

## TRANSFER CONTACTS USING YOUR SIM

- 1 On your old phone, copy all the contacts you want to your SIM card.



**Tip:** For Motorola Android™ phones, touch  **Contacts** > Menu  > **More** > **SIM Manager** > **Export contacts to SIM**.

- 2 Insert your SIM card in your new phone, see **"ASSEMBLE & CHARGE"** on page 3.

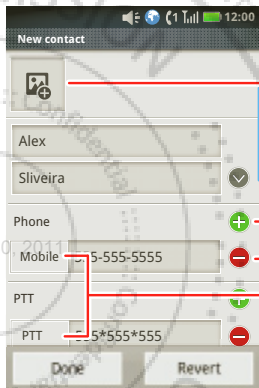
- 3 Import the contacts from your SIM card, touch  **Contacts** > Menu  > **More** > **SIM Manager** > **Import contacts from SIM card**.

**Note:** You might have done this during **"SET UP & GO"** on page 3.

## CREATE CONTACTS

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

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



Add a picture.

Add another entry.

Remove this entry.


Open label options.

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

**Where are contacts saved?** Your phone saves new contacts in its memory and to your Google™ account.

## 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.

## CALL, TEXT, EMAIL, OR PTT A CONTACT

Find it:  **Contacts**

Touch and hold a contact to **View contact**, **Call contact**, **Text contact**, **Push to Talk**, **Add to favorites**, and more.

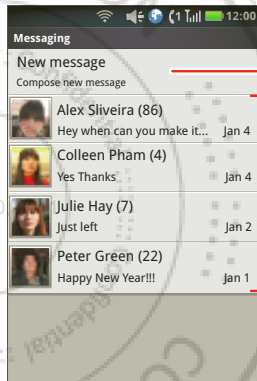
**Tip:** You can also select **Share via PTT** to send contact information to someone through a private call.

## MESSAGING & EMAIL

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

## QUICK START: MESSAGING

Find it:  >  **Messaging**



Touch to create a new message.

**Message List**  
Touch to open a message. Touch & hold to view options.

To setup email, see "**EMAIL**" on page 23.

## READ & REPLY TO MESSAGES


To **open** a message and all of its replies, touch it.

To open **options**, touch and hold a message.

To **respond** to a message, just open it and enter your response in the text box at the bottom.


## CREATE MESSAGES

**Find it:**  >  **Messaging** > **New message**

Enter the recipient and message. Touch Menu  for options, like **Insert smiley** or **Attach**.

**Note:** Attachments are available with MMS messaging only. Contact your service provider to find out if MMS messaging is available.

## SEND & RECEIVE ATTACHMENTS

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

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**.

**Tip:** To send and receive large attachments faster, use a Wi-Fi connection, in “**wi-fi**” on page 46.

## MESSAGE GROUPS

You can create a message group to send messages to groups of up to 20 contacts.

### CREATE MESSAGE GROUPS

**Find it:**  **Contacts** > Menu  > **New Message Group**

- 1 Select the contacts you want to add to the group.
- 2 When you're finished adding members to the group, touch **Save**.
- 3 Type a name for the message group in the **Name** field.  
**Note:** If you don't provide a name for the message group, the default name will be **(Message Group)**.
- 4 Select **Done**.


### TEXT A MESSAGE GROUP

- 1 Touch and hold the message group, then select **Text group**.
- 2 Create and send your message.


## MANAGE MESSAGE GROUPS

### Features


#### view a message group

Touch  **Contacts**, and touch the message group.


#### add members

Touch  **Contacts**, touch and hold the message group, then touch **Edit group** > **Add members**. Select the contact(s) you want to add and touch **Save**. Touch **Done**.

#### remove members

Touch  **Contacts**, touch and hold the message group, then touch **Edit group**. Touch the minus sign to the right of the member you want to remove. Touch **Done**.

#### delete a message group


Touch  **Contacts**, touch and hold the message group, then select **Delete group**. Touch **OK** to confirm.

## EMAIL™

### CREATE A NEW EMAIL


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

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


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

### Features

#### search for email

Touch Menu  > **Search** in a messages list.

#### choose email notifications

Touch Menu  > **Settings** > **Email notifications**.

#### apply a label to a thread

Touch and hold a message, then touch **Change labels**.

## EMAIL

### SET UP AN ACCOUNT


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

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

### CREATE A NEW EMAIL

**Find it:**  >  **Email** > **Menu**  > **Compose**

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



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

## ACCOUNT SYNCHRONIZATION

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

The 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 apps information you want to keep up-to-date.

### SELECT APPS TO SYNCHRONIZE

- 1 Touch  >  **Settings** > **Accounts & sync**.
- 2 Touch an account and select the apps you want to synchronize, like **GMail**, **Calendar**, or **Contacts**.

## MICROSOFT™ OFFICE OUTLOOK™ SYNCHRONIZATION



### WHAT CAN YOU MANAGE?

Email, contacts, and calendar on your phone give you access to the same personal information that you add, view, and edit on your computer with the use of Microsoft™ Outlook™.

You can:

- View Google™ and Exchange contacts in one list.
- Schedule and respond to meeting requests.
- Access your company directory.

### SET UP ACCOUNT

**Find it:**  >  **Settings** > **Accounts & sync** > **Add account** > **Corporate**

- 1 Enter your user name (username@company.com), password, email address, and server details including domain name and security type (server address is the same URL you use to access your company's email using the web on your computer).



**Note:** Contact your business IT department for server details.

- 2 Touch **Next**.
- 3 Set up your sync options: select email and/or contacts.

#### 4 Touch **Save & sync**.

**Note:** Set data synchronization to manual to extend battery life (see “**BATTERY TIPS**” on page 27).



### **CORPORATE CALENDAR**

**Find it:**  >  **Calendar**




Corporate calendar appointments are shown in the same calendar as your phone's calendar appointments, but each are shown in a different color. Once you configure your corporate account, you can start the calendar app to view, add, and manage your corporate calendar appointments.

