



MOTOMANUAL

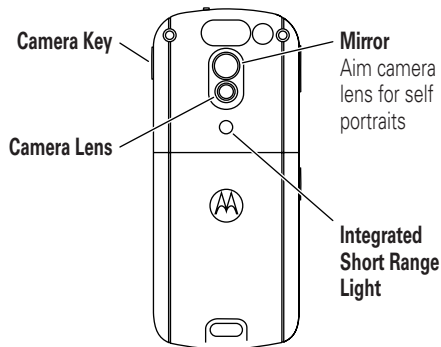
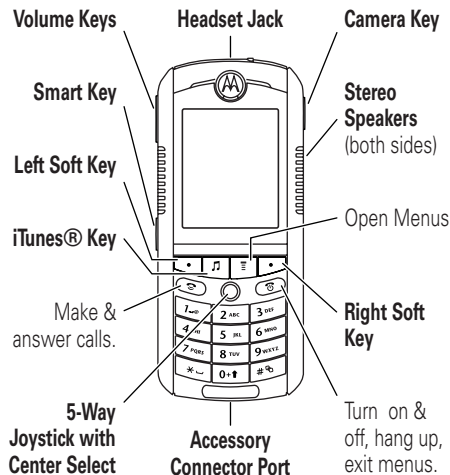


the motorola ROKR model E1 featuring **iTunes®**



HELLOMOTO

Introducing your new Motorola ROKR model E1 GSM wireless phone. Here's a quick anatomy lesson.



check it out!

features

transfer music files

Use the memory card as the default USB connection:

 > Settings > Connection > USB Settings
> Memory Card

On your computer, open iTunes®, connect your phone to your computer, and drag and drop music files to your phone.

Tip: You must have a memory card installed in the phone in order to transfer songs to the phone and play them using iTunes (see page 27).

features

play music

Note: You cannot listen to music through most Bluetooth® headsets.

Play a song on your phone using iTunes:

iTunes > Songs > *song name* > Play

Tip: Disconnect your phone from your computer to play songs.

Tip: You must have a memory card installed in the phone in order to transfer songs to the phone and play them using iTunes (see page 27).

features

create playlist

Create a playlist of songs on your phone:

On your computer, open iTunes, click the **Add (+)** button, and type a name for the playlist. Then drag songs from your music library to your playlist.

Connect your phone to your computer and drag and drop the playlist onto your phone.

rhythm lights

Activate lights to flash in sync with the sounds around you:

 > **Settings** > **Personalize** > **Rhythm Lights**

ring lights

Choose ring lights for incoming calls:

 > **Settings** > **Ring Styles** > **Ring Lights** > *> light pattern*

features

take photo & send

Press  to activate the camera. Point lens and press **Capture** to take a photo.

To send, press the **Store** key and select **Send**.



record a video

To record a new video:

 > **Multimedia/Sounds** > **Videos** > **[New Video]**

Press the **Capture** key to start recording and the **Stop** key to end the recording.

send multimedia message

Send a message with pictures, animations, sounds, and videos:



 > **Messages** > **Create Message** > **New Multimedia Message**

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menu map

main menu



Recent Calls

- Received Calls
- Dialed Calls
- Notepad
- Call Times



Messages

- Create Message
- Message Inbox
- Voicemail
- Media Templates
- Email Msgs
- Browser Msgs
- Info Series
- Quick Notes
- Outbox



Phonebook



Internet

- Internet
- Browser Setup



Rogers Mail

- Get Music & Tones
- Get Games
- Get Graphics
- Get Email



Games & Apps



Multimedia/Sounds

- Themes
- Camera
- Pictures
- Sounds
- Videos



iTunes



Settings

- (see next page)

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

* optional features

settings menu



Personalize

- Rhythm Lights
- Home Screen
- Main Menu
- Skin
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial



Ring Styles

- Style
- Style Detail
- Ring Lights
- Event Lights



Tools

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



Connection

- Bluetooth Link
- Sync
- USB Settings



Call Forward



In-Call Setup

- In-Call Timer
- My Caller ID
- Answer Options
- Call Waiting



Initial Setup

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



Phone Status

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



Headset



Car Settings



Airplane Mode



Network

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



Security

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



Java Settings

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

* optional features

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  to open the menu,

highlight and select  **Recent Calls**, then highlight and select **Dialed Calls**.

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

symbols



This means a feature is network/subscription dependent and may not be available in all areas. Contact your service provider for more information.

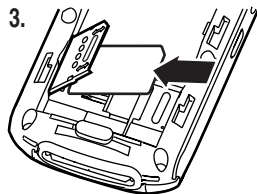
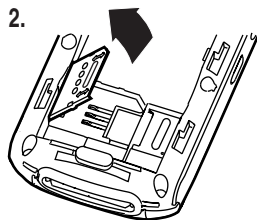
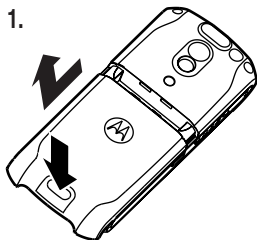


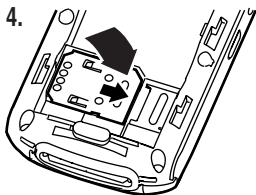
This means a feature requires an optional accessory.

SIM card

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

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





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, such as a refrigerator.
- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.

