on page 36.

When the video camera viewfinder is active, press  to open the **Videos Menu** to select the following options:

options	
<b>Go To Videos</b>	See stored video clips. Press  to perform various operations (such as <b>Delete</b> , <b>Rename</b> , or <b>Move</b> ) on a video clip.
<b>Go To Photo Mode</b>	Switch to the picture camera.
<b>Switch Storage Device</b>	Choose to store and see video clips on your phone or memory card.
<b>Videos Setup</b>	Adjust video recording settings.

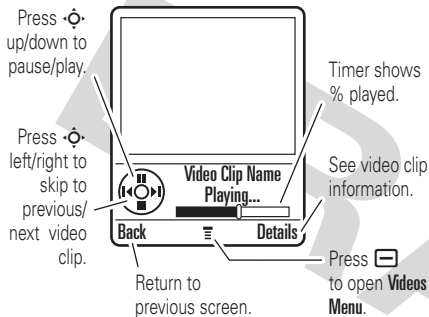
### options

<b>View Free Space</b>	See how much memory remains for storing video clips.
------------------------	--

## play a video clip

**Find it:** Press  >  **My Stuff** > **Videos** > *video clip*

The display shows the video clip in the playback screen.



From the stored video clips list, press ☰ to open the **Videos Menu** to select the following options:

options	
<b>Send In Message</b>	Insert a video clip in a new message.
<b>New</b>	Activate the video camera to record a new video clip.
<b>Switch Storage Device</b>	Choose to store and see video clips on your phone or memory card.
<b>Details</b>	See video clip information.
<b>Rename</b>	Rename a video clip.
<b>Mark/Unmark</b>	Mark one or more video clips that you want to delete, move, copy, or assign to a category.
<b>Delete</b>	Delete marked video clip(s).
<b>Move</b>	Move video clip(s) to another device, delete original(s) from phone memory.

options	
<b>Copy</b>	Copy video clip(s) to another device, leave original(s) on phone.
<b>Assign</b>	Assign video clip(s) to a category.
<b>Categories</b>	Create new category, or see video clips in a selected category.
<b>Videos Setup</b>	Adjust video recording settings.
<b>View Free Space</b>	See how much memory remains for storing video clips.

## multimedia messages

For more messaging features, see page 71.

### send a multimedia message


A *Multimedia Messaging Service* (MMS) message contains pages with text and media objects (including photos, sounds, or video clips). You can send the multimedia message to other MMS-capable phones, and to email addresses.





**Find it:** Press  >  **Messaging** > **Create Message** > **New Multimedia Msg**


- 1 Press keypad keys to enter text on the page (for more information about text entry, see page 46).


To insert a **picture**, **sound**, **video clip**, **voice record**, **quick note**, or **contact info**


on the page, press  > **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  > **Insert** > **New Page**. You can enter more text and objects on the new page.

- 2 When you finish the message, press  > **Message Options** to set message options:


To enter a **subject** for the message, scroll to **Subject** and press the center key .


To **attach a file** to the message, scroll to **Attachments** and press the center key . Select the file type and the file.


To set message **priority**, or request a message **delivery report** or **read report**, scroll to the option and press the center key .


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

- 4 Press the **Send To** key to select one or more message recipients:

To select an **address book entry**, scroll to the entry and press the center key . Repeat to add other address book entries.


To enter a new **phone number**, scroll to **[New Number]** and press the center key .

To enter a new **email address**, scroll to **[New Email Address]** and press the center key .

- 5 To **send** the message, press the **Send** key.  
To **cancel or save** the message as a **Draft**, press .



## receive a multimedia message

When you receive a multimedia message or letter, 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.

- Photos, pictures, and animations show as you read the message.
- A sound file plays when its page shows. Use the volume keys to adjust the sound volume.

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

- 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 (address book

vCard, datebook vCalendar entry, or unknown file type).

## Bluetooth® wireless

Your phone supports Bluetooth wireless *pairing* (also called *linking* or *bonding*). You can pair your phone with a Bluetooth headset or car kit to make handsfree calls, or pair 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.

**Note:** Your phone's Bluetooth features and Bluetooth Class 1 power levels are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not use the Bluetooth features in France unless you are indoors.

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

## turn Bluetooth power on or off

**Find it:** Press  >  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 pair with another device until you set Bluetooth power back to **On** and pair your phone with the device again.


use a headset or handsfree car kit

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

**Find it:** Press  >  Settings > Connection > Bluetooth Link > Handsfree > [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 .
- 2** Press the **Yes** key to pair with the device.
- 3** If necessary, enter the device passkey (such as **0000**) and press the **OK** key.

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


**Note:** When Bluetooth power is on, your phone can automatically pair with 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 photo, picture, video clip, sound file, address book entry, datebook event, or bookmark to another phone or computer that supports Bluetooth connections.

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

**Note:** You can't copy a copyrighted file.

- 1 On your phone, scroll to the object that you want to copy to the other device.
- 2 Press , then select:
  - **Copy** for a photo, picture, video clip, or sound file.
  - **Share Phonebook Entry** for an address book entry.
  - **Send** for a datebook event or bookmark.
- 3 Select a recognized device name, or **[Look For Devices]** to search for an unrecognized 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 39).

Have the other device send the file to your phone.

If your phone and the sending device don't recognize each other, you must place your phone in discoverable mode so the sending device can locate it:


**Find it:** Press  >  **Settings** > **Connection** > **Bluetooth Link** > **Setup** > **Find Me**

Press the **Accept** key to accept a file from another device. Your phone notifies you when file transfer is complete. If necessary, press the **Save** key to save the file to the appropriate location.

## send files to a printer







You can send a photo, picture, message, address book 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. You cannot print **Quick Notes**, **MMS Templates**, or an address book **Mailing List**.

