

INSTRUCTION MANUAL

A representative version of the user's manual follows:



# User Guide

MOTOROLA **CITRUS**



**MOTOROLA**



# Congratulations

## MOTOROLA CITRUS

- **Browsing.** Get more from the Web—search, browse, everything you want to do, all made easier.
- **Entertainment, and more.** Easy access to Google and thousands of Android applications to expand your world.

**Caution:** Before assembling, charging or using your phone for the first time, please read the important legal and safety information packaged with your phone. Once your phone is up and running, touch Menu  > **Settings** > **About phone** > **Safety information** to read the full information.

## More

- **Answers:** Touch **Launcher icon**  > **Help Center.**

You can also flick your home screen left or right to see the Getting Started and Tips & Tricks widgets.

- **Updates:** Phone updates, PC software, online help and more at [www.motorola.com/mycitrus](http://www.motorola.com/mycitrus).
- **Accessories:** Find accessories for your phone at [www.motorola.com/products](http://www.motorola.com/products).

### Notes:

- All screen shots in this guide are simulated. Actual displays may vary.
- Instructions to perform tasks in this guide may change depending on the software version on your phone.
- Unless specified otherwise, all instructions to perform tasks in this guide assume that you are starting from the home screen.

## Your phone

the important keys & connectors



**Note:** Your phone might look a little different.

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## Let's go

let's get you up and running

### Assemble & charge

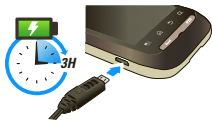
- 1 Cover off
- 2 MicroSD in (may already be inserted)



- 3 Battery in
- 4 Cover on



- 5 Charge up




**Caution:** Please read the battery use and safety text in the important legal and safety information packaged with your phone.


### Set up & go

The first time you turn on your phone, a setup wizard guides you through signing in to your existing Google™ account. If you don't have a Google account, you can create one using the wizard.

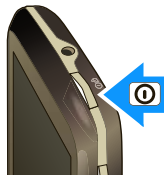
**Tip:** Remember to write down your user name and password, and keep them in a safe place.

### Turn it on & off


To turn on your phone, press and hold Power  (on top of the phone).

To turn off your phone, press and hold Power , then touch

**Power off** on the screen.



### Wi-Fi™ connect

If you want to use a Wi-Fi™ computer network for even faster Internet access, touch Menu  > **Settings** > **Wireless & networks**. Touch Wi-Fi to turn on **Wi-Fi**, then touch **Wi-Fi settings** to set up Wi-Fi access points.

## Cool content & more

Browse and download thousands of the coolest apps on the planet from Android Market™.

Your phone comes with a microSD memory card installed—you can load it up with photos, videos, and music from your computer using “USB connection” on page 34.

## Touchscreen & keys

*a few essentials*

### Touch tips


Here are some tips on how to navigate around your phone.

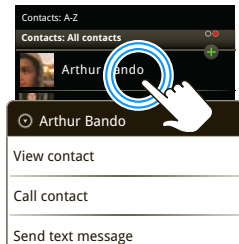
#### Touch

To choose an icon or option, *touch* it.



#### Touch & hold

To open special options, *touch and hold* an icon or other item. Try it: In the home screen, touch  **Contacts**, then touch and hold a contact to open options.



## Drag

To scroll through a list or move slowly, *drag* across the touchscreen. Try it: In the home screen, touch **Contacts**, then drag your **Contacts** list up or down.

**Tip:** When you drag or flick a list, a *scroll bar* appears on the right. Drag the scroll bar to move the list to a letter A - Z.



## Flick


To scroll through a list or move quickly, *flick* across the touchscreen (drag quickly and release).

**Tip:** When you flick a long list, touch the screen to stop it from scrolling.

## BACKTRACK

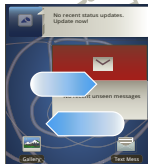
Only one hand free to use your phone? No problem—just use **BACKTRACK** and **BACKTRACK**

**Cursor** with the BACKTRACK pad, on the back of your phone.

**Find it:** Menu  > **Settings** > **BACKTRACK** > **BACKTRACK**

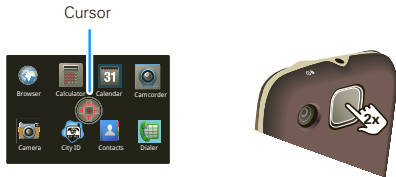
**Find it:** Menu  > **Settings** > **BACKTRACK** **Cursor**

When **BACKTRACK** is enabled, you can navigate screens by using the BACKTRACK pad just like the touchscreen. Touch the pad and flick up and down or left and right.





When **BACKTRACK Cursor** is enabled, you can use a cursor to select an icon or option.



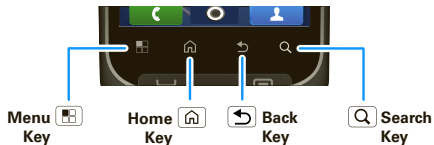
The a cursor appears on the screen when you double-tap the BACKTRACK pad. Use **BACKTRACK** to move the cursor around. When you place the cursor on an icon or option, double-tap the BACKTRACK pad to select it.



### Zoom

Get a closer look at maps or web pages. To zoom in, *double-touch* the screen. To zoom out, *double touch* the screen again.

## Key tips

### Menu, home, & back





Touch Home  to close any menu or app and return to the home screen. In the home screen, touch and hold Home  to show the last few apps you used, then touch an app to open it.


Touch Search  for text search.

Touch Menu  to open menu options, or press Back  to go back.

### Sleep & wake up


To save your battery, prevent accidental touches, or when you want to wipe smudges off your touchscreen, put the touchscreen to sleep by pressing Power . To wake up the touchscreen, just press Power  again, or open the phone.



To change how long your phone waits before the screen goes to sleep automatically, touch Menu  > **Settings** > **Sound & display** > **Screen timeout**.

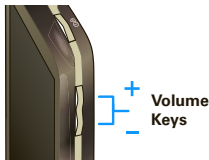
**Tip:** To make the screen lock when it goes to sleep, use “Screen lock” on page 37.

### Power key menu

Press and hold Power  to open the power key menu, where you can turn off the phone (**Power off**), or turn **Airplane mode** or **Silent mode** on or off.

### Adjust volume

Press the volume keys to change the ring volume (in the home screen), or the earpiece volume (during a call).