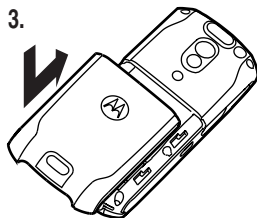
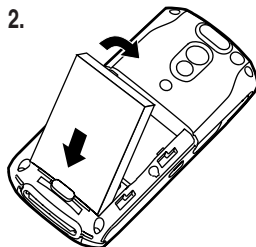
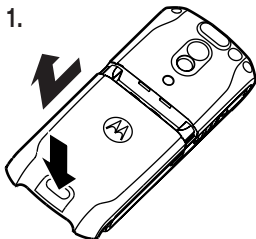


Contact your local recycling center for proper battery disposal.

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

Warning: 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

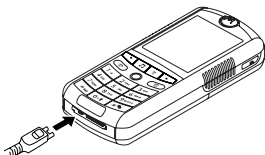


battery charging

New batteries are not fully charged. Plug the travel charger into your phone and an

electrical outlet. Your phone displays **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.

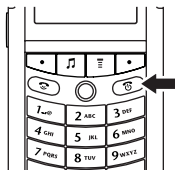


turn it on & off

Caution: When you turn on the phone, it may prompt you to enter your SIM card PIN code to unlock the SIM card. If you enter an incorrect PIN code 3 times in a row, your SIM

card is disabled and your phone displays **SIM Blocked**. Contact your service provider.

To turn on your phone, press and hold  for a few seconds or until the display turns on. If prompted, enter your 6-digit SIM card PIN code and/or 4-digit unlock code.



Note: You might be prompted to personalize your phone. Select **Yes** to change settings, or **No** to go to the idle display. You can set your personal options later (see page 66).

To turn off your phone, press and hold  for 2 seconds.

make a call

Enter a phone number and press  to make a call.

answer a call

When your phone rings and/or vibrates, press  to answer. To “hang up,” press .

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 number on your SIM card, press the **Edit** key  while displaying it. 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!

use iTunes[®]

You can use iTunes desktop to buy and download music to your computer from the Internet, listen to CDs and digital music, and create playlists of your favorite songs. You can then transfer music to your phone that you've bought online or from CDs and play them through iTunes on your phone.

Note: iTunes supports MIDI, MP3, AAC and WAV song formats.

opening iTunes

Tip: You must have a memory card installed in the phone in order to transfer songs to the phone and play them using iTunes (see page 27).

Press the  key to see the iTunes display.



playing songs

Note: You cannot listen to music through most Bluetooth® headsets.

Tip: You must have a memory card installed in the phone in order to play songs using iTunes (see page 27).

To play an **individual song**, press  down to scroll to **Songs** > song name and press the **Play** key.

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

Tip: Don't forget to disconnect your phone from your computer to play songs. But don't disconnect while you transfer music.

iTunes controls

features
turn iTunes off & on Press the key.
select a menu item Press to scroll to menu items, and select by pressing right. To return to a previous item, press left. Tip: You can use the left and right soft keys to Play songs or Exit menus.
pause a song From the iTunes idle display, press up to switch from Play () to Pause(). Or from iTunes press the Pause key.
start a song over Press back once.

features
play the previous song Press  back twice.
fast forward Press  forward and hold.
rewind Press  back and hold.
shuffle songs Press  to display the iTunes menu. Press  down to scroll to Shuffle Songs , and then press Play .
hide iTunes To hide the iTunes application while playing music: Press  and select Hide .

installing iTunes on your Computer

Before you can download songs to your phone, you must install iTunes on your computer. To install iTunes on your computer:

- 1 Place the iTunes CD-ROM (provided in the box with your phone) into your computer's CD-ROM drive or use the provided URL in a web browser to download the latest iTunes desktop software.
- 2 Follow the prompts to install the software.
- 3 When the installation finishes, double-click the iTunes icon  on your desktop to open iTunes.

For more information about the iTunes desktop software see <http://www.hellomoto.com>.

using the iTunes Music Store

Using iTunes, you can hear, buy, and download your favorite songs from the iTunes Music Store (available only in some countries). There are over a million songs available in most stores for purchase. You can use an Apple account to purchase songs from the music store.

To browse for and buy music:

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

Tip: When you buy a song the name displays 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.

transferring music

To transfer music from the iTunes computer software to your phone:

- 1 First, set up the phone to use the memory card as the default USB connection.

On your phone: Press  > **Settings** > **Connection** > **USB Settings** > **Memory Card**.

- 2 On your computer, open iTunes.
- 3 Using the USB cable, connect your phone to your computer.

- 4 When the phone displays as an icon in the iTunes software, drag and drop music files onto your phone.

Note: When iTunes is finished transferring music to your phone, the phone screen displays **Ok to Disconnect**. Then you can remove the USB cable. To do this, press the large button on the cable and disconnect it from your phone.

Tip: Your phone does not support music transfer via Bluetooth.

create a playlist

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

- 1 Open iTunes.
- 2 When it's open, click the **Add (+)** button.
- 3 Type a name for the playlist.

- 4 In the iTunes software, drag songs from your music library to your playlist.
- 5 Using the USB cable, connect your phone to your computer.
- 6 When the phone displays as a source, drag and drop music files onto your phone.

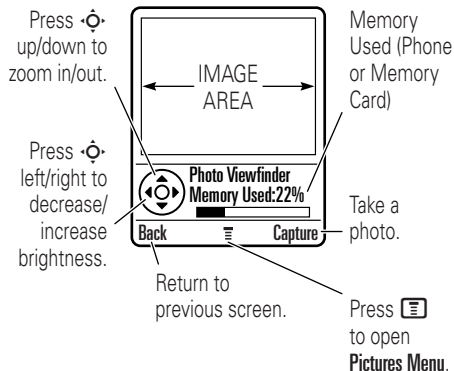
Tip: Your phone must be disconnected from your computer to play songs. Don't disconnect your phone while music is being transferred.

upgrading iTunes desktop software

For more information about being able to store more music in iTunes on your phone, go to the iTunes Music Store or visit:
<http://www.hellomoto.com>.

take & send a photo

From the home screen, press the **Camera** key to see the camera viewfinder:



Tip: To adjust lighting conditions press [menu icon] > **Pictures Set-up** > **Lighting Conditions** > **Change**.