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

- 3 Select a recognized printer name listed in the **Printers** menu, or **[Look For Devices]** to search for an unrecognized printer where you want to send the object.

## advanced Bluetooth features

features	
<b>pair with recognized device</b>	
 >  <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Handsfree</b> > <i>device name</i>	
<b>drop pairing with device</b>	
Scroll to the device name and press the <b>Drop</b> key.	
<b>switch to headset or car kit during call</b>	
 > <b>Use Bluetooth</b>	

features	
<b>switch back to phone during call</b>	
To switch from a headset or car kit to your phone during a call:  > <b>Use Handset</b>	
<b>move multimedia object to device</b>	
<b>Caution:</b> Moving an object <b>deletes</b> the original object from your phone. Scroll to the object, press  > <b>Move</b> , select the device name.	
<b>edit properties of recognized device</b>	
Scroll to the device name, press  > <b>Edit</b> .	
<b>set Bluetooth options</b>	
 >  <b>Settings</b> > <b>Connection</b> > <b>Bluetooth Link</b> > <b>Setup</b>	

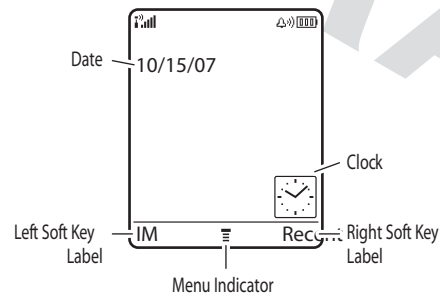
## basics

---

See page 1 for a basic phone diagram.

### display

The home screen appears when you turn on the phone.

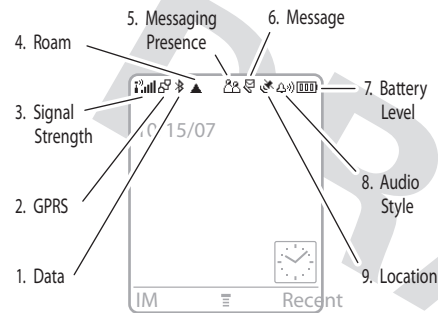


To dial a number from the home screen, press number keys and **N**.

The menu indicator **M** shows that you can press **a** to open the main menu. Soft key labels show the current soft key functions. For soft key locations, see page 1.

Press **S** up, down, left, or right in the home screen to open basic phone 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 76).

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




1 Data Indicator – Shows connection status. The Bluetooth® indicator shows when your phone is paired with another device. Other indicators can include:

- 4 = secure data transfer
- 7 = unsecure data transfer
- 3 = secure connection
- 6 = unsecure connection
- 2 = secure Circuit Switch Data (CSD) call
- 5 = unsecure CSD call

2 GPRS Indicator – Shows when your phone is using a high-speed General Packet Radio Service (GPRS) network connection. Other indicators can include:

- \* = GPRS PDP context active
- , = GPRS data available

3 Signal Strength Indicator – Vertical bars show the strength of the network connection. You can't make or receive calls when ! or ) shows.

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




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





 = IM active


 = available for IM

 = busy

 = invisible to IM


 = available for phone calls



 = offline

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

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




 = text message     = voicemail message

 = voicemail & text message     = IM message


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

**8 Audio Style Indicator** – Shows the audio style setting.

 = loud ring

 = soft ring

 = vibrate

 = vibrate and ring



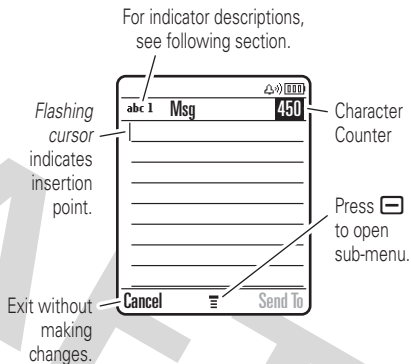
🔔 = vibrate then ring  
🔕 = silent

- 9 Location Indicator** – Shows when your phone can send location information 📍 or not 📍.








## text entry

Some features let you enter text.








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

entry modes	
 or <b>1</b>	Your <b>Primary</b> text entry mode can be set to any iTAP® mode (indicated by  ) or tap mode (indicated by <b>1</b> ).
 or <b>2</b>	Your <b>Secondary</b> text entry mode can be set to <b>None</b> , or set to an iTAP mode (indicated by  ) or tap mode (indicated by <b>2</b> ).
<b>123</b>	<b>Numeric</b> mode enters numbers only.
<b>@</b>	<b>Symbol</b> mode enters symbols only.





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

**Tip: WANT TO SHOUT YOUR MESSAGE?**

Press  in a text entry screen to change text case to no capital letters (**abc**), next letter

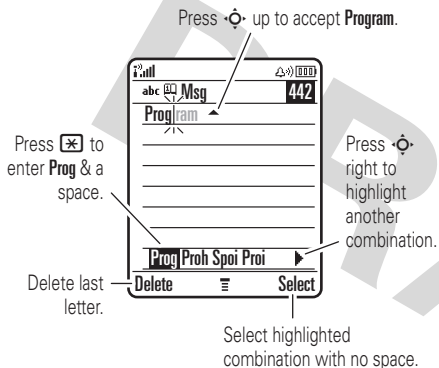
capital (**Abc** with , , **1**↑, or **2**↑), or all capitals (**ABC** with , , **1**↑, or **2**↑).

## iTAP® mode

Press  in a text entry screen to switch to iTAP mode. If you don't see  or , press  > **Entry 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:



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

- 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 mode.
- Press **[1]** to enter punctuation or other characters.