**Tip:** To see the color codes for your calendar, touch Menu  > **More** > **Calendars**

### **CORPORATE DIRECTORY**

To view your company's directory, touch  >  **Corporate directory**.

### **VOICEMAIL**

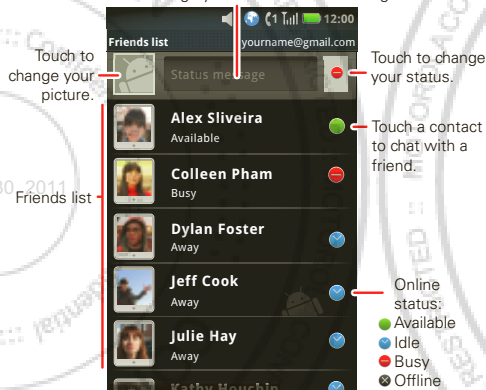
When you have a new voicemail,  shows at the top of your screen. To hear the voicemail, drag the notification bar down and touch the voicemail, or touch  **Dialer**, then touch .

### **GOOGLE TALK™**

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

**Find it:**  >  **Talk**


Touch to change your online status message.



## TEXT ENTRY

think keyboard, now think smaller

## TOUCHSCREEN KEYPADS

Touch a text field to open a touchscreen keypad. Touch Back  to close it.

To **move the cursor**, touch and hold a word. This opens a magnifier where you can drag the cursor.

To **change the keypad**, touch and hold a blank spot in the text box. A menu opens where you can choose **Input Method** > **Swype** or **Android keyboard**.










## ANDROID KEYPAD

Use the Android™ keypad to enter letters one at a time.



**Note:** To set your screen to rotate when you turn the phone, touch  >  **Settings** > **Sound & display** > **Orientation**.

## TYPING TIPS

To...	
Enter <b>symbols</b> chosen from a list	Touch Symbol 
Enter <b>alternate</b> characters in the corners of keys	Touch Alternate 
Enter <b>several alternate</b> characters, until you touch Alternate  again	Touch Alternate  twice
Enter <b>one capital</b> letter	Touch Shift 
Enter <b>only capital</b> letters, until you touch Shift Lock  again	Touch Shift Lock 
<b>Delete</b> a character (hold to delete more)	Touch Delete 
Start a <b>new line</b> (email or text messaging)	Touch Return 

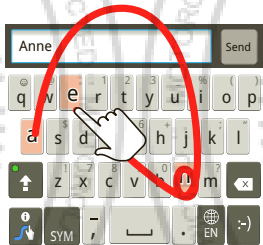
To...

**Select text, Cut, Copy, or Paste**

Touch and hold a blank spot in a text entry area.

## SWYPE KEYPAD

Swype™ lets you enter a word with one continuous motion. To enter a word, just drag your finger over the letters.



To enter a word, just trace a path through the letters.

To capitalize, go above the keypad.

For double letters, circle the letter.

- To enter the small number or symbol at the top of a key, touch and hold the key.
- To enter several symbols, touch **SYM**.
- To enter apostrophes in common words (like “I’ll”), drag through the apostrophe key.

- To correct a word, double-tap it. Swype shows a small menu of other word options. Swype might also show a menu if it can't guess your word.
- If Swype doesn't know a word, touch individual letters to enter it. Swype remembers, so next time you can just drag over the letters.

## TEXT ENTRY SETTINGS

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










- To change your Swype settings, touch **Swype**.
- To change the language and the style for your touchscreen keypad, touch **Select locale**.
- To edit your word suggestion dictionary for the Android™ keyboard, touch **User dictionary**.
- To change your Android keypad settings, touch **Android keyboard**.
- To show the touchscreen keypad when holding your phone vertically, touch **Show soft keypad in portrait**.
- To change the device keypad settings touch, **Device Keyboard**.



## TIPS & TRICKS

a few handy hints














### SHORTCUTS

To...	
Return to the <b>home screen</b>	Touch Home  .
See <b>recently dialed</b> numbers	Press Talk  .
<b>Sleep/wake</b> your phone	Press Power/Lock  .
Set <b>screen timeout</b>	Touch  >  <b>Settings</b> > <b>Sound &amp; display</b> > <b>Screen timeout</b> .
Turn <b>sound</b> on/off	Press and hold Power/Lock  > <b>Silent mode</b> .
<b>Search</b>	Touch Menu  > <b>Search</b> .
Show <b>last few apps</b> used	Touch and hold Home  .
Turn <b>airplane mode</b> on/off	Press and hold Power/Lock  > <b>Airplane mode</b> .

### BATTERY TIPS

Your phone is like a small computer, giving you a lot of information and apps, with a touch display! Depending on what you use, that can take a lot of power.

To save even more battery life between charges, you could reduce:

- Recording or watching videos, listening to music, or taking pictures.
- Widgets that stream information to your home screen, like news or weather (“**HOME SCREEN**” on page 8).
- Email updates: Touch  >  **Email** > Menu  > **Account Settings** > **Email check frequency** > **Every hour** or **Never** to check for email manually.
- Turn off Bluetooth™ power: touch  >  **Settings** > **Wireless & networks** > **Bluetooth**.
- Turn off Wi-Fi: touch  >  **Settings** > **Wireless & networks** > **Wi-Fi**.
- Google™ app updates: Touch  >  **Settings** > **Accounts & sync** > **Cellular data sync** > **Manual**.
- Display brightness: Touch  >  **Settings** > **Sound & display** > **Brightness** > *(dimmer setting)*.
- Display timeout delay: Touch  >  **Settings** > **Sound & display** > **Screen timeout** > *(shorter setting)*.