- 1 Point the camera lens at the photo subject.
- 2 Press **Capture** to take a photo.
 - To delete the photo and return to the active viewfinder, press **Discard**.
 - To store or send the photo, press **Store**.

Your storage options are **Send**, **View Online Album**, **Store in Phone**, **Apply as Wallpaper**, **Apply as Screen Saver**, or **Apply as Phonebook Entry**.

You can use the **Print and Store** option to print the picture over a Bluetooth® connection (see page 30).

self portrait

- 1 Press the **Camera** key to activate the camera.
- 2 Press [menu icon] > **Auto-Timed Capture**.

- 3 Press  left or right to set a 5 or 10 second timer delay, then press the **Start** key.
- 4 Aim the camera lens at yourself.
- 5 When you hear the camera click your photo displays.

camera settings

Press  in the viewfinder to open **Picture Menu**. This menu can include the following options:

option	
View Phone Album	To view the phone album.
Switch Storage Device	Save pictures on the phone or memory card.
Auto-Timed Capture	Set a timer for the camera to take a picture.

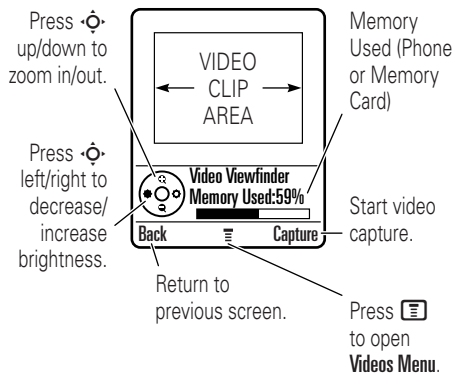
option	
Flash On	Turns on the flash.
Pictures Setup	Adjusts picture settings.
View Free Space	See how much memory remains for storing pictures.

record & play video clip

record a video clip

Find it: Press  > **Multimedia/Sounds > Videos > [New Video]**

The active viewfinder image displays.



Note: You can zoom in or out only before you start recording.

- 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.

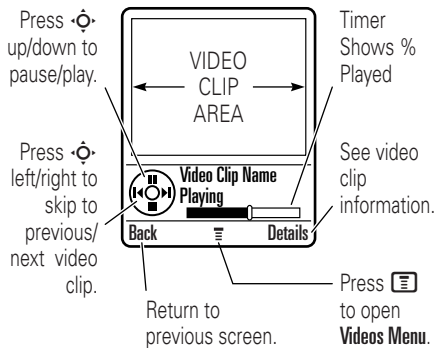
- To delete the video clip and return to the active viewfinder, press the **Discard** key.
- To store the video clip, press the **Store** key.

Your storage options are **Send** or **Store in Phone**.

play a video clip

Find it: Press [menu icon] > **Multimedia/Sounds** > **Videos** > *video clip*

The video clip displays in the playback screen.



video settings

Press in the viewfinder to open the **Videos Menu**. This menu can include:

option	
Go To Videos	View video clips stored on your phone.
Switch Storage Device	Save the video on the phone or memory card.
Flash On	Turns on the flash.
Videos Setup	Open the setup menu to adjust video settings like lighting conditions, exposure, and sound options.
View Free Space	See how much memory remains for storing video clips.

multimedia messages

For more message features, see page 62.

send a multimedia message

A Multimedia Messaging Service

(MMS) message contains pages with text and media objects (including photos, pictures, animations, or sounds). You can send the multimedia message to other MMS-capable phones, and to email addresses.



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

- 1 Press keypad keys to enter text on the page (for details about text entry, see page 39).

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

To insert **another page** in the message, enter text or objects on the current page and press  > **Add Media** > **New Page**. You

can enter more text and objects on the new page.

- 2 When you finish the message, press the **Send To** key.
- 3 Choose one or more people to send the message:

To select a **phonebook entry**, highlight the entry and press . A ✓ displays when an entry is selected. Repeat to add other phonebook entries.

Tip: To un-select a phonebook entry, highlight the entry and press . When ✓ disappears, the entry is no longer selected.

To **enter a new number**, highlight **[New Number]** and press . Enter the new phone number and press the **Ok** key.

To **enter a new email address**, highlight **[New email Address]** and press . Enter the new email address and press the **Ok** key.

4 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 displays **New Message** with a message indicator such as .



Press the **Read** key to open the message.

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

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

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

lights

rhythm lights

You can set your phone's display and keypad to flash rhythm lights in sync with the music and sounds around you.

Find it: Press  > **Settings** > **Personalize** > **Rhythm Lights**

options	
Pattern	Choose a the light pattern to activate the rhythm lights, or turn the lights Off .
Timer	Set how long the rhythm lights stay active (up to 10 minutes).
Sensitivity	Set how loud the surrounding music or sounds must be for the rhythm lights to respond. Values range from 1 (least sensitive) to 7 (most sensitive).

Note: Don't expect the rhythm lights to work when your battery is low or when you're on a phone call. The lights pause when you receive a call or message or if you press a key.

If you want your phone keypad and display to flash for incoming calls and messages, you need to set ring lights (see the following section).

ring lights

Use ring lights to set up your phone to flash a light pattern when receiving a call or message.