## tap and tap extended modes

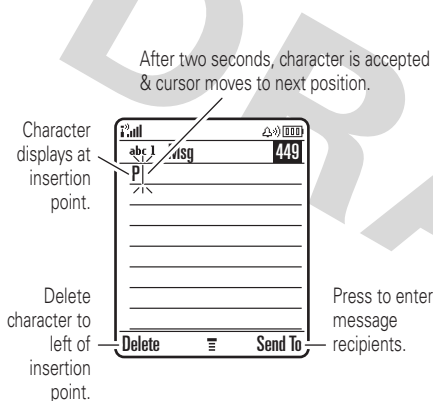
Press **[#]** in a text entry screen to switch to tap mode. If you don't see **1** or **2**, press **[≡] > Entry Setup** to set tap or tap extended as your primary or secondary text entry mode.

*Tap* mode lets you press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.

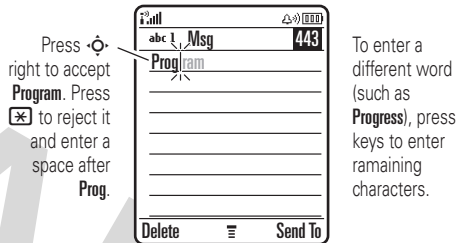
*Tap extended* mode cycles through additional special characters and symbols as you

repeatedly press a keypad key. (For example, pressing **2** cycles through the following characters: a, b, c, 2, á, à, â, ã, ç, æ).

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




When you enter three or more characters in a row, your phone may guess the rest of the word. For example, if you enter **Prog** your display might show:





- The first character of every sentence is capitalized. If necessary, press **↻** down to change the character to lowercase before the cursor moves to the next position.

- Press  to move the flashing cursor to enter or edit message text.
- If you don't want to save your text or text edits, press  to exit without saving.

## numeric mode

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

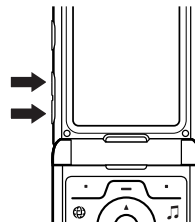
## symbol mode

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 .

## 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. To set the ringer from the menu, see page 55.

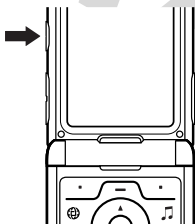
## navigation key


Press the navigation key  up, down, left, or right to scroll and highlight menu items. When you highlight something, press the center key  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 ). To change what the smart key does in the home screen, see page 76.

## external display


When your phone is closed, the external display shows the time and indicates phone status, incoming calls, and other events. For a list of phone status indicators, see page 44.

## set phone audio style in external display

- 1 Press a volume key (see illustration on page 2) to see **Audio** styles.
- 2 Press the smart key repeatedly, until the style you want appears.
- 3 Press a volume key to return to the home screen.

## return unanswered call in external display

Your phone keeps a record of your unanswered calls, and the external display shows **X Missed Calls**.

**Tip:** Since the microphone and earpiece are hidden when the phone is closed, you'll have to use a headset or other handsfree device to make and receive calls. 

**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.

**1** Press the smart key (see illustration on page 2) to see the received calls list.

**2** Press the volume keys to scroll to an unanswered call.

- To call the number with a headset connected to your phone, press and hold the smart key.
- To exit without calling, press the smart key briefly.

## 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.
- Closing the flip doesn't end a call when the handsfree speaker is turned on.
- 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:** Press  >  **Settings** > **Security** > **New Passwords**

You can also change your **SIM PIN** codes.

**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  and enter your six-digit security code instead.

**If you forget other codes:** If you forget your security code, SIM PIN code, or PIN2 code, 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 (for more information, see page 62). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

# customize

---

## audio style

Each audio style profile uses a different set of sounds or vibrations for incoming calls and other events. The **Silent** profile silences your phone until you set another ring style. Here are the profiles you can choose:

 Loud

 Soft

 Vibrate


 Vibe & Ring

 Vibe then Ring

 Silent

The audio style profile indicator shows at the top of the home screen. To choose your profile:

**Find it:** Press  >  **Settings** > **Audio** > **Style**  
> *style name*

**Shortcut:** When an option has a list of possible settings (like audio styles), press  left or right to select the setting.

**Tip:** 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 50).


## change alerts in an audio style

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

**Note:** You can't use iTunes for alerts or ring tones on your phone.




**Note:** You can't set an alert for the **Silent** audio style profile.

**Find it:** Press  >  **Settings** > **Audio**  
> *style name* **Detail**

- 1 Scroll to **Calls**, then press the **Change** key to change it.
- 2 Scroll to the alert you want, then press the center key .
- 3 Press the **Back** key to save the alert setting.

## time & date



Your phone needs the time and date for the datebook.


To **synchronize** the time and date with the network: Press  >  **Settings**   
> **Initial Setup** > **Time and Date** > **Autoupdate**  
> **On**.

To **manually** set the time and date, turn off **Autoupdate**, then: Press  >  **Settings**  
> **Initial Setup** > **Time and Date** > **Time and Date**.

## wallpaper

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

**Find it:** Press  >  **Settings** > **Personalize**  
> **Wallpaper**


options	
<b>Picture</b>	Press  up or down to select a picture for your wallpaper image, or <b>None</b> for no wallpaper.
<b>Layout</b>	Select <b>Center</b> to center the image in the display, <b>Tile</b> to repeat the image across the display, or <b>Fit-to-screen</b> to stretch the image across the display.

## screen saver

Set a photo, picture, or animation as a screen saver image. The screen saver shows in the display when the flip is open and no activity is detected for a specified time.

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

**Find it:** Press  >  **Settings** > **Personalize** > **Screen Saver**

options	
<b>Picture</b>	Press  up or down to select an image for your screen saver, or <b>None</b> for no screen saver.
<b>Delay</b>	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  >  **Settings** > **Personalize** > **Skin**.