## PHOTOS & VIDEOS

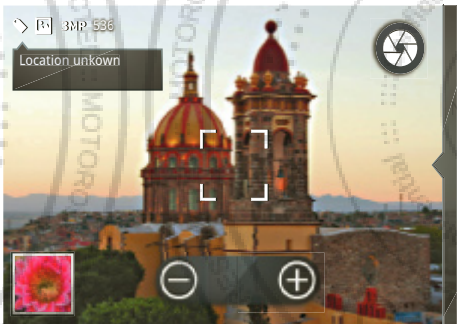
see it, capture it, share it!

### PHOTOS

#### TAKE & SHARE PHOTOS

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

Find it:  >  **Camera**




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

To take the photo, touch .

To see the picture you've just taken, touch the thumbnail on the lower left-hand corner of the screen to open the Media Gallery. Then, touch the picture's thumbnail to view it.

- To **set** the photo as a wallpaper or contact photo, touch Menu  > **Set as**.
- To **send** the photo in a message or post it online, touch Menu  > **Share**. For more info on sharing your photos, see "**SHARE YOUR PHOTO GALLERY**" on page 29.
- To **delete** the photo, touch Menu  > **Delete**.
- For more options, touch Menu  > **More**.

#### PHOTO OPTIONS

In the viewfinder, touch Menu  > **Settings** to open the camera menu:

Options	
<b>Picture Resolution</b>	Set the photo resolution.
<b>Video Resolution</b>	Set the camcorder video resolution.
<b>Quick Send Address</b>	Store email addresses for sending pictures and videos.

## Options





**Review Time** Choose the amount of time a recently taken picture is displayed on the view screen.

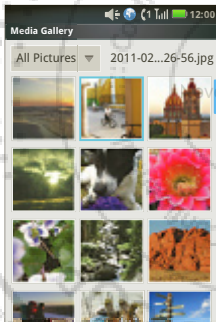
**Share optimization** When checked, you'll be prompted to optimize photo or video for sharing.

## VIEW YOUR PHOTOS

**Find it:**  >  **Media Gallery > All Pictures**

### PLAY A SLIDESHOW

Touch  >  **Media Gallery > All Pictures**, Menu  > **Play slideshow** to start a slideshow. To stop the slideshow, touch the display. To return to the gallery, touch Back .



## SHARE YOUR PHOTO GALLERY

**Find it:**  >  **Media Gallery > All Pictures**

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

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

## MANAGE YOUR PHOTOS

**Find it:**  >  **Media Gallery > All Pictures**

Touch and hold a photo, then:

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

**Tip:** To copy photos to/from a computer, go to “**USB DRAG & DROP**” on page 48.

## EDIT YOUR PHOTOS

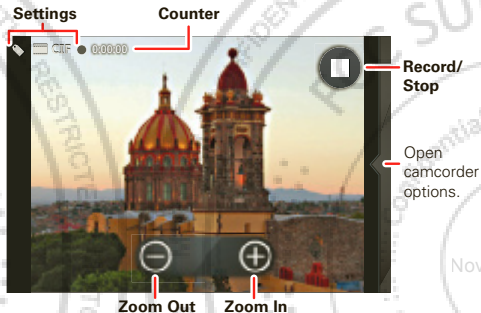
**Find it:**  >  **Media Gallery > All Pictures**

Touch & hold a picture, then touch **Edit > One-click optimize, Rotate, Crop, Effects, Brightness & contrast, Color & saturation, Flip, or Resize**.


## VIDEOS

### RECORD & SHARE VIDEOS


Find it:  >  **Camcorder**



**Note:** When you first turn on the camcorder, your phone will prompt you to optimize the video for sharing. Choose **Yes** if you plan to share your video via MMS. Choose **No** if you plan to share the video via Bluetooth, through a Wi-Fi connection, or by connecting your phone to a PC.

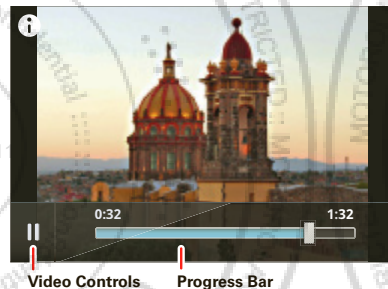
To **record** the video, touch . To stop the video recording, touch .

After you have finished recording your video, touch the screen, when prompted:

- 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 29.
- To **play** the video, touch .
- To **delete** the video, touch **Delete**.

### PLAY YOUR VIDEOS

Find it:  >  **Media Gallery** > **All Videos**



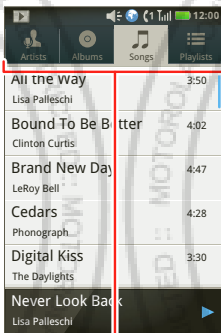
**Note:** To see the controls while the video is playing, touch the display.

# MUSIC

when music is what you need...

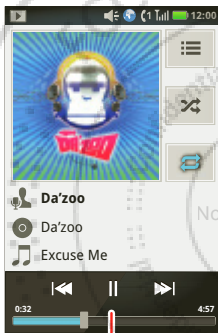
## QUICK START: MUSIC

Find it:  >  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 USB data cable.
- A microSD 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  >  **Settings** > **SD card & phone storage.**

## WHAT MUSIC 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 does not support any DRM protected files.

## WHAT HEADPHONES CAN I USE?

Your phone has a 3.5mm headset connector for wired stereo listening. You can go wireless with Bluetooth stereo headphones or speakers (see “**BLUETOOTH WIRELESS**” on page 45).

## GET MUSIC

### TRANSFER MUSIC USING USB

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

For more information on transferring music, see “**USB DRAG & DROP**” on page 48.

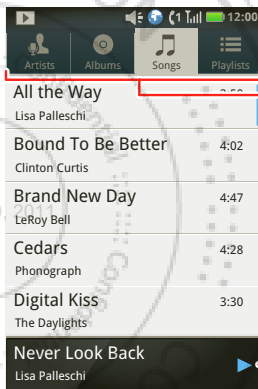
**Note:** Copyright—do you have the right? Always follow the rules. See “**CONTENT COPYRIGHT**” on page 65.