Find it:  > **Settings** > **Ring Styles** > **Ring Lights** > *light pattern*

event lights

You can set up event lights for your phone to display a light pattern when there are: incoming calls from phonebook categories, incoming text and voicemail messages, alarms, power up, power down, battery charging, Bluetooth connection, Bluetooth activity, and Bluetooth disconnection.

To turn event lights on or off:

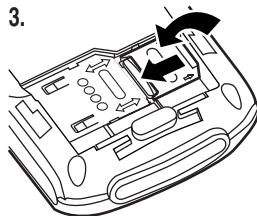
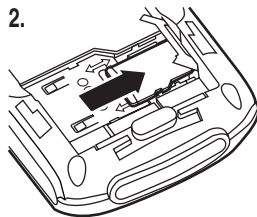
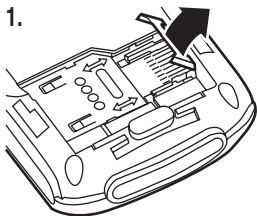
Find it:  > **Settings** > **Ring Styles** > **Event Lights** > **On** or **Off**

memory card

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



install a memory card



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

see and change memory card information

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

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

or

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

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

connect the memory card to a computer

You can access your phone's memory card with a PC.

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** > **Memory Card.**

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



On your computer:

- 1 Find where your phone's memory card displays as a "Removable Disk" icon. On a PC this is the "My Computer" window. On a Mac 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".

store and use protected content

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

For example, a license may allow you to play the content of your download 5 times or use the content for 3 days before it expires.

To activate downloaded copyrighted files:

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

You can see file's **Status**, **Type**, **Activation**, and **Counts Remaining**.

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, or pair your phone with a computer to exchange and synchronize files.

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

turn Bluetooth power on or off

If Bluetooth **Power** is **On**, your phone can automatically pair with the handsfree device you have used before. Just turn on the device or move it near the phone.

Note: To extend battery life, use the above procedure and set Bluetooth **Power** to **Off** when not in use. Your phone will not pair with

devices until you set Bluetooth **Power** back to **On** and pair your phone with the devices again.

pair with a headset or handsfree device

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

Your phone lists the devices it finds within range.

- 1 Highlight a device in the list and press the **Select** key.
- 2 Press the **Yes** or **Ok** 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  displays in the home screen.

Tip: We can't see the device you're holding. For specific information about a device, refer to the instructions that came with it.

copy objects to another device

You can use Bluetooth pairing to copy a media object, phonebook entry, datebook event, or bookmark from your phone to a computer or other device. 

- 1 Highlight the object on your phone that you want to copy to the other device.
- 2 Press  and select **Copy** (for media objects), **Send** (for datebook events), or **Share Phonebook Entry** (for phonebook entries).
- 3 Select a recognized device name, or **[Look For Devices]** to search for the device where you want to copy the object.

advanced Bluetooth features

features

make phone visible to other device

Allow a Bluetooth device to discover your phone: 

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

connect to recognized device

Connect to a recognized handsfree device: 

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

drop pairing with device

Highlight the device name and press the **Drop** key. 

features

switch to device during call



Switch to a headset or car kit during a call:

 > Use Bluetooth

move multimedia object to device



Move a multimedia object to another device:

Highlight the object, press  > Move, select the device name.

Caution: Moving an object **deletes** the original object from your phone.

copy multimedia object to another device



Copy a multimedia object to another device:

Highlight the object, press  > Copy, select the device name.

features

edit device properties



Edit the properties of a recognized device:

Highlight the device name, press the **EDIT** key.

set Bluetooth options



Highlight the device name, press

 > Settings > Connection > Bluetooth Link > Setup

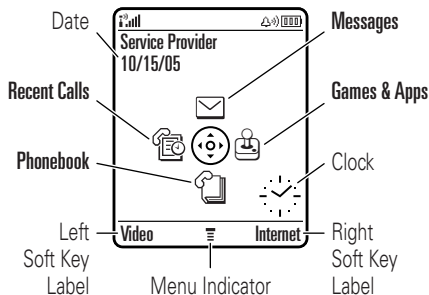
basics

See page 1 for a basic phone diagram.

display

The *home screen* displays when you turn on the phone. To dial a number from the home screen, press number keys and .

Note: Your home screen may look different than this one, depending on your service provider.

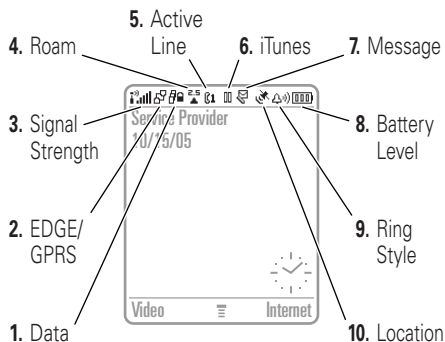


The *menu indicator*  shows that you can press  to open the menu. *Soft key labels*

show the current soft key functions. For soft key locations, see page 1.

Press  up, down, left, or right to open basic menu features identified by the *menu feature icons* in the home screen. (You can select these menu features even when the icons are hidden from view.) Press  to return to the home screen.

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



- 1 Data Indicator** – Shows connection status. The Bluetooth® wireless connection indicator  shows when a Bluetooth connection is active. Other indicators can include:

 = secure data transfer

 = secure connection

 = secure
*Circuit Switch
Data (CSD) call*

 = unsecure data transfer

 = unsecure connection

 = unsecure
CSD call

2 **EDGE/GPRS Indicator** – Shows when your phone is using a high-speed



Enhanced Data for GSM Evolution (EDGE) or General Packet Radio Service (GPRS) network connection. Indicators can include:

 = GPRS connection

 = GPRS PDP context active

 = EDGE connection

 = 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 displays.