To set your display **brightness**: Press  >  **Settings** > **Initial Setup** > **Brightness**.

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

Press  >  **Settings** > **Initial Setup** > **Backlight**.

**Note:** To turn the backlight on or off for Java™ applications, press  >  **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 the flip

or press any key. To set how long your phone waits before the display turns off:

Press  >  **Settings** > **Initial Setup**  
> **Display Timeout.**

## answer options

You can use additional, alternative methods to answer an incoming call. To activate or deactivate an answer option:

**Find it:** Press  >  **Settings** > **In-Call Setup**  
> **Answer Options**

options	
<b>Multi-Key</b>	Answer by pressing any key.
<b>Open to Answer</b>	Answer by opening the flip.

# calls

---

To make and answer calls, see page 14.

## turn off a call alert

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





## 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  from the home screen to see the dialed calls list.

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



**Find it:** Press  >  **Recent Calls**

- 1 Scroll to **Received Calls** or **Dialed Calls**, then press the center key .
- 2 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 **View** key.
  - To see the **Last Calls Menu**, press . This menu can include:

options	
<b>Store</b>	Create an address book entry with the number in the <b>No.</b> field.
<b>Delete/ Delete All</b>	Delete one or all entries in the list.
<b>Hide ID/ Show ID</b>	Hide or show your caller ID for the next call.
<b>Send Message</b>	Open a new text message with the number in the <b>To</b> field.
<b>Add Digits</b>	Add digits after the number.
<b>Attach Number</b>	Attach a number from the address book or recent calls lists.
<b>Send Tones</b>	Send the number to the network as DTMF tones.  This option shows only during a call.

options	
<b>Talk then Fax</b>	Talk and then send a fax in the same call (for more information, see page 79). 


## redial

- 1 Press  from the home screen to see the dialed calls list.
- 2 Scroll to the entry you want to call, then press .

If you hear a **busy signal** and you see **Call Failed, Number Busy**, 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 .

## notepad

The last set of digits entered on the keypad are stored in *notepad* memory. This can be the last phone number you called, or a number that you “jot down” during a call for later use. To see the number stored in the notepad:

**Find it:** Press  >  **Recent Calls** > **Notepad**

- To call the number, press .
- To create an address book 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 .

## hold or mute a call

To put all active calls on hold, press  > **Hold**.

To put all active calls on mute, press  > **Mute**.


## call waiting

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  > **End Call On Hold**.

To turn the call waiting feature on or off:

**Find it:** Press  >  **Settings** > **In-Call Setup** > **Call Waiting**

## 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 address



book, or **Incoming Call** when caller ID information isn't available.

You can set your phone to play a distinctive ringer ID for an entry stored in your address book (for more information, see page 68).

To show or hide **your phone number** for the next outgoing call, enter digits in the display, then:


**Find it:** Press  > **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  to call the emergency number.

## international calls

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








## 1-touch dial

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

**Tip:** To call address book entries 10 and above, see “speed dial” on page 65.

You can set 1-touch dial to call the entries in your phone’s memory address book, your SIM card’s address book, or your fixed dial list:

**Find it:** Press  >  **Settings** > **Initial Setup** > **1 Touch Dial** > **Phone, SIM, or Fixed Dial**

To add a new address book entry, see page 15. To edit the speed dial number for an address book entry, press  >  **Address Book**, scroll to the entry, then press  > **Edit**.

# 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:** Press  >  **Messaging** > **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 an address book entry for it. Then, you can use the entry to call your voicemail.

# other features

## advanced calling

features	
<b>conference call</b>	
During a call: Dial next number, press  , press the <b>Link</b> key.	
<b>attach a phone number</b>	
Dial an area code or prefix for an address book number, then:  > <b>Attach Number</b>	

features	
<b>speed dial</b>	
Enter the speed dial number for an address book entry, press  , press  .	
To add an address book entry, see page 15.	
<b>Tip:</b> To 1-touch dial address book entries 1 through 9, see page 63.	
<b>Tip:</b> If you forget Aunt Mildred's speed dial number, press  >  <b>Address Book</b> , scroll to her entry, and press the <b>View</b> key.	
<b>call forwarding</b>	
Set up or cancel call forwarding:  >  <b>Settings</b> > <b>Call Forward</b>	

## features

### restrict calls



Restrict outgoing or incoming calls:

> **Settings** > **Security** > **Restrict Calls**

### TTY calls



Set up your phone for use with an optional TTY device:

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

## 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:

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

Use the fixed dial list:

> **Settings** > **Tools** > **Dialing Services**  
> **Fixed Dial**

## features

### service dial



Dial preprogrammed service phone numbers stored by your service provider:

 >  **Settings** > **Tools** > **Dialing Services**  
> **Service Dial**

### quick dial





Dial preprogrammed phone numbers stored by your service provider:

 >  **Settings** > **Tools** > **Dialing Services**  
> **Quick Dial**

## features

### DTMF tones


Activate DTMF tones:

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

Send DTMF tones during a call:

Press number keys.




Send stored numbers as DTMF tones during a call:

Scroll to a number in the address book or recent calls lists, then press  > **Send Tones**.

# address book

## features

### edit or delete an entry

Press  >  **Address Book**, scroll to the address book entry, press . You can select **Edit**, **Delete**, or other options.



### set ringer ID for entry

Assign a distinctive ring alert (ringer ID) to an entry:

Press  >  **Address Book** > *entry*, press  > **Edit** > **Ringer ID** > *ringer name*.

**Note:** The **Ringer ID** option isn't available for entries stored on the SIM card.

To activate ringer IDs:

 >  **Settings** > **Audio** > *style Detail*  
> **Ringer IDs**

## features

### set picture ID for entry

Assign a photo or picture to show in the display when you receive a call from an entry:

Press  >  **Address Book** > *entry*, press  > **Edit** > **Picture** > *picture name*.