## PLAY MUSIC

### MUSIC LIBRARY

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

Find it:  >  **Music**




#### Categories

Touch to list songs or playlists.

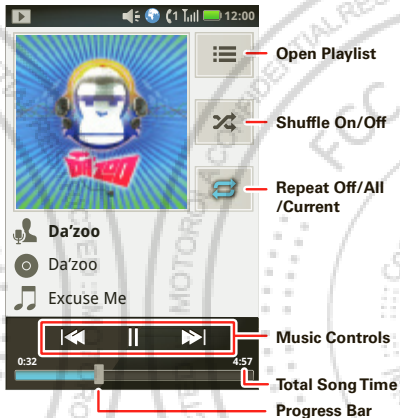
#### Last Played

Touch to play again.













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

<b>play/pause</b>	Touch  .
<b>previous/next</b>	Touch  .
<b>fast forward/rewind</b>	Touch & hold  .
<b>view playlist</b>	Touch  .
<b>shuffle</b>	Touch  .
<b>repeat</b>	Touch  .
<b>volume</b>	Press the side volume keys.
<b>view library</b>	Touch Menu  > <b>Library</b> .
<b>turn shuffle on/off</b>	Touch Menu  > <b>Party shuffle</b> .
<b>add to playlist</b>	Touch Menu  > <b>Add to playlist</b> .
<b>use as ringtone</b>	Touch Menu  > <b>Use as ringtone</b> .
<b>use as line2 ringtone</b>	Touch Menu  > <b>Use as line2 ringtone</b> .
<b>delete song</b>	Touch Menu  > <b>Delete</b> .

## HIDE, WAKE, TURN OFF

Touch 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.

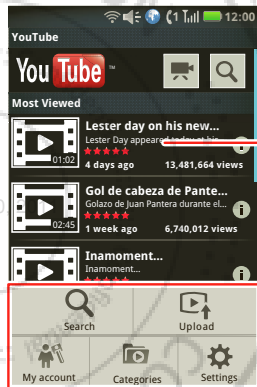
To edit, delete, and rename playlists, touch and hold the playlist in the music library.

## YOUTUBE™

*go and create your own classic*

## QUICK START: YOUTUBE

Find it:  >  YouTube



**Categories**

Touch a video to play.



Press  to show options.

YouTube 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 [www.youtube.com](http://www.youtube.com) to find out more. To create an account or sign in, go to “**YOUR ACCOUNT**” on page 35.

## WATCH VIDEOS

See popular video categories, like **Featured**, **Most viewed**, and **Top rated**. 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 Menu  > **Settings** > **High quality video**.


## SEARCH FOR VIDEOS

**Find it:**  >  **YouTube**, then touch Menu  > **Search**

Enter text, then touch **Search**. 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 the video to select it.
- 2 Touch Menu  > **Share**.




## YOUR ACCOUNT

### LOG IN OR CREATE ACCOUNT

**Find it:**  >  **YouTube**, then touch Menu  > **My account**

- 1 To create your YouTube account, touch the “Don't have a YouTube account? Touch here to create one” link.  
If you already have a YouTube account, enter your username, password and touch **Sign in**.
- 2 For a new account, enter a username, and complete the fields, then touch **I accept**.

### UPLOAD VIDEOS

**Find it:**  >  **YouTube**, then touch Menu  > **Upload**

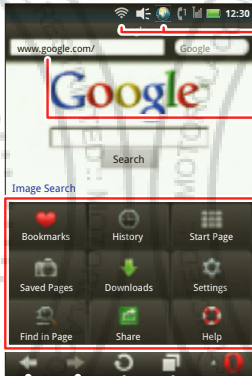
- 1 Touch the video you want to upload. You can change the video title, description, set the access, and add tags.
- 2 Touch **Upload**.

# WEB

surf the web with your phone

## QUICK START: BROWSER

Find it:  >  **Browser**




### Connection

Over the air:  
Mobile Network:   
Wi-Fi: 

### Web Address

To go to a URL, touch  
**Go**.

Touch  to open a menu.



**Back** **Forward** **Tabs** **Tools**

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

# CONNECT

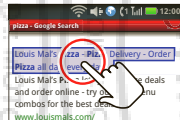
Your phone uses the mobile phone network (over the air) to automatically connect to the web.

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


To use a wireless network, touch  >  **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 tab**.




# BROWSER OPTIONS

Touch Tools  to see browser options:

Options	
<b>Bookmarks</b>	Add, delete, and manage bookmarks.
<b>History</b>	View and clear your browser's history.

<b>Options</b>	
<b>Start Page</b>	Go to your browser's start page.
<b>Saved Pages</b>	Save web pages.
<b>Downloads</b>	View your downloads.
<b>Settings</b>	Open your browser's settings menu.
<b>Find in Page</b>	Search web pages for words or phrases.
<b>Help</b>	Open your browser's help menu.

## ZOOM


Touch the screen once to zoom in. To zoom out touch the screen twice, or touch  at the bottom of the screen.

## WEBKIT BROWSER


Your phone comes with the Opera Mini and WebKit browsers. Opera Mini is optimized for your carrier's network, and is set as the factory default.

In some cases, you may need to use the WebKit browser. To turn on and set the Webkit browser as the




default browser, touch  >  **Settings** > **Applications** > **Default browser**.

**Note:** When Opera Mini is set as the default browser, the Webkit browser will be unavailable. The  **Browser** shortcut will open Opera Mini.

## DOWNLOAD APPS




**Warning:** Apps downloaded from unknown sources can include spyware, phishing, or viruses that affect your phone, phone performance, and personal data. For security, download apps only from trusted sites like  **Market**.

To download apps:

- 1 If you want to download apps from any web page, touch Menu  > **Settings** > **Applications** > **Unknown sources**.
- 2 To launch the browser, touch  >  **Browser**.
- 3 Find the app you want to download and touch the download link.