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



 = 2G home

 = 2G roam

 = 2.5G home

 = 2.5G roam

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



 = line 1 active

 = line 2 active

 = line 1 active, call forward on  = line 2 active, call forward on

- 6 iTunes** – Shows when iTunes is active. Indicators include:



 = iTunes active/playing a song  = iTunes paused

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



 = text message  = voicemail message

 = voicemail & text message

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

- 9 Ring Style Indicator** – Shows the ring style setting.

 = loud ring

 = soft ring

 = vibrate

 = vibrate then ring

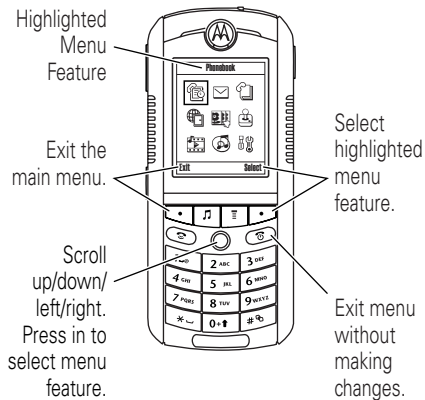
 = silent

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



menus

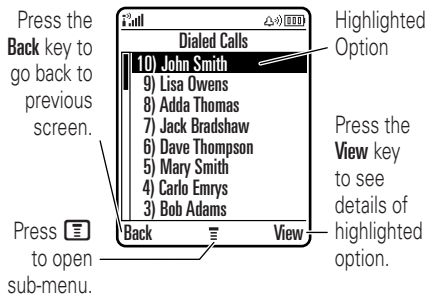
From the home screen, press  to open the main menu.



The following menu icons may be available, depending on your service provider and service subscription options.

menu features	
 Recent Calls	 Messages
 Phonebook	 Internet
 Rogers Mail	 Games & Apps
 Multimedia/Sounds	 iTunes
 Settings	

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



and highlight the closest matching list option.

- When an option has a list of possible settings, scroll left or right to select the setting.
- When an option has a list of possible numeric values, press a number key to set the value.

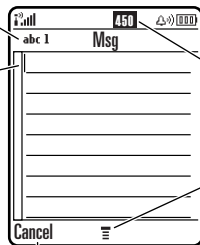
- Scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight an option.
- In an alphabetized list, press a key repeatedly to cycle through its letters

text entry

Some features let you enter text.

For indicator descriptions, see following section.

Flashing cursor indicates insertion point.



Character Counter

Press  to open sub-menu.

Press the **Cancel** key to exit without changes.

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

entry modes	
 or 1	Your Primary text entry mode can be set to any iTAP®  or tap 1 mode.
 or 2	Your Secondary text entry mode can be set to any iTAP  or tap 2 mode, or set to None if you don't want a secondary entry mode.
123	Numeric mode enters numbers only.
	Symbol 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?

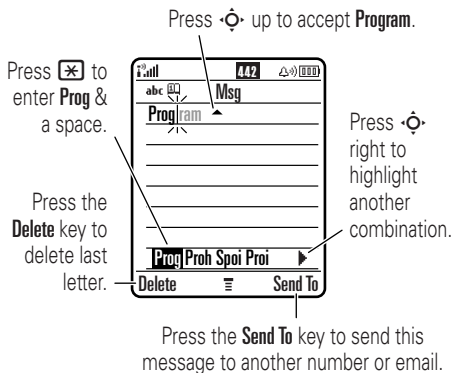
Press  in a text entry screen to change text case to no capital letters (**abc**), next letter capital (**Abc** with , , **1↑**, or **2↑**), or all capitals (**ABC** with , , **1↑**, or **2↑**).

iTAP® mode

Press **#** in a text entry screen to switch to iTAP mode. If you don't see **abc** or **123**, 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 phone displays:



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

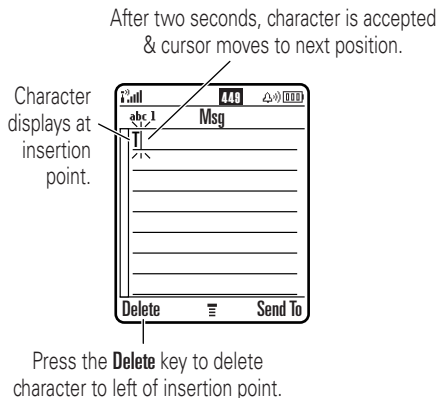
- To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP mode.
- Press **[1]** to enter punctuation or other characters.

tap mode

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 mode as your primary or secondary text entry mode.

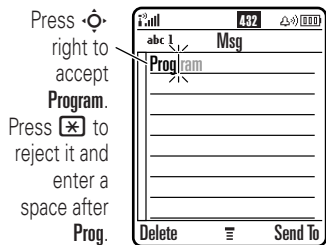
To enter text in tap mode, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.

For example, if you press **[8]** one time, your phone displays:



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 phone might display:



To enter a different word (such as **Progress**), press keys to enter remaining characters.

- The first character of every sentence is capitalized. If necessary, press [arrow down] to change the character to lowercase before the cursor moves to the next position.
- Press [arrow up] to move the flashing cursor to enter or edit message text.