**Note:** The **Picture** option isn't available for entries stored on the SIM card.

### set picture ID view

Show entries as a text list, or with picture caller ID photos:

Press  >  **Address Book**, press  > **Setup** > **View by** > **List** or **Picture**.

## features

### set category for entry

Press  >  **Address Book** > *entry*, press  > **Edit** > **Category** > *category name*.

**Note:** The **Category** option isn't available for entries stored on the SIM card.

### set category view

Press  >  **Address Book**, press  > **Categories** > *category view*.

You can show **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you create.

## features

### set category ringer ID

Set a distinctive ring alert (ringer ID) to sound when you receive calls from entries in a specific category:

Press  >  **Address Book**, press  > **Categories**, scroll to the category, press  > **Edit** > **Ringer ID**.

**Note:** The **Category** option isn't available for entries stored on the SIM card.

To activate ringer IDs:

 >  **Settings** > **Audio** > *style Detail*  
> **Ringer IDs**




## features

### set primary number or address

Set the primary number for an entry with multiple numbers:

Press  >  **Address Book**, scroll to the entry, press  > **Set Primary** > *number* or *address*.

**Note:** The **Set Primary** option isn't available for entries stored on the SIM card.

**Tip:** In **Primary** number view mode, you can still peek at other numbers stored for the same name. Scroll to the name and press  left or right to see the other numbers.

### create group mailing list

Press  >  **Address Book**, press  > **New** > **Mailing List**.

## features

### sort address book list

Set the order in which entries are listed:

Press  >  **Address Book**, press  > **Setup** > **Sort by** > *sort order*.

You can sort the address book list by **Name**, **Speed No.**, or **Email**. When sorting by name, you can see **All** numbers or just the **Primary** number for each name.

### copy address book entry




Copy an entry from the phone to the SIM card, or from the SIM card to the phone:

Press  >  **Address Book**, scroll to the entry, press  > **Copy** > **Entries** > **To** > **Phone Memory** or **SIM Card**.

## features

### copy multiple entries

Copy multiple address book entries between the phone and SIM card:

Press  >  **Address Book**, scroll to one entry, press  > **Copy** > **Entries**, press the **Change** key, scroll to another entry, press the **Add** key, repeat as necessary, press the **Done** key, > **To** > **Phone Memory** or **SIM Card**.

### send address book entry to another device

Send an address book entry to another phone or computer that supports Bluetooth® connections:

Press  >  **Address Book**, scroll to the entry, press  > **Share Phonebook Entry**.

For more information, see page 40.

## features

### print address book entry

Send an address book entry to a printer that supports Bluetooth® connections:

Press  >  **Address Book**, scroll to the entry, press  > **Print**.

**Note:** You can't print a **Mailing List**. For more information, see page 41.

## messages












For basic multimedia messaging features, see page 36.

## features

### send text message

 >  **Messaging** > **Create Message**  
> **New Text Message**



features	
<p><b>send email</b></p> <p> &gt;  <b>Messaging</b> &gt; <b>Create Message</b> &gt; <b>New Email</b></p>	
<p><b>send quick note</b></p> <p>Send a short, prewritten quick note:</p> <p> &gt;  <b>Messaging</b> &gt; <b>Quick Notes</b></p> <p>Create a new quick note:</p> <p> &gt;  <b>Messaging</b> &gt; <b>Quick Notes</b> &gt; <b>[New Quick Note]</b></p>	
<p><b>use a multimedia template</b></p> <p>Open a multimedia template with preloaded media:</p> <p> &gt;  <b>Messaging</b> &gt; <b>Multimedia Templates</b></p>	


features	
<p><b>read new message or email</b></p> <p>When your display shows <b>New Message</b>, press the <b>Read</b> key to read the message you received.</p>	
<p><b>read old messages</b></p> <p> &gt;  <b>Messaging</b> &gt; <b>Message Inbox</b></p> <p>Icons next to each message show if it is <b>unread</b> , <b>read</b> , <b>urgent</b> , <b>locked</b> , or has an <b>attachment</b> . Press  to perform various operations on a message.</p>	
<p><b>read old email</b></p> <p> &gt;  <b>Messaging</b> &gt; <b>Email Msgs</b></p> <p>Press  to perform various operations on a message.</p>	

## features

### store message objects



Go to a multimedia message page, or scroll to an object in a letter, then:

 > Store

### browser messages



Read messages received by your micro-browser:

 >  Messaging > Browser Msgs

## features

### set up email accounts





You can set up and use multiple email accounts on your phone:

 >  Messaging

 > Email Msg Setup > Account Settings

> [New Entry]



**Note:** Your display shows a folder for each email account under  >  Messaging > Email Msgs.







## instant messaging




## features

### log in







 >  Settings > Tools > IM > Log In

features	
<p><b>find others online</b></p> <p>After you log in:</p> <p>Select <b>Contact List</b> to see a list of other users.</p>	
<p><b>start conversation</b></p> <p>From your <b>Contact List</b>, scroll to a name in <b>Online Contacts</b>, press the <b>Send IM</b> key.</p>	
<p><b>open active conversation</b></p> <p>From your <b>Contact List</b>, scroll to a name in <b>Conversations</b>, press the <b>View</b> key.</p>	
<p><b>end conversation</b></p> <p>From the conversation display:</p> <p> &gt; <b>End Conversation</b></p>	
<p><b>log out</b></p> <p>Select <b>Log Out</b> from the <b>IM Online</b> menu.</p>	

features	
<p><b>create or change IM accounts</b></p> <p> &gt;  <b>Settings</b> &gt; <b>Tools</b> &gt; <b>IM</b> &gt; <b>IM Account</b></p> <p>Select an IM account, or select <b>New</b> to create a new IM account.</p>	