**Note:** Downloaded apps are stored in your phone's memory.

## MANAGE YOUR DOWNLOADS

To view files or apps you've downloaded, touch  >  **Browser** > Tools  > **Downloads**.

## PERSONALIZE

*add your personal touch*

### WIDGETS

To add a new widget:

- 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 **Widgets**.
- 3 Touch the type of widget. If necessary, enter the widget settings.

You can personalize widgets with content that you choose.

### RINGTONES

To personalize your ringtones:


**Find it:**  >  **Settings** > **Sound & display** > **Phone ringtone** or **Notification ringtone**

To set your vibrate options:

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

### WALLPAPER



To apply a new wallpaper:

- 1 From the home screen, touch Menu  > **Wallpaper**.
- 2 Touch **Media gallery** to select a photo as your wallpaper, or touch **Wallpaper gallery** to choose a wallpaper that comes with your phone.



### SOUNDS

#### Features



#### set volume for media and videos

 >  **Settings** > **Sound & display** > **Media volume**

#### play tones when using dial pad

 >  **Settings** > **Sound & display** > **Audible touch tones**

#### play sound on screen selection

 >  **Settings** > **Sound & display** > **Audible selection**

## DISPLAY SETTINGS

### Features

#### set display brightness

 >  **Settings** > **Sound & display** > **Brightness**

#### set orientation

 >  **Settings** > **Sound & display** > **Orientation**

#### set animation

 >  **Settings** > **Sound & display** > **Animation**



## DATE & TIME

Set date, time, time zone, and formats:

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

## LANGUAGE & REGION

Set your menu language and region:

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

## LOCATION

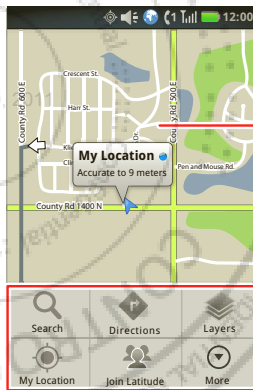
*toss away your maps*

## GOOGLE MAPS™

**Note:** This feature is not available in all areas. Check with your service provider.


Where am I? Where do I want to go? Don't worry—let Google Maps find out for you.

**Find it:**  >  **Maps**



### Map View



Drag or flick to scroll.

Press  to show your location, change map modes, get directions, and more.

Google Maps™ opens in “Map mode”. To learn more about the different map modes, see “**SELECT MAP MODE**” on page 40.



## SET YOUR LOCATION SOURCES

Set your phone to determine your location using GPS satellite signals (highly accurate, but uses battery power) or using the mobile network (less accurate, but conserves battery power).


To set your location source, touch  >  **Settings** > **Location & security** > **Use GPS satellites** and/or **Use wireless networks**.


## FIND YOUR LOCATION

**Note:** Don't forget to set your location sources.

From the Map screen, touch Menu  > **My Location**. Your location shows on the map as . The bigger the circle, the less accurate the location.

## FIND ANY LOCATION

1 Touch Menu  > **Search**.

2 Enter text in the search box, like an address, business, or city, then touch .


**Tip:** If it's an address you have visited before, select from the list shown.

3 Touch the location you're searching for in the results list.


## GET DIRECTIONS

1 Touch Menu  > **Directions**.


2 Enter a starting point address or touch  and select **My current location**, **Contacts**, or **Points on map**.


3 Enter an end point address, or touch  and select **Contacts** or **Points on map**.

4 Select your mode of transport (car, public transport or walk), then touch **Go**. Your directions are shown as a list. To view your directions on a map, **Show on map**. To have your phone provide turn by turn driving directions, touch **Navigate**.

5 When you have finished, touch Menu  > **More** > **Clear map**.

## SELECT MAP MODE

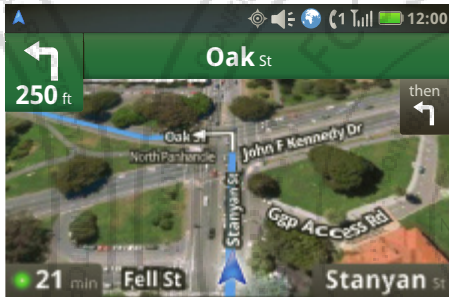
Touch Menu  > **Layers** to select from **Map** (standard map view), **Satellite** (map with photos), **Traffic** (map with traffic conditions).

Touch Menu  > **More** > **Clear Map** to clear your selections.

## GOOGLE MAPS NAVIGATION™ BETA

Google Maps Navigation Beta is an Internet-connected GPS navigation system with voice guidance.

**Find it:**  >  **Navigation**



Follow the prompts to speak or type your destination.


For more, go to [www.google.com/mobile/navigation](http://www.google.com/mobile/navigation).

## GOOGLE LATITUDE™

**Note:** This feature is not available in all areas. Check with your service provider.

### JOIN LATITUDE


Keep track of where your friends and family are on Maps. Plan to meet up, check that your parents got home safely, or just stay in touch.

Don't worry, your location is not shared unless you agree to it. You need to join Latitude, and then invite your friends to view your location or accept their invitations. When using Google Maps™, touch Menu  > **Join Latitude**. Read the privacy policy and if you agree with it, touch **Agree & share**.

### ADD & REMOVE FRIENDS

**Find it:**  >  **Latitude**




To add friends:

- 1 Touch Menu  > **Add friends**.
- 2 Touch **Select from Contacts** and touch a contact, or **Add via email address** and enter an email address.
- 3 Touch **Add friends**.

If your friends already use Latitude, they'll receive an email request and a notification. If they have not yet joined Latitude, they'll receive an email request that

invites them to sign in to Latitude with their Google™ account.

To remove friends:




- 1 Touch  >  **Latitude** to show your friend's list, then touch a friend in your list.
- 2 Touch .

## SHARE LOCATION

When you receive a request to share location details you can choose to:

- **Accept and share back**—see your friend's location, and your friend can see yours.
- **Accept, but hide my location**—see your friend's location, but they can't see yours.
- **Don't accept**—location information is not shared between you and your friend.