- If you don't want to save your text or text edits, press [X] to exit without saving.
- *Tap extended* mode cycles through additional special characters and symbols as you repeatedly press a keypad key.

numeric mode

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

symbol mode

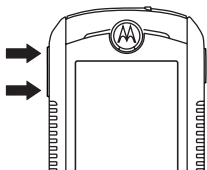
Press [#] in a text entry screen until you see **@**. Press a keypad key to show its symbols at the bottom of the display. Highlight the symbol you want, then press the **Select** key.

volume

Press the volume keys to:

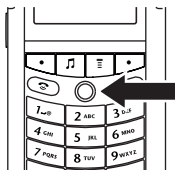
- turn off an incoming call alert
- change the earpiece volume during a call
- change the ringer volume from the home screen

Tip: Sometimes silence really is golden. That's why you can quickly set your ringer to **Vibrate** or **Silent** by pressing the down volume key repeatedly in the home screen.



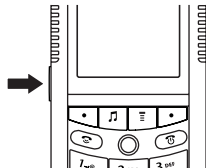
navigation key

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. The center key usually does the same thing as the right soft key.



smart key

The smart key gives you another way to do things. For example, when you highlight a menu item, you can press the



smart key to select it (instead of pressing the **Select** key). The smart key usually does the same thing as the right soft key. To change what the smart key does in the home screen, see page 67.

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 phone displays **Spkrphone On** until you turn it off or end the call.

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

Note: The use of wireless devices and their accessories may be prohibited or restricted in

certain areas. Always obey the laws and regulations on the use of these products.

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** or call barring passwords.

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, PIN2 code, or call barring password, contact your service provider.

lock & unlock phone

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

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

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

Note: You can make emergency calls on a locked phone (see page 53). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

airplane mode

You can put your phone in airplane mode to safely access your address book, games, camera, and music in areas where cellular network access is prohibited (i.e. during airline flights and in hospitals). You can lock your keypad to prevent accidental key presses.

To turn airplane mode on or off: Press  > **Settings** > **Airplane Mode** > **Airplane Mode** > **On** or **Off**.

Note: Do you travel often on an airplane? Do you want your phone to prompt you each time it is turned on for Airplane Mode? Press  > **Settings** > **Airplane Mode** > **Set Prompt** > **On** or **Off**.

customize

ring style

Each ring style profile uses a different set of sounds or vibrations for incoming calls and other events. Here are the profiles you can choose:



The ring style profile's indicator displays at the top of your home screen. To choose your profile:

Find it: Press  > **Settings** > **Ring Styles** > **Style** > *style name*

change alerts in a ring style

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

Find it: Press  > **Settings** > **Ring Styles** > **Style Detail**

Note: *Style* represents the current ring style. You can't set an alert for the **Silent** ring style setting.

- 1 Highlight **Calls** (or **Line 1** or **Line 2** for dual line phones), then press the **Change** key to change it.
- 2 Highlight the alert you want, then press the **Select** key.

- 3 Press the **Back** key to save the alert setting.

time & date

You need to set your phone's time and date to use the datebook.

Find it: Press  > **Settings** > **Initial Setup** > **Time and Date**

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

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

Note: To choose an analog or digital clock for your home screen, press  > **Settings** > **Personalize** > **Home Screen** > **Clock**.

wallpaper

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

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

options	
Picture	Select a picture for your wallpaper image, or None for no wallpaper.
Layout	Select Center to center the image in the display, Tile to repeat the image across the display, or Fit-to-screen to stretch the image across the display.

screen saver

Set a photo, picture, or animation as a screen saver image. The screen saver displays when 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	
Picture	Select an image for your screen saver, or None for no screen saver.
Delay	Select the length of inactivity before the screen saver displays.

themes

A *phone theme* is a group of image and sound files that you can apply to your phone. Most themes include a wallpaper image, screen saver image, and ring tone. Your phone may come with some themes, and you can download more.



To **apply** a theme: Press  > **Multimedia/Sounds** > **Themes** > *theme*.

To **download** a theme, see page 72.

To **delete** a theme: Press  > **Multimedia/Sounds** > **Themes**, scroll to the theme, and press  > **Delete** or **Delete All**.

Note: You can delete only downloaded themes.

display appearance

To choose a phone **skin** that sets the look and feel of your phone's display: Press  > **Settings** > **Personalize** > **Skin**.

To save battery life, your **backlight** turns off when you're not using your phone. The backlight turns back on when you press a 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 press a 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** > **Multi-key** > **On** or **Off**

vibrations

Some ring tones include vibrations. To set this option:

Find it: Press  > **Settings** > **Initial Setup** > **Vibe Sync** > **On** or **Off**

calls

To make and answer calls, see page 13.

turn off a call alert

You can press the volume keys to turn off a call alert before answering the 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.

Find it: Press  > **Recent Calls**

- 1 Highlight **Received Calls** or **Dialed Calls**, then press the **Select** key.
- 2 Highlight 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	
Store	Create a phonebook entry with the number in the No. field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.

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

redial

- 1 Press  from the home screen to see the dialed calls list.
- 2 Highlight 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, displays **Redial Successful**, and connects the call.



return a call

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

- 1 Press the **View** key to see the received calls list.
- 2 Highlight 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 a phonebook entry with the number in the **No.** field, press the **Store** key.
- To open the **Dialing Menu** to attach a number or insert a special character, press .

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

You can set your phone to play a distinctive ringer ID for specific entries stored in your phonebook (see page 60).

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 phonebook entries 1 through 9, press and hold the single-digit speed dial number for one second. (To store phonebook entries on your phone, see page 58.)

You can set 1-touch dial to call the entries in your phone's memory phonebook, your SIM card's phonebook, or your Fixed Dial list:

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

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 displays the voicemail message indicator  and **New Voicemail**. Press the **CALL** key to listen to the message.