## personalize

features	
<p><b>language</b></p> <p>Set menu language:</p> <p> &gt;  <b>Settings</b> &gt; <b>Initial Setup</b> &gt; <b>Language</b></p>	
<p><b>scroll</b></p> <p>Set the highlight bar to stop or wrap around in menu lists:</p> <p> &gt;  <b>Settings</b> &gt; <b>Initial Setup</b> &gt; <b>Scroll</b></p>	

## features

### ringer IDs

Activate ringer IDs assigned to address book entries and categories:

☰ > ⚙️ Settings > Audio > *style* Detail  
> Ringer IDs

### ring volume

☰ > ⚙️ Settings > Audio > *style* Detail  
> Ring Volume

**Shortcut:** When an option has a list of possible numeric values (like ring volume), press a number key to set the value.

### keypad volume

☰ > ⚙️ Settings > Audio > *style* Detail  
> Key Volume

## features

### reminders

Set reminder alerts for messages that you receive:

☰ > ⚙️ Settings > Audio > *style* Detail  
> Reminders

### clock view

Show an analog or digital clock in the home screen:

☰ > ⚙️ Settings > Personalize > Home Screen  
> Clock

### menu view

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

☰ > ⚙️ Settings > Personalize > Main Menu  
> View

## features



### main menu

Reorder your phone's main menu:

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


### show/hide feature icons

Show or hide feature icons in the home screen:

 >  **Settings** > **Personalize** > **Home Screen**  
> **Home Keys** > **Icons** > **Show** or **Hide**

### change feature icons & home keys


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

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


## features

### shortcuts

Create a shortcut to a menu item:

Scroll to the menu item, then press and hold .

Use a shortcut:

Press , then press the shortcut number.

### master reset

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

 >  **Settings** > **Initial Setup** > **Master Reset**

## features


### master clear

**Caution:** Master clear **erases all information you have entered** (including address book 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.

Clear all settings and entries you made **except** SIM card information, erase downloaded pictures and sound files, and reset all options **except** unlock code, security code, and lifetime timer:

 >  Settings > Initial Setup > Master Clear

## call times

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

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

## features










### call times

Show call timers:

 >  Recent Calls > Call Times















features	
<b>in-call timer</b> 	Show call time information during a call:  >  <b>Settings</b> > <b>In-Call Setup</b> > <b>In-Call Timer</b>
<b>data times</b> 	Show data call timers:  >  <b>Recent Calls</b> > <b>Data Times</b>
<b>data volumes</b> 	Show data volume meters:  >  <b>Recent Calls</b> > <b>Data Volumes</b>





## 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	
<b>speakerphone</b> 	Activate a connected external speakerphone during a call: Press the <b>Speaker</b> key.
<b>auto answer</b> (car kit or headset) 	Automatically answer calls when connected to a car kit or headset:  >  <b>Settings</b> > <b>Car Settings</b> or <b>Headset</b> > <b>Auto Answer</b>

features	
<p><b>voice dial</b> (headset)</p> <p>Enable voice dial with headset send/end key:</p> <p> &gt;  <b>Settings</b> &gt; <b>Headset</b> &gt; <b>Voice Dial</b></p>	
<p><b>auto handsfree</b> (car kit)</p> <p>Automatically route calls to a car kit when connected:</p> <p> &gt;  <b>Settings</b> &gt; <b>Car Settings</b> &gt; <b>Auto Handsfree</b></p>	

features	
<p><b>receive data or fax</b></p> <p>Connect your phone to the device, then answer the call through the device application.</p>	
<p><b>talk then fax</b></p> <p>Connect your phone to the device, enter fax number, press  &gt; <b>Talk then Fax</b>, then press  to make the call.</p>	

## data & fax calls



features	
<p><b>send data or fax</b></p> <p>Connect your phone to the device, then place the call through the device application.</p>	

## features

### use sync



You can call an Internet server and synchronize your address book and datebook entries with the server.

To set up an Internet sync partner, press  >  **Settings** > **Connection** > **Sync** > **[New Entry]**. Enter the server details, including the server **URL** (you can omit `http://`) and **Data Paths** (the folders below the URL where your data is stored).

To synchronize files with an Internet sync partner, press  >  **Settings** > **Connection** > **Sync** > *sync partner*.

## network

### features

#### network settings



See network information and adjust network settings:

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

#### software update



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

 >  **Settings** > **Phone Status** > **Software Update** > **Install Now**

# personal organizer





features
<b>set alarm</b> [Home] > [Tools] Settings > Tools > Alarm Clock
<b>turn off alarm</b> When the display shows an alarm: To turn off the alarm, press the <b>Disable</b> key or [Stop]. To set an eight minute delay, press the <b>Snooze</b> key.
<b>add new datebook event</b> Press [Home] > [Tools] Settings > Tools > Datebook, scroll to the day, press the center key [Enter], press [Home] > <b>New</b> .

features
<b>see datebook event</b> See or edit event details: Press [Home] > [Tools] Settings > Tools > Datebook, scroll to the day, press the center key [Enter], press the <b>View</b> key.
<b>datebook event reminder</b> When the display shows an event reminder: To see reminder details, press the <b>View</b> key. To close the reminder, press the <b>Exit</b> key.

## features

### send datebook event to another device



Send a datebook event to another phone or computer that supports Bluetooth® connections:


Press  >  **Settings** > **Tools** > **Datebook**, scroll to the day, press the center key , scroll to the event, press  > **Send**.

For more information, see page 38.