### Rotate the screen

The touchscreen can rotate 90 degrees to stay right-side up when you rotate your phone:

**Find it:** Menu  > **Settings** > **Sound & display** > **Orientation**

## Quick tips


If ever you're not sure what to do next, try one of these:

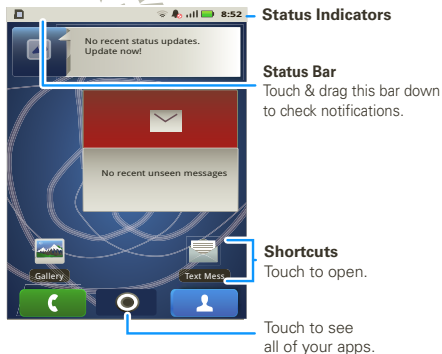
|                           |  |   |
|---------------------------|--|---|
| To...                     |  |   |
| <b>Get the details</b>    | —Open a text message, see details for a contact, or open items in other lists. | Touch the message, contact, or item.  |
| <b>See screen menu</b>    | —Open a menu for the current screen.   | Touch Menu   |
| <b>See item options</b>   | —Open an options menu (if available) for an item on the screen.                | Touch & hold the item.  |
| <b>Start again</b>        | —Go back to the home screen.   | Touch Home   |
| <b>Wake up your phone</b> | —Turn on a sleeping touchscreen.   | Press Power  |

## Home screen

quick access to the things you need most

### Quick start: Home screen

The *home screen* gives you all your latest information in one place. It's what you see when you turn on the phone or touch Home  from a menu. It's basically like this:




**Note:** Your home screen might look a little different.

You can flick the home screen left and right to see more panels, five in all. You'll have plenty of room for adding shortcuts, widgets, and more.

## Widgets


A *widget* is small app on the home screen that typically displays information such as weather, news, and social networking updates. You can add a widget, such as a clock, music player, or a calendar that shows upcoming appointments. To open a widget, touch it.

To add a widget, touch an empty spot on the home screen. (You can also touch Menu  > **Add > Widgets.**) If your home screen is full, you won't see the add option. You'll need to move or delete widgets or shortcuts to make room.


You can change a widget's size. Just touch and hold the widget. When the widget's outline turns white, drag one of the corners to make it the size you want.

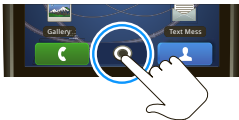
**Note:** If you install apps from Android Market that have widgets, touch and hold the home screen, then select a widget to add to the home screen.

## Shortcuts

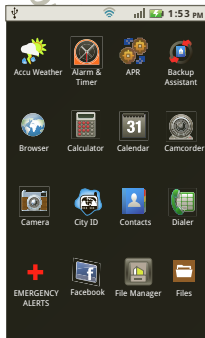
To add shortcuts to the home screen, open the app menu, then touch and hold the shortcut you want. It will be added to the home screen. Or, touch Menu  > **Add > Shortcuts.**

## App tray



The app tray shows you all of your applications. To open the app tray from the home screen, touch the **Launcher icon** .



Click up and down to see all of your apps. Any new apps that you download (see "Android Market™" on page 16) are added to the app tray.

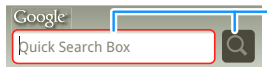


## Recent apps

Touch and hold Home  to see the last few apps you used, then touch the app you want. Touch Home  to return to the home screen.

## Search

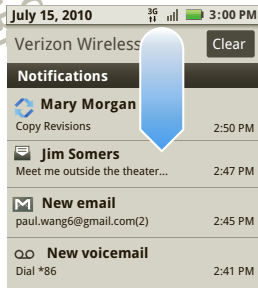
To search, touch Search  on the front of the phone.



















Touch the text box & type using the touch keypad. Then touch the icon to begin the search.

## Phone status & notifications

The status bar at the top of the screen contains icons that tell you about messages and phone status. To view your notifications, touch the status bar and drag it down.



Icons on the right tell you about phone status:

|   |                     |   |                       |
|---|---------------------|---|-----------------------|
|   | Bluetooth® active   |   | network (full signal) |
|  | GPS active          |  | network (roaming)     |
|  | Wi-Fi active        |  | 3G (fastest data)     |
|  | downloading         |  | airplane mode         |
|  | vibrate             |  | sync active           |
|  | silent              |  | alarm set             |
|  | mute call           |  | battery (charging)    |
|  | speakerphone active |  | battery (full charge) |

**Tip:** To see today's date, touch and hold the status bar at the top of the screen.

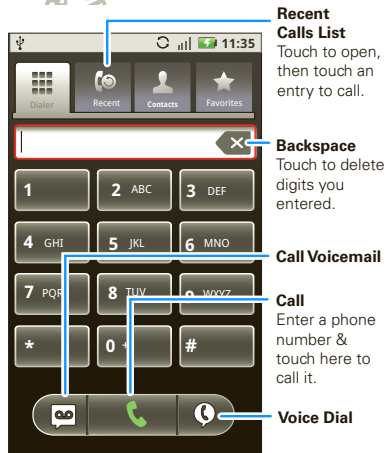
## Calls

*it's good to talk*

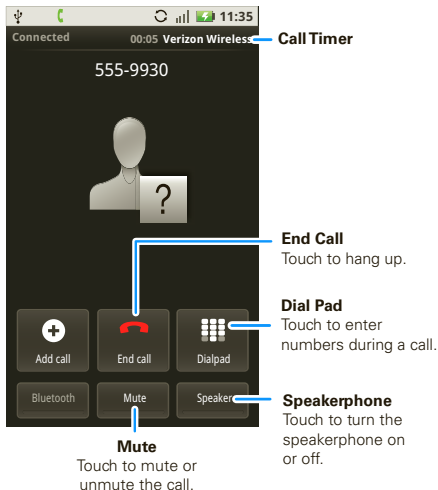
Quick start: Calls

Dialing options

Find it:  Dialer



## In-call options



During a call:

- To use the speakerphone, touch **Speaker**.
- To mute a call, touch **Mute**.

- To enter numbers during a call, touch **Dialpad**.
- To use a Bluetooth® device, touch **Bluetooth** (The device must be turned on and previously paired—see “Connect new devices” on page 32).

**Tip:** You can touch Home (🏠) or Back (↶) to leave the active call display. To reopen it, touch **Dialer** > **Return to call in progress**.

To mute a call, touch **Mute**.

## Make & answer calls

To make a call, touch **Dialer**, enter a number, then touch **Call**.

To answer a call, drag to the right.

To end a call, touch **End**.

To ignore a call, drag to the left.

## Recent calls

**Find it:** **Dialer** > **Recent Calls**

- To call a number, touch it.
- To send a text message, create a contact, view a contact, or other options, touch and hold an entry.
- To clear the list, touch Menu (☰) > **Clear call log**

## Call a contact

**Find it:** **Dialer** > **Contacts**

To call a number, touch it.

## Conference calls


To start a conference call, call the first number. After they answer, touch **Add call** and call the next number. When the next number answers, touch **Merge call**.

## Your phone number

**Find it:** Menu  > **Settings** > **About phone** > **Status** > **My phone number**

## Emergency calls

**Note:** 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. Emergency numbers vary by country. Your pre-programmed 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 Touch  **Dialer** (if your phone is locked, touch **Emergency Call**).
- 2 Enter the emergency number.
- 3 Touch **Call** to call the emergency number.

**Note:** Your mobile device can use GPS and AGPS signals to help emergency services find you. See “GPS & AGPS” in your legal and safety information.