## HIDE YOUR LOCATION

Touch  >  **Latitude** to show your friend's list. Touch your contact name, then touch Menu  > **Privacy** > **Hide your location**.

## TURN OFF LATITUDE

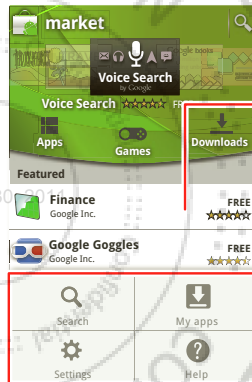
Touch  >  **Latitude** to show your friend's list. Then touch Menu  > **Privacy** > **Turn off Latitude**.

## APPS FOR ALL


*get the app you want*


## ANDROID MARKET™

Find it:  >  **Market**




Touch an app to open its details or install it.

Touch  to search, see your apps, or get help.

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



## BROWSE & INSTALL APPS

**Tip:** Choose your apps and updates carefully, from trusted sites like  **Market**, as some may impact your phone's performance—see “**CHOOSE CAREFULLY**” on page 43.

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

**Note:** When installing an app, make sure you read the alerts that tell you what information the app will access. If you don't want the app to have access to this information, cancel the installation.

Select a category or touch **Search** to find the app you want. Then, touch **Install** (if app is free) or **Buy**.

When installing an app, make sure you read the alerts that tell you what information the app will access. If you don't want the app to have access to this information, cancel the installation.


## MANAGE & RESTORE APPS

**Find it:**  >  **Market** > **My apps**

There are lots of apps available and many are free. So you might find that you have downloaded and installed lots of apps on your phone. That's fine, but you may want to uninstall apps that you no longer use.


To uninstall touch an app in the list, and then touch **Uninstall**.

To restore an app, touch the app in the list. The **My apps** list shows previously installed apps.

For other app management features including clearing app data and cache, touch Menu  > **Settings** > **Applications** > **Manage applications**, then touch an app in the list.

## CHOOSE CAREFULLY

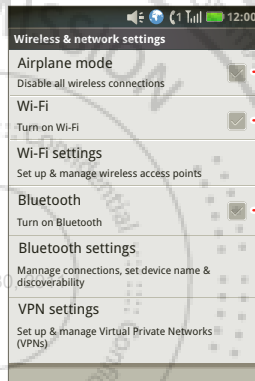
Apps are great. There's something for everyone. Play, communicate, work, or have fun. But remember, choose your apps carefully. Here are a few tips:

- To help prevent spyware, phishing or viruses from affecting your phone or privacy, use apps from trusted sites, like  **Market**.
- In **Market**, check the apps' ratings and comments before installing.
- If you doubt the safety of an app, don't install it.
- Like all apps, downloaded apps will use up memory, data, battery, and processing power—some more than others. For example, a simple battery level widget will use less than a streaming music player app. After installing an app, if you're not happy with how much memory, data, battery or processing power it's using, uninstall it. You can always install it again later.

- Just like web browsing, you may want to monitor children's access to apps to help prevent exposure to inappropriate content.
- Certain apps may not provide completely accurate information. Take care, especially when it comes to personal health.

## WIRELESS MANAGER

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



Turn Airplane mode on or off.

Turn Wi-Fi on or off.



Turn Bluetooth on or off.

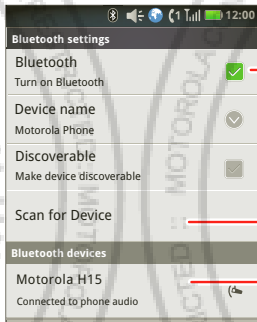
Manage all your wireless connections: Wi-Fi, Bluetooth, & airplane mode.

## BLUETOOTH™ WIRELESS

lose the wires and go wireless

### QUICK START: BLUETOOTH WIRELESS

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



Touch to turn on & scan.

Touch to re-scan.

Touch to connect.

### TURN BLUETOOTH POWER ON OR OFF

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

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

**Tip:** Turn off Bluetooth power to extend battery life or stop connections. To add a quick switch, touch and hold a blank spot on your home screen, then touch **Motorola Widgets** > **Bluetooth Toggle**.





### 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, just turn on the device.


**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  >  **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.

After you connect:

- To **reconnect** with a device, turn on the device or touch the device name in the **Bluetooth devices** list.
- To **disconnect** a device, turn off the device, or touch the device name in the devices list and touch **OK** when prompted to disconnect the device.

## EDIT PROPERTIES

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

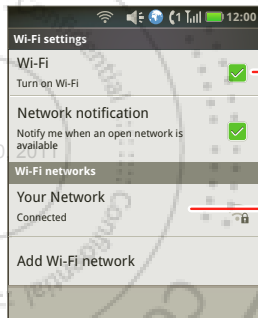
## WI-FI

*home, office, or hotspot*

### QUICK START: WI-FI

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

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



Touch to turn on & scan.

Touch to connect.

### TURN WI-FI ON OR OFF

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

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

**Tip:** Turn off Wi-Fi power to extend battery life or stop connections. Turn it off and on to search for networks.




To add a quick switch, touch and hold a blank spot on your home screen, then touch


**Motorola Widgets > Wi-Fi Toggle.**




## WI-FI SEARCH & CONNECT

To find networks in your range:

- 1 Touch  >  **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. 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.

## WI-FI MODES


For those who like to get a bit more technical, your phone supports the following Wi-Fi modes: 802.11b and g.

## WI-FI SLEEP POLICY

You can change your phone's Wi-Fi sleep policy to conserve battery life.

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

## AIRPLANE MODE

Use airplane mode to turn all your wireless connections off—useful when flying. Press Power/Lock  > **Airplane mode.**

**Note:** When you select airplane mode, all wireless services are disabled. You can then turn Wi-Fi back on, if permitted by your airline. Other wireless voice and data services (such as calls, Bluetooth, and text messages) remain off in airplane mode. Emergency calls to your region's emergency number can still be made.