### print datebook month, week, or day

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



 >  **Settings** > **Tools** > **Datebook**

Go to the month, week, or day view and press  > **Print**.



For more information, see page 38.

## features

### calculator

 >  **Settings** > **Tools** > **Calculator**





### currency converter




 >  **Settings** > **Tools** > **Calculator**

 > **Exchange Rate**




Enter exchange rate, press the **OK** key, enter amount, and select **\$** at the bottom of the display.

# security

features
<b>SIM PIN</b> <b>Caution:</b> If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your display shows <b>SIM Blocked</b> . Lock or unlock the SIM card:  >  <b>Settings</b> > <b>Security</b> > <b>SIM PIN</b>
<b>lock feature</b>  >  <b>Settings</b> > <b>Security</b> > <b>Lock Application</b>

features
<b>manage certificates</b>  Enable or disable Internet access certificates stored on your phone:  >  <b>Settings</b> > <b>Security</b> > <b>Certificate Mgmt</b> Certificates are used to verify the identity and security of Web sites when you download files or share information.

# fun & games

features
<b>manage pictures</b>  >  <b>My Stuff</b> > <b>Pictures</b> Press  > <b>Mark</b> to mark one or more photos, pictures, or animations, and perform various operations (such as <b>Delete</b> , <b>Rename</b> , or <b>Move</b> ) on them.

## features

### manage video clips

 >  **My Stuff > Videos**


Press  to perform various operations (such as **Delete**, **Rename**, or **Move**) on a video clip.

### manage sounds



Manage ring tones and music that you have downloaded:

 >  **My Stuff > Sounds**

Press  > **Mark** to mark one or more sound files, and perform various operations (such as **Delete**, **Rename**, or **Move**) on them.

### launch the micro-browser




Press .

## features

### download objects from web page



Download a picture, sound, or video clip from a Web page:

Scroll to the file, press the center key , press the **Store** key.

### web sessions





Select or create a Web session:

 >  **Settings > Web Access > Web Sessions**

### download game or application



Download a Java™ game or application with the micro-browser:

Press , scroll to the application, press the center key , press the **Download** key.

## features

### start game or application



Start a Java™ game or application:

Press  >  **My Stuff** > **Games & Apps**, scroll to the game or application, press the center key .

### create ring tones



Create ring tones that you can use with your phone:

 >  **My Stuff** > **Sounds** > **[New iMelody]**



# service and repairs

---

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

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

# Specific Absorption Rate Data

---

## This model wireless phone meets the government's requirements for exposure to radio waves.

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

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.<sup>1</sup> Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the

maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 0.59 W/kg, and when worn on the body, as described in this user guide, is 0.43 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.20 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).<sup>2</sup>

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

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

<http://www.phonefacts.net>

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

<http://www.cwta.ca>

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

# European Union Directives Conformance Statement

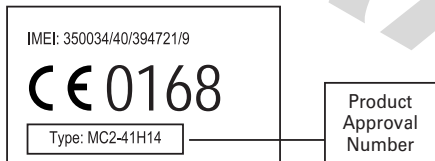
---



[www.motorola.com/rtte](http://www.motorola.com/rtte). To find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site.

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



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

DRAFT



***MOTOROLA***

**Important Safety and  
Legal Information**

# 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.

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

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

## RF Energy Interference/Compatibility

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

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

### Follow Instructions to Avoid Interference Problems

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

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

## Pacemakers

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

Persons with pacemakers should observe the following precautions:

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

## Hearing Aids

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



## Other Medical Devices

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

## Driving Precautions

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

When using your mobile device while driving, please:

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

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

## Operational Warnings

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

## Automobile Air Bags

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

## Potentially Explosive Atmospheres

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

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

## Damaged Products






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

## Batteries and Chargers

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

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

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

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

## Choking Hazards

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

## Glass Parts

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

## Seizures/Blackouts

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

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

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

## Repetitive Motion

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

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# Motorola Limited Warranty for the United States and Canada

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## What Does this Warranty Cover?

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

## Products and Accessories

<b>Products Covered</b>	<b>Length of Coverage</b>
<b>Products and Accessories</b> as defined above, unless otherwise provided for below.	<b>One (1) year</b> from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
<b>Decorative Accessories and Cases.</b> Decorative covers, bezels, PhoneWrap™ covers and cases.	<b>Limited lifetime warranty</b> for the lifetime of ownership by the first consumer purchaser of the product.
<b>Monaural Headsets.</b> Ear buds and boom headsets that transmit mono sound through a wired connection.	<b>Limited lifetime warranty</b> for the lifetime of ownership by the first consumer purchaser of the product.

Products Covered	Length of Coverage
<b>Consumer and Professional Two-Way Radio Accessories.</b>	<b>Ninety (90) days</b> from the date of purchase by the first consumer purchaser of the product.
<b>Products and Accessories that are Repaired or Replaced.</b>	<b>The balance of the original warranty or for ninety (90) days</b> from the date returned to the consumer, whichever is longer.

## Exclusions

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

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

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

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

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

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

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

## Software

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

## Exclusions

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

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

## Who Is Covered?

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

## What Will Motorola Do?

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

## How to Obtain Warranty Service or Other Information

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

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

## What Other Limitations Are There?

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

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

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

# Hearing Aid Compatibility with Mobile Phones

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

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

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

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

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

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

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.



# Information from the World Health Organization

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Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF

exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

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

## Product Registration

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Online Product Registration:

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

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

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

Thank you for choosing a Motorola product.