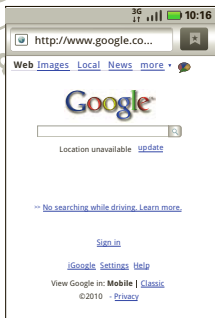
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& PROPRIETARY INFORMATION

## Web

you don't need a PC, surf the web with your phone

### Quick start: Browser

Find it: **Launcher icon** >  >  **Browser**




**Note:** If you can't connect, contact your service provider.

### Connect

Your phone uses the mobile phone network (over the air) to automatically connect to the Web.

**Note:** Your service provider may charge to surf the Web or download data.


To use a wireless network, touch Menu  > **Settings** > **Wireless & networks**. Touch **Wi-Fi** to turn it on and touch **Wi-Fi settings** to search for nearby wireless networks. Touch a network to connect.

### Select web links

When you touch a link, your phone outlines it and goes to that page. If you touch and hold the link, your phone shows options, like **Open in new window** or **Bookmark link**.



### Browser options

Touch Menu  to see browser options:

| options           |   |
|-------------------|---|
| <b>New window</b> | Open a new browser window.                        |
| <b>Bookmarks</b>  | See your bookmarks.                               |
| <b>Windows</b>    | View the browser windows that are currently open. |
| <b>Refresh</b>    | Reloads the current page.                         |



options

**Back/Forward** Navigate to previously viewed pages.

**More** Shows browser options, like **Add bookmark, Find on page, Select text, Page info, Share page, Downloads,** and **Settings.**

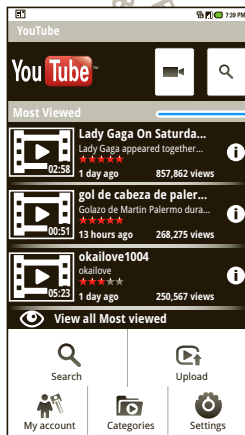
## YouTube™

*go and create your own classic*

### Quick start: YouTube™


Post that great video you've taken and see how many hits you get.

**Find it: Launcher icon**  >  **YouTube**



#### Categories


Touch a video to play.

Press Menu  to show options.

YouTube user-generated content web site lets you share videos with YouTube users everywhere. You don't need a YouTube account to browse and view videos.

**Note:** If you don't have a YouTube account, visit <http://www.youtube.com> to find out more. To create an account or sign in, go to "Your account" on page 15.

## Watch videos

See popular video categories, like Most viewed, Most discussed and Most recent. Touch a category, then touch the video to start playing it. To see more video categories, touch Menu  > **Categories**. To see a video in high quality, touch **HQ**.


## Search for videos

**Find it:** Menu  > **Search**

Enter text, then touch . To clear your search history, touch Menu  > **Settings** > **Clear search history**.

## Share videos

Send someone a link to a video that you are watching.

- 1 Touch Menu  > **Share**.
- 2 Address and complete your email, then touch **Send**.

## Your account

Log in or create account

**Find it:** Menu  > **My account**

- 1 To create your YouTube account, touch the "Don't have a YouTube account? Click **here** to create one" link.

If you already have a YouTube account, enter your user name and password, and touch **Sign in**.

- 2 For a new account, enter a user name, and complete the fields, then touch **I accept**.

Upload videos

**Find it:** Menu  > **Upload**

- 1 Touch the video you want to upload. You can change the video title, description, set the access, and add tags.
- 2 Touch **Upload**.


## Apps for all

get the app you want

### Android Market™

**Note:** You must set up a Gmail™ account (see “Gmail” on page 20) in order to buy and download apps from the Android Market.

**Find it:** Home  >  **Market**

Get all the fun games and cool apps you want! Market provides you with access to software developers everywhere, so you can find the app you want. If you need help or have questions about Android Market, touch Menu  > **Help**.


### Browse & install apps

Scroll to and touch the app you want to install. Then, touch **Install** (if app is free) or **Buy**.

**Warning:** If an app you are downloading requires access to your data or control of functions on your phone, you'll be asked to give your permission. After selecting **Install**, the app will download. After selecting **Buy**, you may be asked to sign in to an additional Google account. Sign in and select **Purchase now** to proceed. Follow the on-screen instructions. To see the download progress, open the notifications window.

After you download an app, the icon for that app appears on your Applications tab (see “App tray” on page 9).

### Manage & restore apps

To manage your apps, from your phone's home screen touch Menu  > **Settings > Applications > Manage applications**.

Touch the app to open the details screen—from here you can review, uninstall, and more.

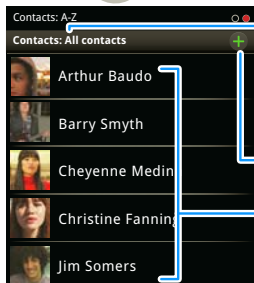
To reinstall any downloaded items, touch Home  >  **Market > Download**. All previously installed apps are listed and available for download.

# Contacts


*contacts like you've never had before*

## Quick start: Contacts

Find it:  **Contacts**




### Group

Touch Menu  to choose which group to show (like All or Favorites).

### Create Contacts

### Contacts List

Touch to view contact information. Touch & hold to call, send a text message, & more.

**Tip:** To search the list, just open your phone and type a name, or simply touch Search  and type using the touchscreen keypad. When you flick or drag this list, a scroll bar appears on the right. Drag the scroll bar to move the list faster.

## Call, text, or email contacts

Find it:  **Contacts**

For **View contact**, **Call contact**, **Text contact**, **Add to favorites**, or other options, touch and hold the contact.

## Edit or delete contacts

Find it:  **Contacts**

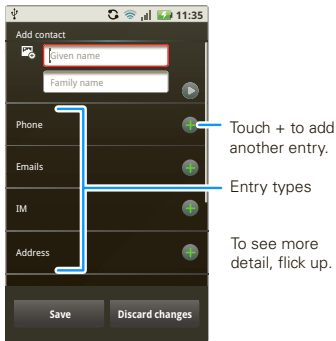
Touch the contact, then touch Menu  > **Edit contact** or **Delete contact**.

**Tip:** When editing a contact, you can set a ringtone, address, and other details that will be saved on your phone.

## Create contacts



Find it:  **Contacts** > Menu  > **New contact**

Select the account to save the contact to, then type the contact name and details.



When you're finished, touch **Done**.

## Group

**Find it:**  **Contacts** > Menu  > **Display options**

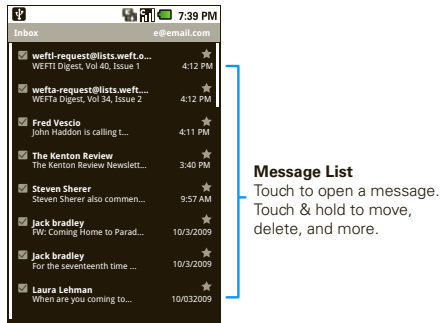
You can put your **Contacts** into groups that you create (like "friends," "family," or "work"). Then, you can find contacts faster by showing one group at a time.