**Tip:** To add a quick switch for **Airplane mode,** touch and hold a blank spot on your home screen, then touch **Motorola Widgets > Airplane Mode Toggle.**




## USB & MEMORY CARD

connect your phone and computer, then drag & drop

### USB DRAG & DROP

You can transfer your pictures, videos, music, ringtones, and more, from your computer to your phone's memory card.

**Note:** Your phone supports Microsoft™ Windows™ XP and Windows Vista™. Other operating systems may not be compatible.

- 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 notifications bar.

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

**Note:** You may need to remove the USB data cable from the charger power head.

- 2 On your computer, use the "My Computer" window to find "Removable Disk".
- 3 Click on the "Removable Disk" icon to access the memory card.





- 4 Drag and drop your pictures, videos, music, ringtones, and more, to your phone folder. To help manage your files, you can create more folders in your phone folder.
- 5 When you're done, use the "Safely Remove Hardware" feature to finish.
- 6 Flick down the notifications bar and touch the "Turn off USB storage" notification. When prompted, touch **Turn Off**.

**Note:** Copyright—do you have the right? Always follow the rules. See "**CONTENT COPYRIGHT**" on page 65.

### MEMORY CARD

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

To **insert** a memory card, see "**ASSEMBLE & CHARGE**" on page 3.

To **see** the files on your phone and memory card, touch  >  **FileManager**. Touch a file or folder to open it. Touch and hold a file to **Share**, **Rename**, or **Delete** it.

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

**Warning:** When you format a memory card, all data on the card is deleted.

To **remove** or **format** your memory card, you need to unmount it. Touch Menu  > **Settings** > **SD card &**

**phone storage** > **Unmount SD card**. Then, to format your memory card, touch **Format SD card**.


## TOOLS

*stay on top of things*


### CALENDAR

**Find it:**  >  **Calendar**

**Tip:** You can send calendar events to other people using PTT. See “**PUSH TO SEND**” on page 15.

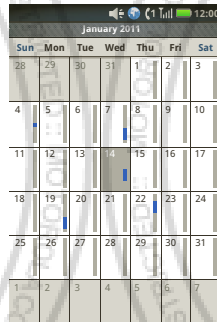
View your calendar in different ways: Touch Menu  > **Agenda, Day, Week, Today, or Month**. When you highlight an event in the day and week views, more details appear.

#### ADD CALENDAR EVENTS

From any calendar view, touch Menu  > **More** > **New event**. Enter event details and touch **Done**.

#### MANAGE CALENDAR EVENTS

To edit an event, touch and hold the event, then touch **Edit event**. Edit event details, then when you're done, touch **Done**.




## ALARM CLOCK

**Find it:**  >  **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.

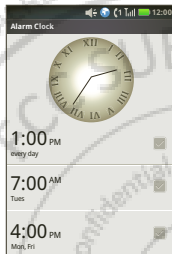
To add an alarm, touch Menu  > **Add alarm**, then enter alarm details.

To edit an alarm, touch it.

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

To change alarm clock settings, touch Menu  > **Settings**.

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



## QUICKOFFICE

Use Quickoffice to create, view, and edit text documents and spreadsheets.

**Find it:**  >  **Quickoffice**

### CREATE A NEW FILE

To create a new file, touch the icon of the type of file you want to create, then touch **Create New Document**.


### OPEN A DOCUMENT

To open an existing file, touch the icon of the type of file you want to edit, touch **SD Card**, to search for a file, or touch **Recent Documents**.

### BROWSE FILES

To browse files on your memory card, touch **Browse** > **SD Card**. Touch a file or folder to open, or touch and hold a file for options. You can edit most text or spreadsheet files:



#### TIPS:

- Place your cursor by touching the text.
- Select text by double-touching it.
- Choose formatting, save the file, or choose other options by touching Menu .

To manage your folders and transfer files, see “**USB & MEMORY CARD**” on page 48.

## CALCULATOR

**Find it:**  >  **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**.











## PERSONAL PORTAL




**Find it:**  >  **Personal Portal**


You can view the pictures, videos, and MMS or SMS messages stored on your phone with a PC through the Personal Portal.

### CONNECT WITH USB

- 1 Set your phone to USB Lan. Touch  >  **Settings** > **USB** > **USB Lan**.
- 2 Configure the Personal Portal to start automatically or manually. Touch  >  **Personal Portal** > Menu  > **Settings** > **Auto Start on USB** or **Manual Start on USB**.
- 3 Connect a Motorola micro USB data cable from your phone's micro USB port to a USB port on your computer.
- 4 If the Personal Portal is set to start automatically, open **Notifications**, and touch the Personal Portal notification. If it's set to start manually, touch  >  **Personal Portal** and touch  **Play**.
- 5 Use your PC's Web browser, to go to the Personal Portal URL displayed on your phone's screen.

### CONNECT WITH WI-FI

- 1 Touch  >  **Personal Portal** > Menu  > **Settings** > **Manual Start on Wi-Fi**.

- 2 To have your phone generate a passcode, touch **Use passcode in Wi-Fi connection**. To use your own passcode, touch **Use static passcode** and enter a passcode in the text field. Touch **OK**.
- 3 Touch  **Play**.
- 4 Use your PC's Web browser to go to the Personal Portal URL displayed on your phone's screen.
- 5 If your phone is set to use a passcode, enter the passcode displayed beneath the URL.



## ACCESSIBILITY

See, hear, speak, feel, and use. Accessibility features are there for everyone, helping to make things easier.

**Note:** For general information, accessories, and more, visit [www.motorola.com/accessibility](http://www.motorola.com/accessibility)

## VOICE RECOGNITION

Use your voice—just touch and speak.

**Dialing and commands:** Touch  >  **Voice Control**. To dial, say "Call" and then a contact name or phone number. Or, say a command from the list shown, like "Send Text" or "Go To".