# Export Law Assurances

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This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation

or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

## Wireless: The New Recyclable

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

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

As a wireless phone user, you have an important role in ensuring that this phone is recycled properly. When it comes time to give this phone up or trade it in for a new one, please remember that the phone, the charger, and many of its accessories can be recycled. It's easy. To learn more about CTIA's Recycling Program for Used Wireless Devices, please visit us at <http://promo.motorola.com/recycle/phones/whyrecycle.html>

# Smart Practices While Driving

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

**Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. Contact [www.motorola.com/callsmart](http://www.motorola.com/callsmart) for more information.**

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

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

inconvenient time, if possible, let your voice mail answer it for you.

- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.\*

- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.\*
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.\*

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\* Wherever wireless phone service is available.

# index

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## A

accessories 10, 38, 78  
accessory connector port 2  
address book  
    add entry 15  
    dial entry 16, 63, 65  
    picture ID 62  
    print 71  
    search 16  
    send entry 71  
    synchronize 80  
airplane mode 28  
alarm clock 81  
alert  
    set 50, 51, 55  
    turn off 50, 59  
animation 83

answer a call 15, 58  
attach a number 60, 65  
audio style 50, 51, 55  
audio style indicator 45

## B

backlight 57  
battery 13  
battery charge indicator light  
    2, 13  
battery indicator 45  
battery life, extend 11, 39,  
    57  
Bluetooth indicator light 2,  
    40  
Bluetooth wireless 38, 71,  
    82

bonding. See Bluetooth  
    wireless  
brightness 57  
browser messages 73

## C

calculator 82  
call  
    answer 15, 58  
    end 14, 15  
    make 14, 16  
call barring 53  
call forwarding 65  
call timers 77, 78  
call waiting 61  
caller ID 60, 62, 68  
camera 2, 31, 33

car kit 78  
center key 1, 10, 51  
certificate management 83  
clock 56, 75  
codes 53, 54  
conference call 65  
copyrighted files 28  
customer support 86

## **D**

data call 78, 79  
data indicator 44  
date 56  
datebook  
    add event 81  
    print 82  
    send event 82  
    synchronize 80  
dial a phone number 14, 16,  
    66, 67  
dialed calls 59

digit dial (voice) 29  
display 3, 43, 57, 75  
download media objects 73,  
    84  
drafts folder 37  
DTMF tones 60, 67

## **E**

earpiece volume 50  
email 72, 73  
    email address 15  
    email, mobile 29  
emergency number 62  
end a call 14, 15  
end key 1, 14, 15  
Enter Unlock Code message  
    53  
export regulations 103  
external display 2, 51

## **F**

fax call 60, 79  
feature icons 76  
fixed dial 66  
flip 15, 58  
forward calls 65

## **G**

GPRS indicator 44  
group mailing list 70

## **H**

handsfree speaker 52  
headset 52, 78  
hearing aid compatibility 101  
hold a call 61  
home screen 3, 43, 75, 76

## I

IM 73

IM indicators 45

Incoming Call message 62

instant messaging. See IM

international access code 63

iTAP text entry mode 47

## J

Java indicator 45

## K

keypad 58

keypad volume 75

## L

language 74

licenses 28

linking. See Bluetooth  
wireless

location indicator 46

lock

application 83

phone 54

SIM card 83

Low Battery message 45

## M

make a call 14, 16

master clear 77

master reset 76

memory card 24

menu 3, 74, 75, 76

menu icons 43, 75, 76

menu indicator 43

menu key 1, 10, 43

message

reading 38, 72

sending 36, 71

message indicator 38, 45

message reminders 75

messaging. See IM

micro-browser 73, 84

Missed Calls message 61

MMS, defined 36

mobile email 29

multimedia message 36, 72

music 84

mute a call 61

## N

name dial 29

navigation key 1, 10, 51

network settings 80

notepad 61

number. See phone number

numeric entry mode 50

## O

1-touch dial 63

open to answer 58

optional accessory 10  
optional feature 10

## **P**

pairing. See Bluetooth  
wireless  
passwords. See codes  
personalize 74  
phone number  
storing 15  
your number 16  
photo 31, 83  
picture 83  
picture ID 62, 68  
PIN code 14, 53, 83  
PIN2 code 53, 66  
power key 1, 14  
printing 41, 71, 82  
product registration 102

## **Q**

quick dial 67  
quick note 36, 72

## **R**

received calls 59  
recent calls 59  
recycling 103  
redial 60  
reminders 75  
repairs 86  
restrict calls 66  
return a call 52, 61  
ring tone 84  
ringer ID 62, 68, 69, 75  
ringer volume 50, 75  
roam indicator 45

## **S**

safety information 92  
safety tips 104  
screen saver 57  
security code 53  
send key 1, 14, 15  
service dial 67  
shortcuts 76  
signal strength indicator 44  
silent mode 50, 51, 55  
SIM Blocked message 14,  
83  
SIM card 11, 14, 53, 66, 67,  
83  
skin 57  
smart key 1, 2, 51, 52, 76  
soft keys 1, 43, 76  
software update 80  
speakerphone 78  
speed dial 63, 65  
stereo headset 2



store phone numbers 15  
store your phone number 16  
support 86  
symbol entry mode 50  
sync 80

## T

tap text entry mode 48  
technical support 86  
telephone number. See  
    phone number  
text entry 46  
text messaging 71  
time 56  
timers 77, 78  
TTY device 66  
turn on/off 14

## U

unlock  
    application 83  
    phone 14, 53, 54  
    SIM card 83  
unlock code 53, 54

## V

vibrate mode 50, 51, 55  
video clip 33, 84  
voice commands 29  
voice dial 79  
voice key 1  
voice recognition 29  
voicemail 64  
voicemail message indicator  
    45, 64  
volume 50, 75  
volume keys 1, 2, 50

## W

wallpaper 56  
warranty 97  
Web sessions 84  
WHO information 102

## Y

your phone number 16

U.S. patent Re. 34,976