## Messaging

*sometimes it's best 2 text, or IM, or email . . .*

### Quick start: Text messaging

**Find it:**  >  **Text Messaging**




**Tip:** To see more messages, flick or drag up.

### Read & reply to messages


- To open a message and all of its replies, touch it.
- To respond to a message, just open it and enter your response in the text box at the bottom.
- To open options, touch and hold a message.

## Create messages

**Find it:** Launcher icon  > **Messaging** > **New Text Message**

Enter the recipient and message. In text messages and emails, touch Menu  for options.

## Send & receive attachments

To send a file in a message, open a new message and touch Menu  > **Insert**.

When you receive a message with an attachment, open the message and touch the file name to download it. Then, touch the name again to open it. Some file formats can be converted to HTML for faster viewing, and your phone will show a button that says **Get HTML version**.

While viewing the attachment, touch it to save it, share it, and more.

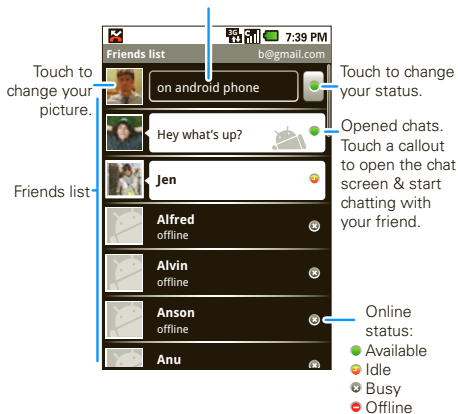
**Tip:** To send and receive large attachments faster, use a Wi-Fi connection, in “Wi-Fi” on page 33.


## Google Talk™

Google Talk instant messaging lets you chat with other Google Talk users on phones or on the web.

**Find it:** Launcher icon  > **Talk**

Touch to change your online status message.




Touch Menu  to see a list of your Google Talk friends, send invitations to add new friends, and much more.

## Gmail



### Create a new email

**Find it:** **Launcher icon**  >  **Gmail** >  Menu > **Compose**

Enter the recipient email address and message, then touch **Send**.

**Tip:** Touch Menu  for options, like **Attach** or **Add Cc/Bcc**.

### Tips

- To **search** in Gmail for messages, touch Menu  > **Search**.
- To **set new email notifications**, such as having a special sound play when you receive a message, touch Menu  > **Settings** > **Email notifications**, then select the ringtone and vibrate options.
- To label an email thread, touch and hold a message, then touch **Change labels**.

## E-mail

### Set up an account


**Find it:**  >  **Mobile Email**

The **Mobile Email** setup wizard will guide you through setting up your email account.

### Create a new email





**Find it:** **Launcher icon**  >  **Mobile Email** >  Menu > **Compose**

Enter the recipient email address and message, then touch **Send**.

**Tip:** Touch Menu  for options, like **Attach** or **Add Cc/Bcc**.

### Instant messages

To send and receive instant messages, you can use an instant messaging app (such as Google Talk™) or your browser.

- To download and use an instant messaging app, touch **Launcher icon**  >  **Market** > **Apps** > **Communication**, then choose an app for your provider. Once you download the app, you'll see it on your Applications tab (see "App tray" on page 9).
- If you don't see an app for your IM provider, you can use your Web browser. Touch **Launcher icon**  >  **Browser**, then enter your provider's Web site and touch **Go**. Once you're there, follow the link to sign in.

**Note:** Your IM options will depend on your IM provider. To browse instant messaging apps from your computer, go to <http://www.android.com/market>.

## Voicemail

When you have a new voicemail, **vo** shows at the top of your screen. To hear the voicemail, touch **vo** **Dialer**, then touch and hold **vo**.

## Text entry

*keys when you need them*

### Touchscreen keypad

You can open a touch keypad on your screen by touching a text field. To close the keypad, touch Back **vo**.

Different keyboards open for different text entry screens. For example, this keyboard opens when you create an email message:



### Letters/Numbers


Touch to open a keypad for symbols or numbers.

### Text entry settings

When you use the touchscreen keypad, your phone suggests words from your dictionary and chosen



language. Your phone also automatically enters apostrophes in some words, like “dont.”









**Find it:** Menu  > **Settings > Language & keyboard**

- To change the language and the style for your touchscreen keypad, touch **Select locale**.
- To edit your dictionary, touch **User dictionary**.
- To change the sounds, corrections, and other settings for your touchscreen keypad, touch **Multitouch-keyboard**.

## Tips & tricks



*a few handy hints*

### General tips

- To return to home screen, touch Home .
- To see recently dialed numbers, touch  **Dialer > Recent**.
- To sleep/wake your phone, press Power .
- To set screen timeout, touch Menu  > **Settings > Sound & display > Screen timeout**.
- To search, touch Search .
- To show last few apps, touch and hold Home .
- To turn sound on/off, press and hold Power  > **Silent mode**.
- To turn airplane mode on/off, press and hold Power  > **Airplane mode**.

### Battery tips

Want to extend your battery life? Try these:

- To turn off automatic applications sync, touch Menu  > **Settings > Accounts**, then touch an account and change sync settings.
- To turn off Bluetooth power, touch Menu  > **Settings > Wireless & networks > Bluetooth**.

- To turn off Wi-Fi, touch Menu  > **Settings** > **Wireless & networks** > **Wi-Fi**.
- To add a **Power Control** widget to your home screen, touch Menu  > **Add** > **Android Widgets** > **Power Control**.

**Note:** The **Power Control** widget is a simple way to enable/disable Wi-Fi, Bluetooth® wireless, GPS, Sync (turns on/off all active accounts, Google, and Exchange), and display brightness.

## Personalize

*add your personal touch*

### Widgets

- 1 Find an empty spot on your home screen where you want to add a widget, then touch and hold.  
**Tip:** You can flick left or right to open other panels on your home screen.
- 2 Touch **Android Widgets** or **Motorola Widgets**.
- 3 Touch the type of widget. If necessary, enter the widget settings.

You can customize some widgets. Touch a widget to open it, then touch Menu .

### Ringtones

To personalize your ringtones:

**Find it:** Menu  > **Settings** > **Sound & display**

To set your ringtone for incoming calls, touch **Phone ringtone**.

To set the ringtone for notifications such as alarms and reminders, touch **Notification ringtone**.

To set your vibrate options:




**Find it:** Menu  > **Settings** > **Sound & display** > **Phone vibrate**

## Wallpaper



To apply a new wallpaper:

- 1 Find an empty spot on your home screen, then touch and hold.
- 2 Touch **Wallpapers**.
- 3 Touch **Media gallery** to select a photo as your wallpaper, or touch **Wallpapers** to choose a wallpaper that comes with your phone.

## Sounds

- To set volume for media and videos, touch Menu  > **Settings** > **Sound & display** > **Media volume**.
- To play tones when using dial pad, touch Menu  > **Settings** > **Sound & display** > **Audible touch tones**.
- To play sound on a screen selection, touch Menu  > **Settings** > **Sound & display** > **Audible selection**.