To **check** voicemail messages:

Find it: Press  > **Messages** > **Voicemail**

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

Note: You can't store a **p** (pause), **w** (wait), or **n** (number) character in this number. If you

want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail.

other features

advanced calling

features	
conference call	
During a call:	
Dial next number, press  , press the Link key.	
transfer a call	
During a call:	
 > Transfer , dial transfer number, press 	

features

attach a phone number



Dial an area code or prefix for a phonebook number, then:

 > **Attach Number**

speed dial



Speed dial a phonebook entry:

Enter speed dial number, press , press .

To store phone book entries on your phone, see page 62.

Tip: If you forget Aunt Mildred's speed dial number, press  > **Phonebook**, highlight her entry, and press the **View** key.

features
call forwarding  Set up or cancel call forwarding:  > Settings > Call Forward
call barring  Restrict outgoing or incoming calls:  > Settings > Security > Call Barring
TTY calls  Set up your phone for use with an optional TTY device:  > Settings > Initial Setup > TTY Setup

features
change phone line  If you have a dual-line-enabled SIM card, you can change your line to make and receive calls from your other phone number.  > Settings > Phone Status > Active Line The active line indicator shows the active phone line (see page 35).
fixed dial  When you turn on fixed dialing, you can call only numbers stored in the fixed dial list. 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 service phone numbers:

 > Office Tools > Dialing Services > Service Dial

quick dial



Dial preprogrammed phone numbers:

 > Office Tools > Dialing Services > Quick Dial

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:

Highlight a number in the phonebook or recent calls lists, then press  > Send Tones.

phonebook

features

add new entry

 > Phonebook

 > New > Phone Number or Email Address

Shortcut: Enter a phone number in the home screen, then press the **Store** key to create an entry for that number.

Tip: One phone isn't enough for some people. When creating a phonebook entry, select **More** to store another number for the same **Name**.

features

dial number

Call a number stored in the phonebook:

 > **Phonebook**, highlight the phonebook entry, press 

Shortcut: In the phonebook, press a keypad key to jump to entries that begin with the key's letters, or to search for the entry by name (see the following feature).

features

search for entry

To set the phonebook search method:

 > **Phonebook**

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

To search for a phonebook entry, press the keypad key that contains the first letter of the entry. **Jump To** mode immediately jumps to entries that begin with the key's letters.

Find mode prompts you to enter the name or speed number for the entry, depending on how the phonebook list is sorted.

features

set ringer ID for entry

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

 > **Phonebook** > *entry*

 > **Edit/Add** > **Ringer ID** > *ringer name*

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

To activate ringer IDs:

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

set picture ID for entry

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

 > **Phonebook** > *entry*

 > **Edit/Add** > **Picture** > *picture name*

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

features

set category for entry

 > **Phonebook** > *entry*

 > **Edit/Add** > **Category** > *category name*

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

set category view

 > **Phonebook**

 > **Categories** > *category view*

You can display **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  > **Phonebook**, press  > **Categories**, highlight the category, press  > **Edit/Add** > **Ringer ID**

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

To activate ringer IDs:

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

features

set primary number or address

Set the primary number for an entry with multiple numbers:

Tip: You can set only primary numbers for entries stored on your phone. For detailed information about storing phonebook entries on your phone, see page 50.

 > **Phonebook**, highlight the entry, press  > **Set Primary** > *number* or *address*

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

create group mailing list

 > **Phonebook**
 > **New** > **Mailing List**

features

sort phonebook list

Set the order in which entries are listed:

 > **Phonebook**

 > **Setup** > **Sort by** > *sort order*

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

copy phonebook entry

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

 > **Phonebook**, highlight the entry, press

 > **Copy** > **Entries** > **To**

features

send phonebook entry to another device

Use a Bluetooth® connection to send a phonebook entry to another phone, computer, or device:

 > **Phonebook**, highlight the entry, press

 > **Send**

For more about Bluetooth connections, see page 30.

Tip: Remember you can only do this if you have an active Bluetooth connection.

print phonebook entry

messages

For basic multimedia message features, see page 23.

features	
send text message	
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Icons next to each message show if it is unread  , read  , urgent  , locked  , or has an attachment  . Press  to perform various operations on a message.	
read old email	
 > Messages > Email Msgs	
Press  to perform various operations on a message.	

features

store message objects

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



 > Store

email

Note: Make sure you have an email provider and the following account information: ISP settings, protocols, user id, password, and send and receiving host information. Otherwise, you might not get these features to work.



features

composing an email

 > Messages > Create Messages > New Email

features

insert a media object in an email

In the message window, press  > **Add Media**. Select the file type and the file.

send an email

Press **Send To** key. Select who you want to send the message to either through a phonebook entry or **[New Entry]**. Enter a **Subject** for the email, and press the **Send** key.

Tip: You can also add email recipients to the **Cc** and **Bcc** fields, and choose a message priority of Normal or Urgent.

features
view status of sent email  > Message > Outbox Messages are sorted from newest to oldest. If you see a , your message was successfully sent. If a ✕ is displayed, your message could not be sent. Try again, the email provider network could be busy.
receive email  If your phone is set up to automatically check for new messages, your phone will display the message waiting () indicator when a new message arrives. Press the Read key to open the message.
delete email Open the email:  > Delete

features
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call a phone number in email  Highlight a phone number in a message and press .
create personal folders  > Messages > Email Message  > Folder > Create
move email to personal folder After you're done reading the email:  > Move to > [Personal Folder]

personalizing

features
language Set menu language:  > Settings > Initial Setup > Language
scroll Set the highlight bar to stop or wrap around in menu lists:  > Settings > Initial Setup > Scroll
ringer IDs Activate ringer IDs assigned to phonebook entries and categories:  > Settings > Ring Styles > <i>style</i> Detail > Ringer IDs
ring volume  > Settings > Ring Styles > <i>style</i> Detail > Ring Volume

features

keypad volume

 > Settings > Ring Styles > *style* Detail > Key Volume

reminders

Set reminder alerts for messages that you receive:

 > Settings > Ring Styles > *style* Detail > Reminders

clock view

Display an analog or digital clock in the home screen:

 > Settings > Personalize > Home Screen > Clock

Note: To use an analog clock, you must set your news display to **Without News**.

features
menu view Display the main menu as graphic icons or as a text-based list:  > Settings > Personalize > Main Menu > View
main menu Reorder your phone's main menu:  > Settings > Personalize > Main Menu > Reorder
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features
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master reset Reset all options except unlock code, security code, and lifetime timer:  > Settings > Initial Setup > Master Reset

features

master clear

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

 > Settings > Initial Setup > Master Clear

Caution: Master clear **erases all information you have entered** (including phonebook and datebook entries) **and content you have downloaded** (including photos and sounds) stored in your phone's memory. After you erase the information, you can't recover it.

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



Display call timers:

 > Recent Calls > Call Times

in-call timer



Display time information during a call:

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

handsfree

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

features	
speakerphone	
Activate a connected external speakerphone during a call:	
Press the Speaker key (if available), or	
 > Spkrphone On.	
auto answer (car kit or headset)	
Automatically answer calls when connected to a car kit or headset:	
 > Settings > Car Settings or Headset	
> Auto Answer	

features	
voice dial (headset)	
Enable voice dial with headset send/end key:	
 > Settings > Headset > Voice Dial	
auto handsfree (car kit)	
Automatically route calls to a car kit when connected:	
 > Settings > Car Settings > Auto Handsfree	
power-off delay (car kit)	
Set the phone to stay on for a specified time after the ignition is switched off:	
 > Settings > Car Settings > Power-Off Delay	

features

charger time (car kit)



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

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

data & fax calls

features



send data or fax



Connect your phone to the device, then place the call through the device application.



receive data or fax



Connect your phone to the device, then answer the call through the device application.

network

features

network settings

Display network information and adjust network settings:



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

personal organizer

features

add new datebook event

 > **Tools** > **Datebook**, highlight the day, press , press  > **New**

view datebook event

Display or edit event details:

 > **Tools** > **Datebook**, highlight the day, press , press the **View** key

features

datebook event reminder

When an event reminder displays:
To see reminder details, the **View** key.
To close the reminder, press the **Exit** key.

send datebook event to another device

Use a Bluetooth® connection to send a datebook event to another phone, computer, or device:

 > **Tools** > **Datebook**, highlight the day, press , highlight the event, press  > **Send**

For more about Bluetooth connections, see page 30.

calculator

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

features

currency converter

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

 > **Exchange Rate**

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

security

features

SIM PIN

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

Lock or unlock the SIM card:

 > **Settings** > **Security** > **SIM Pin**

features

SIM lock feature

 > Settings > Security > Lock Application

manage certificates



Enable or disable Internet access certificates stored on your phone:

 > Settings > Security > Certificate Mgmt

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

fun & games

features

manage pictures



Manage photos, pictures, and animations:

 > Multimedia/Sounds > Pictures

features

manage sounds

Manage ring tones and music that you have downloaded or composed:

 > Multimedia/Sounds > Sounds

manage video clips

Manage video clips:

 > Multimedia/Sounds > Videos

start micro-browser



 > Internet > Browser

download objects from web page



Download a picture, sound, or phone theme from a Web page:

Highlight the file, press the **Select** key, press the **Store** key.

Note: Normal airtime and/or carrier usage charges apply.

troubleshooting

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

Go to

www.motorola.com/consumer/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-866-730-5407 (United States and Canada), or 1-888-390-6456 (TTY/TDD United States for hearing impaired).

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

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does

not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.01 W/kg, and when worn on the body, as described in this user guide, is 0.91 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.68 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).²

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

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular

Telecommunications & Internet Association (CTIA) Web site:

<http://www.phonefacts.net>

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

<http://www.cwta.ca>

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

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U.S. patent Re. 34,976



MOTOROLA

IMPORTANT SAFETY AND LEGAL INFORMATION >

Software Copyright Notice

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

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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.

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

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

Operational Precautions

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

External Antenna Care

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

complying with local regulatory requirements in your country.

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

Product Operation

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

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

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

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

RF Energy Interference/Compatibility

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

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

Follow Instructions to Avoid Interference Problems

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

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

Pacemakers

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

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from your pacemaker when the mobile device is turned ON.

- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

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

Driving Precautions

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

When using your mobile device while driving, please:

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

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

Operational Warnings

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

Automobile Air Bags

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

Potentially Explosive Atmospheres

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

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

Damaged Products

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

Batteries and Chargers

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

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

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

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

Choking Hazards

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

Glass Parts

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

Seizures/Blackouts

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

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

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

Repetitive Motion

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

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a

consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.

Products Covered	Length of Coverage
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Consumer and Professional Two-Way Radio Accessories.	Ninety (90) days from the date of purchase by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Products and Accessories that are Repaired or Replaced.	The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

Exclusions

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

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

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product

resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and

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

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

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched

board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

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

Software

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

Exclusions

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any

hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media.

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

Who Is Covered?

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

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or

Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	Phones 1-800-331-6456 Pagers 1-800-548-9954 Two-Way Radios and Messaging Devices 1-800-353-2729
Canada	All Products 1-800-461-4575
TTY	1-888-390-6456

For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.

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

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE

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Hearing Aid Compatibility with Mobile Phones

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

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

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

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

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

Drive Safe, Call Smart SM

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 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.*

* Wherever wireless phone service is available.