## Display settings

- To set display brightness, touch Menu  > **Settings** > **Sound & display** > **Brightness**.
- To set orientation, touch Menu  > **Settings** > **Sound & display** > **Orientation**.

- To set animation, touch Menu  > **Settings** > **Sound & display** > **Animation**.

## Date & time

Set date, time, time zone, and formats:

**Find it:** Menu  > **Settings** > **Date & time**

## Language & region

Set your menu language and region:

**Find it:** Menu  > **Settings** > **Language & keyboard** > **Select locale**

## Photos & videos

see it, capture it, share it!

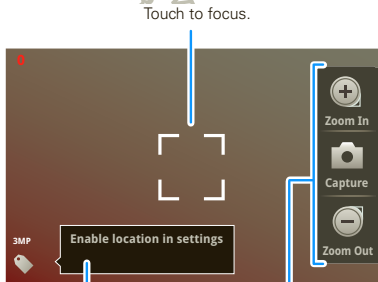
### Photos

#### Take & share photos

Take that family photo, and post it online for everyone to see.

**Note:** To get the clearest photos, wipe the lens clean with a soft, dry cloth before you take a photo.

**Find it:** Launcher icon  >  **Camera**



Tag photos with your location.

**Photo Capture Settings**  
Adjust for greater creative control.

**Note:** Photos are stored on your microSD memory card. **Picture Resolution** is 3MP, unless you change it.

To take the photo, touch , or press the Camera Key .

Immediately touch the captured image to view options:

- To **send** the photo in a message or post it online, touch the image and then touch **Share**. For more info on sharing your photos, see "Share your photo gallery" on page 27.
- To **set** the photo as a wallpaper or contact photo, touch the image and then touch **Set as**.
- To **delete** the photo, touch the image and then touch **Delete**.

#### Photo options

In the viewfinder, touch Menu  > **Settings** to open the camera menu and adjust these settings:

- **Picture Resolution**—**Large(3MP)** for 5" x 7" prints, **Medium(2MP)** for 4" x 6" prints, or **Small(1MP)** for wallet photos.
- **Video Resolution**—For recording video with camcorder, set to **Small(QCIF)**, **Medium(QVGA)**, or **Large(CIF)**.
- **Review Time**—How long your phone displays a new photo before returning to the viewfinder.

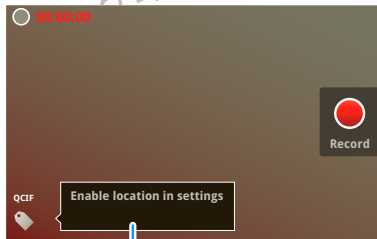
- **Shutter Animation**— Shutter opens and closes at very fast speeds, allowing you to take multiple photos rapidly.

## Videos


### Record & share videos

**Find it:** Launcher icon  >  **Camcorder**

**Note:** To get the clearest photos, wipe the lens clean with a soft, dry cloth before you capture a photo.



Tag videos with your location.

**Tip:** To send your video in a message, set the video quality to **Small(QCIF)** by touching Menu  > **Settings** > **Video Resolution**.

To **record** the video, touch . Touch  to stop the recording.

Immediately touch the captured video to see these options:

- To **send** the video in a message or post it online, touch **Share**. For more info on sharing your photos, see “Share your photo gallery” on page 27.
- To **delete** the video, touch **Delete**.

### Video options

In the viewfinder, touch Menu  > **Settings** to open the video menu (see “Photo options” on page 25).

### View photos & videos


**Find it:** Launcher icon  >  **Gallery**

View your photos

**Find it:** 


>  **Gallery** > **Camera pictures**

Play a slideshow

Touch  >  **Gallery** > **Camera pictures**, touch a picture, then touch Menu  > **More** > **Slideshow** to start a slideshow. To stop the slideshow, touch the display. To return to the gallery, press Back .

Share your photo gallery

**Find it:** 

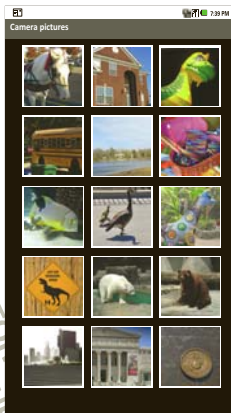
>  **Gallery** > **Camera pictures**

To send your photo in a message or post it online:

- 1 Touch and hold a photo, then touch **Share**.
- 2 Choose how you want to share—like **Bluetooth**, **Email**, or **Messaging**.

Manage your photos

**Find it:** **Launcher icon**  >  **Gallery** > **Camera**



Touch and hold a photo, then:

- To delete the photo, touch **Delete**.
- To set **the** photo as a contact picture or wallpaper, touch More, then **Set as**.

**Tip:** To copy photos to/from a computer, go to "USB connection" on page 34.

Edit your photos

Touch **Launcher icon**  >  **Gallery** > **Camera**, touch & hold *picture*, then touch **More** to see your editing options.

Play your videos

**Find it:** **Launcher icon**  >  **Gallery** > *video*

**Note:** To see the controls while the video is playing, touch the display.

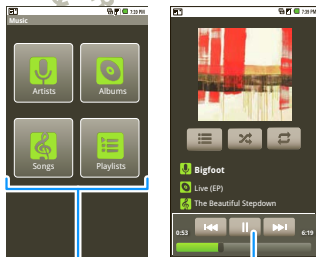
## Music

when music is what you need...

### Quick start: Music

Touch, touch, play—instant music. Just open your music library, then select what you want to play.


**Find it:** Launcher icon  >  **Music**



#### Categories

Touch a category, then touch a song or playlist.

#### Music Controls

**Tip:** When a song is playing, you can add it to a playlist by touching Menu  > **Add to playlist**.

## Set up music

### What music transfer tools do I need?

To put music on your computer and then load it on your phone, you need:

- A Microsoft™ Windows™ PC or Apple™ Macintosh™
- A USB data cable.

### You need a memory card

Your music is stored on your memory card. Your phone supports removable microSD memory cards up to 32 GB capacity. To make sure your memory card is installed, go to “Assemble & charge” on page 3.

**Tip:** To see the available memory on your memory card, touch Menu  > **Settings** > **SD card & phone storage**.

### What audio file formats can I play?

Your phone can play many types of files: AMR-NB/WB, MP3, PCM/WAV, AAC, AAC+, eAAC+, MIDI, OGG, and WMA.

**Note:** Your phone supports DRM-protected files.

### What headphones can I use?

Your phone has a 3.5mm headset jack for wired stereo listening. You can go wireless with Bluetooth® stereo

headphones or speakers (see “Bluetooth® wireless” on page 31).

## Get music

You can transfer music from your computer to your phone by using a USB connection.

For more information on transferring music, see “USB connection” on page 34

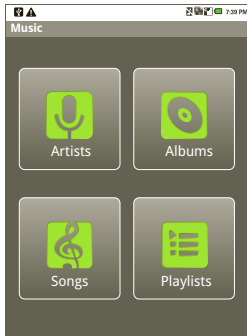
**Tip:** You can also use Windows Media Player to sync music from your PC to your phone. To download Windows Media Player, go to <http://www.microsoft.com/windowsmedia>.

## Play music

### Music library


Open your music library, then select what you want to play.

Find it: **Launcher icon**  >  **Music**



### Categories

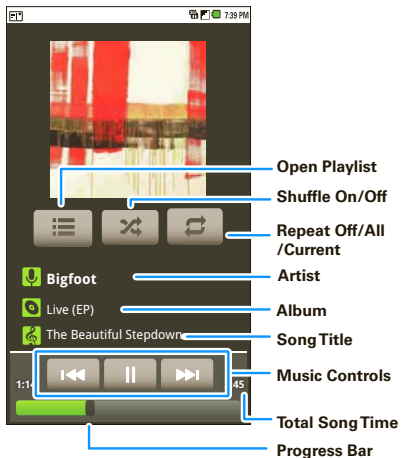
Touch to list songs or playlists.

Your music is stored by artists, albums, songs, and playlists. Touch a category, then touch the song or playlist you want to play. Touch Menu  > **Party shuffle** to randomly play all your songs.



## Music player

Just touch a song or playlist to get going.



## Music player controls

- **Play/pause**—Touch .
- **Previous/next**—Touch .
- **Fast forward/rewind**—Touch and hold .

- **View playlist**—Touch .
- **Shuffle**—Touch .
- **Repeat**—Touch .
- **Volume**—Press the side volume keys.
- **View library**—Touch Menu > **Library**.
- **Turn shuffle on/off**—Touch Menu > **Party shuffle**.
- **Add to playlist**—Touch Menu > **Add to playlist**.
- **Use as ringtone**—Touch Menu > **Use as ringtone**.
- **Delete**—Touch Menu > **Delete**.

## Hide, wake, turn off

Touch and hold Home to use another app. Your music continues to play.

When you see in the status bar a song is playing, flick down to see details. Touch the song to return to the music controls.

To turn off your music touch .

## Playlists

To add a song from the music library to a playlist, touch and hold the song then touch **Add to playlist**. Choose

an existing playlist, or touch **New** to create a new playlist.

To add a song to the playlist you're playing, touch Menu  > **Add to playlist** in the music player.

To edit, delete and rename playlists, touch and hold the playlist, in the music library.

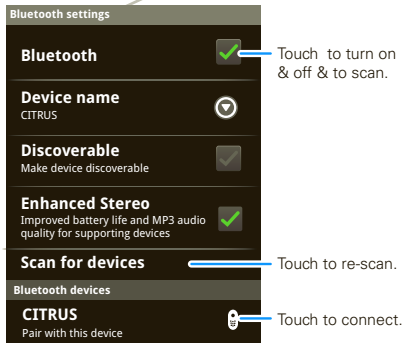
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## Bluetooth® wireless

*lose the wires and go wireless*

### Quick start: Bluetooth wireless

**Find it:** Menu  > **Settings** > **Wireless & networks** > **Bluetooth settings**



### Turn Bluetooth power on or off

**Find it:** Menu  > **Settings** > **Wireless & networks** > **Bluetooth**

**Note:** To extend battery life, turn Bluetooth power off when not in use.

## Connect new devices

**Note:** This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, see “Reconnect devices” on page 32.

- 1 Make sure the device you are pairing with is in discoverable mode.

**Note:** Refer to the guide that came with the device for details.

- 2 Touch Menu  > **Settings > Wireless & networks > Bluetooth settings.**
- 3 Touch **Bluetooth** to turn on and scan. If Bluetooth is already on, touch **Scan for devices.**
- 4 Touch a device to connect.
- 5 If necessary, touch **OK**, or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth indicator  appears in the status bar.

**Note:** Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

## Reconnect devices

To automatically reconnect your phone with a paired device, simply turn on the device.

To manually reconnect your phone with a paired device, touch the device name in the **Bluetooth devices** list.

## Disconnect devices

To automatically disconnect your phone from a paired device, simply turn off the device.

To manually disconnect your phone from a paired device, touch the device name in the devices list, then touch Menu  > **Disconnect.**

## Edit properties

To edit the device name, touch Menu  > **Settings > Wireless & networks > Bluetooth settings > Device name.** Enter a name and touch **OK.**

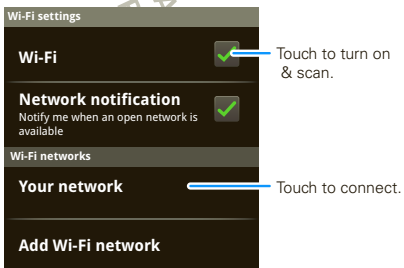
## Wi-Fi

home, office, or hotspot

### Quick start: Wi-Fi

**Find it:** Menu  > **Settings** > **Wireless & networks** > **Wi-Fi settings**

Use a wireless network for fast Internet access and to download data.







### Turn Wi-Fi on or off

**Find it:** Menu  > **Settings** > **Wireless & networks** > **Wi-Fi**.

**Note:** To extend battery life, turn off Wi-Fi power when not in use.

## Wi-Fi search & connect

To find networks in your range:

- 1 Touch Menu  > **Settings** > **Wireless & networks** > **Wi-Fi settings**.
- 2 Touch **Wi-Fi** to turn on and scan. If Wi-Fi is already on, touch Menu  > **Scan**. Your phone lists the networks it finds within range.  
**Tip:** To see your phone's MAC address or other Wi-Fi details, touch Menu  > **Advanced**.
- 3 Touch a network to connect.
- 4 If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**. When your phone is connected to the network, the wireless indicator  appears in the status bar.

**Tip:** When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.

## Memory card & file management

*copy photos, music, and more to your phone*

### Memory card

**Note:** You need the memory card installed for some features on your phone, like **Camera**.

### Delete or share files on your phone

**Find it:** **Launcher icon** > **Files** > **Phone files**

Touch a file or folder to open, then touch and hold a file to **Delete** or **Share**.

### Remove or format your memory card

**Note:** Do not remove your memory card while your phone is using it or writing files on it.

Before you remove or format your memory card you need to unmount it. Touch **Menu** > **Settings** > **SD card & storage** > **Unmount SD card**.


To format your memory card, touch **Format SD card**.

**Warning:** All data on your memory card will be deleted.

### USB connection

You can connect your phone to a computer with a USB cable.

**Note:** The first time you use a USB connection, your computer may indicate that drivers are being installed. Follow any prompts you see to complete the installation. This may take a few minutes.

1 With a memory card inserted, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone's micro USB port to a USB port on your computer. Your phone should show  in the status bar.

**Note:** Make sure to connect the phone to a high power USB port. Typically, these are located directly on your computer.

2 On your phone, flick down the status bar to see the USB connection options.

3 Touch an option:

- **Windows Media Sync**
- **USB mass storage**—Drag and drop files between your computer and memory card folders. When you're done, use "Safely Remove Hardware" before disconnecting the USB cable.

**Note:** You can't use the files on your memory card with your phone while it is connected to the computer.

- **Charge Only**—Use the connection only to charge a device.



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## Tools


*stay on top of things*

### Alarm clock

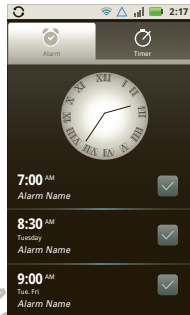
**Find it:** **Launcher icon**  >  **Alarm Clock**

To turn on an alarm, touch the check box.

When an alarm sounds, touch **Dismiss** to turn it off or **Snooze** to delay.


To add an alarm, touch Menu  > **Add alarm**, then enter alarm details.

To enable or disable an alarm, touch the check box.




### Calendar

**Find it:** **Launcher icon**  > **31** **Calendar**

Your calendar events can be viewed in different ways: Touch Menu  > **Agenda**, **Day**, or **Week**. When you highlight an event, more details appear.



## Add calendar events

From any view, touch Menu  > **New event**. Enter the event start time and other details. You can even set a reminder so you don't forget about the event. (When you set the reminder time to **0 minutes**, it plays at the event start time.)

**Tip:** Reminders will play only if you've selected a notification ringtone (see "Ringtones" on page 23).

When you finish entering event details, touch **Save**.

## Manage calendar events



To edit an event, touch and hold it, then touch **Edit event**. When you're done, touch **Save**.

To delete an event, touch and hold it, then touch **Delete event**.

To go to today, touch Menu  > **Today**.

## Calculator

**Find it:** Launcher icon  >  **Calculator**

Your calculator has basic and advanced views. To change views, touch Menu  > **Advanced panel** or **Basic panel**. To clear history, touch Menu  > **Clear history**.

# Management

*stay in control*

## Wireless manager

**Find it:** Menu  > **Settings** > **Wireless & networks**

Manage all your wireless connections: Wi-Fi, Bluetooth®, airplane mode, & mobile networks.

## Airplane mode


Use airplane mode to turn all your wireless connections off—useful when flying.

## Update my phone

To keep your phone current, software updates may be available. Touch Menu  > **Settings** > **About phone** > **System updates** to see if your phone is up to date.

## Network

You should not need to change any network settings. Contact your service provider for help.

Touch Menu  > **Settings** > **Wireless & networks** > **Mobile networks** to show options for roaming networks, network selection, operator selection, and access point names.

## Google data synchronization

**Find it:** Menu  > **Settings** > **Accounts & sync**

The Google apps on your phone give you access to the same personal information (emails, events, and contacts) that you have on a computer using Gmail, Calendar, and Contacts. It's easy to synchronize the Google apps information you want to keep up-to-date.

### Select apps to synchronize

1 Touch **Background data**.

**Tip:** To save battery power do not touch **Background data**.

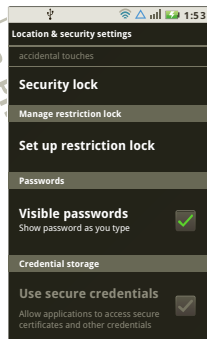
2 Touch **Add account** to add the apps you want to synchronize, like **Google** or **Corporate**.

## Security

*help keep your phone safe*

### Quick start: Security

**Find it:** Menu  > **Settings** > **Location & security**






### Screen lock

**Note:** You can make emergency calls on a locked phone (see “Emergency calls” on page 12). A locked phone still rings, **but you need to unlock it to answer**.


Lock the screen in the following ways:



- Press Power .
- Let the screen time out (don't press anything).
- Switch the power off.

To unlock the screen, press Power , or open the phone. Then, drag  to the right.

### Lock pattern

To set the lock pattern, touch Menu  > **Settings** > **Location & security**.

Follow the instructions to draw your lock pattern.

When prompted, draw the pattern to unlock the phone.

### Passcode lock

To set the passcode, touch Menu  > **Settings** > **Location & security**.

Enter password, then confirm it.

When prompted, enter the password to unlock the phone.

### Forgot your pattern or passcode?

If you forget your pattern or passcode, see your service provider.

## Troubleshooting

*we're here to help*

### Crash recovery

In the unlikely event that your phone stops responding to touches and key presses, try a quick reset. Remove the back cover and battery ("Assemble & charge" on page 3), then replace and switch your phone on as usual.

### Reset

To reset your phone to factory settings and erase all the data on your phone, touch Menu  > **Settings** > **Privacy** > **Factory data reset** > **Reset phone**.

**Warning:** All data on your phone will be deleted.

### Service & repairs

If you have questions or need assistance, go to <http://www.motorola.com/support>, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-734-5870 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

# Safety, Regulatory & Legal

## Battery Use & Safety

**Important: Handle and store batteries properly to avoid injury or damage.**

Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

### DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the mobile device or battery come in contact with water.\*** Water can get into the mobile device's circuits, leading to corrosion. If the mobile device and/or battery get wet, have them checked by your service provider or contact Motorola, even if they appear to be working properly.\*
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your mobile device or battery near a heat source.\*** Excessive heat can damage the mobile device or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
- **Don't dry a wet or damp battery with an appliance or heat source,** such as a hair dryer or microwave oven.

### DOs

- **Do avoid leaving your mobile device in your car in high temperatures.\***
- **Do avoid dropping the battery or mobile device.\*** Dropping these items, especially on a hard surface, can potentially cause damage.\*
- **Do contact your service provider or Motorola if your mobile device or battery has been damaged from dropping or high temperatures.**

\* **Note:** Always make sure that the battery compartment is closed and secure to avoid direct exposure of the battery to any of these conditions.

**Important: Use Motorola Original products for quality assurance and safeguards.** To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection),

Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

**Motorola recommends you always use Motorola-branded batteries and chargers.** Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and try charging it again;
- If the message remains, contact a Motorola authorized service center.

**Important:** Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers.

**Warning:** Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

**Proper and safe battery disposal and recycling:** Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

- [www.motorola.com/recycling](http://www.motorola.com/recycling)
- [www.rbrc.org/call2recycle/](http://www.rbrc.org/call2recycle/) (in English only)

**Disposal:** Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.



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

## Battery Charging

**Notes for charging your product's battery:**

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.

- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

## Driving Precautions

Responsible and safe driving is your primary responsibility when behind the wheel of a vehicle. Using a mobile device or accessory for a call or other application while driving may cause distraction. Using a mobile device or accessory may be prohibited or restricted in certain areas, always obey the laws and regulations on the use of these products.

### While driving, NEVER:

- Type or read texts.
- Enter or review written data.
- Surf the web.
- Input navigation information.
- Perform any other functions that divert your attention from driving.

### While driving, ALWAYS:

- Keep your eyes on the road.
- Use a handsfree device if available or required by law in your area.
- Enter destination information into a navigation device **before** driving.
- Use voice activated features (such as voice dial) and speaking features (such as audible directions), if available.
- Obey all local laws and regulations for the use of mobile devices and accessories in the vehicle.
- End your call or other task if you cannot concentrate on driving.

Remember to follow the "Smart Practices While Driving" in this guide and at [www.motorola.com/callsmart](http://www.motorola.com/callsmart) (in English only).

## Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing videos or 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 videos or 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 tired.

## Caution About High Volume Usage

**Warning:** Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected.



To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our Web site at [direct.motorola.com/hellomoto/nss/AcousticSafety.asp](http://direct.motorola.com/hellomoto/nss/AcousticSafety.asp) (in English only).

## 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.

[Nov0109]

## Small Children

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

These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

## 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.

## Operational Warnings

Obey all posted signs when using mobile devices in public areas.




## 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.

## Symbol Key

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. |

| Symbol  | Definition   |
|---|--|
|   | Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information. |
|  | For indoor use only.   |
|  | Listening at full volume to music or voice through a headset may damage your hearing.                            |

## Radio Frequency (RF) Energy

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

### 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:

- 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.

- 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 Web site 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.

### Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so.

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.

### Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

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

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

## Specific Absorption Rate (IEEE)

### Your model wireless phone meets the governmental requirements for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed and manufactured to not 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 for the safety of all persons, regardless of age or health, and to account for any variations in measurements. The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The IEEE SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 watts per kilogram (W/kg), averaged over one gram of tissue. Tests for SAR are conducted using procedures accepted by the FCC and by Industry Canada with the mobile device transmitting at its highest certified power level in all tested frequencies. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be below the maximum value. This is because the mobile device 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 mobile device 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) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 1.36 W/kg, and when worn on the body, as described in this guide, is 0.42 W/kg. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

While there may be differences between the SAR levels of various mobile devices and at various positions, they 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 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>

## 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>

## FCC Notice to Users

**The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC ID:xxxxxx on the product label.**

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

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. See 47 CFR Sec. 15.19(3).

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 the receiver.
- Connect the equipment to 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.

## Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5. This Class B digital apparatus complies with Canadian ICES-003.

## GPS & AGPS

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

## Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

## Emergency Calls

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

## Performance Tips

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices.

## Navigation

When using navigation features, note that mapping information, directions and other navigational data may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic, and all other factors that may impact driving. Always obey posted road signs.

## Smart Practices While Driving

**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—for example, handsfree use only may be required. Go to [www.motorola.com/callsmart](http://www.motorola.com/callsmart) (in English only) 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, redial and voice dial.** 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 voicemail 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 (wherever wireless phone service is available).
- **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 (wherever wireless phone service is available), 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).

## Privacy & Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure Personal Information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.  
**Note:** For information on how to backup or wipe data from your mobile device, go to [www.motorola.com/support](http://www.motorola.com/support)
- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBUR). Go to your account for information on how to manage the

account, and how to use security features such as remote wipe and device location (where available).

- **Applications**—Install third party applications from trusted sources only. Applications can have access to private information such as call data, location details and network resources.
- **Location-based information**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.
- **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at [privacy@motorola.com](mailto:privacy@motorola.com), or contact your service provider.

## Use & Care

To care for your Motorola mobile device, please observe the following:



### liquids

Don't expose your mobile device to water, rain, extreme humidity, sweat, or other liquids. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the mobile device.



### extreme heat or cold

Avoid temperatures below 0°C/32°F or above 45°C/113°F.





#### **microwaves**

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



#### **dust and dirt**

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



#### **cleaning solutions**

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



#### **shock and vibration**

Don't drop your mobile device.



#### **protection**

To help protect your mobile device, always make sure that the battery compartment and any connector covers are closed and secure.

## Recycling

### Mobile Devices & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste, or in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: [www.motorola.com/recycling](http://www.motorola.com/recycling)

## Packaging & Product Guides

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

## California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

Perchlorate Material – special handling may apply when the battery is recycled or disposed of. See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)  
There is no special handling required by consumers.

## 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. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipment battery model.

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.

## Software Copyright Notice

Motorola products 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 Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of 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.

## Content Copyright

The unauthorized copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorized or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

## Open Source Software Information

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, you may send your request in writing to the address below. Please make sure that the request includes the model number and the software version number.

MOTOROLA MOBILITY, INC.

OSS Management  
600 North US Hwy 45  
Libertyville, IL 60048  
USA

The Motorola website [opensource.motorola.com](http://opensource.motorola.com) also contains information regarding Motorola's use of open source.

Motorola has created the [opensource.motorola.com](http://opensource.motorola.com) website to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please press Menu Key > **Settings** > **About Phone** > **Legal & Safety** > **Open source licenses**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

## 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.

## Product Registration

Online Product Registration:

[www.motorola.com/us/productregistration](http://www.motorola.com/us/productregistration)

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and

allows you to subscribe to updates on new products or special promotions. Registration 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.

## Service & Repairs

If you have questions or need assistance, we're here to help. Go to [www.motorola.com/repair](http://www.motorola.com/repair) (United States) or [www.motorola.com/support](http://www.motorola.com/support) (Canada), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-734-5870 (United States - Android products), 1-800-331-6456 (United States - all other products), 1-888-390-6456 (TTY/TDD United States for hearing impaired - all products), or 1-800-461-4575 (Canada - all products).

## Motorola Limited Warranty for the United States and Canada

### What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola Mobility, Inc. warrants its mobile telephones ("Products"), 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  |
|---|---|
| <b>Products and Accessories</b> as defined above, unless otherwise provided for below.                    | <b>One (1) year</b> from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below. |
| <b>Decorative Accessories and Cases.</b> Decorative covers, bezels, PhoneWrap™ covers and cases.          | <b>Limited lifetime warranty</b> for the lifetime of ownership by the first consumer purchaser of the product.                    |
| <b>Monaural Headsets.</b> Ear buds and boom headsets that transmit mono sound through a wired connection. | <b>Limited lifetime warranty</b> for the lifetime of ownership by the first consumer purchaser of the product.                    |
| <b>Products 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 (Products and Accessories)

**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)

**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>All Products, Accessories, and Software:</b> 1-800-331-6456 |
| <b>Canada</b> | <b>All Products:</b> 1-800-461-4575                            |
| <b>TTY</b>    | 1-888-390-6456   |

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.**



DRAFT - MOTOROLA CONFIDENTIAL  
& PROPRIETARY INFORMATION

## Copyright & Trademarks

Motorola Mobility, Inc.  
Consumer Advocacy Office  
600 N US Hwy 45  
Libertyville, IL 60048  
[www.hellomoto.com](http://www.hellomoto.com)

**Note:** Do not ship your product to the above address. If you need to return your product for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-734-5870 (United States - Android products)

1-800-331-6456 (United States - all other products)

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

1-800-461-4575 (Canada - all products)

Certain features, services and applications are network dependent and may not be available in all areas; additional terms, conditions and/or charges may apply. Contact your service provider for details.

All features, functionality, and other product specifications, as well as the information contained in this guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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**Caution:** Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.  
Manual Number: 680142001-A



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