**Tip:** Speak naturally, but clearly. Use the microphone in a similar way to a speakerphone, so no need to shout or hold the phone close to your mouth.

To change your voice settings, see “**VOICE SETTINGS**” on page 52.

## **VOICE READOUTS (TALKBACK)**

**Note:** This feature is only available in English and Spanish.

Your navigation and selections, read out loud.

To turn on voice readouts (similar to TalkBack), touch  >  **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, then touch **Voice Readouts**.

**Note:** You may be asked to download additional “text-to-speech” software (data charges may apply).

To use voice readouts:

- **Menus and screens:** In menus and screens, touch an item to highlight it (the item will be read out loud), and double-touch to open it.

**Note:** Touch a home screen widget or shortcut to open it.

- **Dialer & text entry:** As you type, each number or letter is read out loud.
- **Notification:** When you flick the notifications bar down, all notifications are read out loud.

**Tip:** Navigate through your apps and menus to hear how voice readouts work on your phone.

To change your voice settings, see “**VOICE SETTINGS**” on page 52.

## **CALLER ID**






When you want to **hear** who’s calling:

- **Read out loud:** Have your caller announced—touch  >  **Settings** > **Call settings** > **Caller ID readout**.
- **Ringtones:** Assign a unique ringtone to a contact—touch  **Contacts**, open a contact, then touch Menu  > **Options** > **Ringtone**.

To change your voice settings, see “**VOICE SETTINGS**” on page 52.

## **VOICE SETTINGS**

Personalize your voice settings:

- **Voice commands:** Touch  >  **Voice Control** > Menu  > **Settings**. From here, you can refine recognition of your voice (**Adaptation**) and set options like **Audio Modes** and **Sensitivity**.
- **Text-to-speech:** Touch  >  **Settings** > **Text-to-speech**. From here, you can set options like speed and language.

## **VOLUME & VIBRATE**

Choose volume and vibrate settings that work for you.

Touch  >  **Settings** > **Sound & display**:


- **Volume:** Touch **Ringer volume** or **Media volume** and use the sliders.

**Tip:** To set separate ring and notification volumes, uncheck **Use incoming call volume for notifications**.


- **Vibrate:** Select **Vibrate** to feel your phone ring.

## ZOOM


Get a closer look. Open a magnification window that you can drag around the screen, or pinch to zoom in on maps, web pages, and photos.

- **Magnification window:** Touch  > **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, then touch **Zoom Mode**.
- **Pinch to zoom:** To zoom in, touch the screen with two fingers and then slide them apart. To zoom out, drag your fingers together.

## DISPLAY BRIGHTNESS

Set a brightness level that works for you. Touch  > **Settings** > **Sound & display** > **Brightness**. Make sure that **Automatic brightness** is unchecked so you can set your own level.

## TOUCHSCREEN & KEYS

All these touch features are great, and sometimes it's nice to hear or feel your touches too. Touch  >


**Settings** > **Sound & display**:

- **Touchscreen:** To hear screen touches (click), touch **Audible selection**.

- **Keys:** To feel key touches (vibrate), touch **Haptic feedback**.

- **Dial pad:** To hear touch tones when you dial a phone number, touch **Audible touch tones**.


## MESSAGES

To make text entry even easier, you can use features like auto-complete, auto-correct, and auto-punctuate—touch  > **Settings** > **Language & keyboard** > **Swype** or **Android Keyboard**.

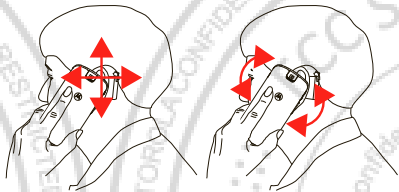
## HEARING AIDS

To help get a clear sound when using a hearing aid or cochlear implant, your phone may have been rated for use with hearing aids. If your phone's box has "Rated for Hearing Aids" printed on it, then please read the following guidance.



**Note:** Ratings are not a guarantee of compatibility. See "**HEARING AID COMPATIBILITY WITH MOBILE PHONES**" on page 64. You may also want to consult your hearing health professional, who should be able to help you get the best results.

- **Settings:** Touch  > **Settings** > **Call settings** > **Hearing aid compatible**. Select **Microphone** to optimize your phone for microphone coupling, or select **Telecoil** to optimize your phone for telecoil coupling.

- **Call volume:** During a call, press the side volume keys to set a call volume that works for you.
- **Position:** During a call, hold the phone to your ear as normal, and then rotate/move it to get the best position for speaking and listening.



## TTY

You can use your phone in TTY mode with standard teletype machines. Touch  >  **Settings** > **Call settings** > **TTY** and select the mode you need:

- **TTY:** Type and read text on your TTY device.
- **TTY HCO:** Hearing-Carry-Over—type text on your TTY device and listen to voice replies on your phone's speaker.
- **TTY VCO:** Voice-Carry-Over—speak into your phone and read text replies on your TTY device.


**Note:** You'll need a cable/adaptor to connect your TTY device to the headset jack on your phone.


Refer to your TTY device guide for mode and usage information.

## APPS

Want more? No problem. Android Market™ provides access to thousands of apps, and many provide useful accessibility features.

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

Select a category or touch Menu  > **Search** to find the app you want.

**Tip:** Choose your apps carefully, from trusted sites like  **Market**, as some may impact your phone's performance.

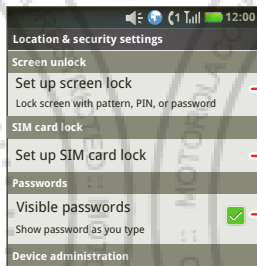
November 30, 2011

# SECURITY

help keep your phone safe

## QUICK START: SECURITY

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



Touch to set up screen lock.


Touch to set up SIM card lock.



Touch to view passwords.

## SCREEN LOCK



**Note:** You can make emergency calls on a locked phone (see **"EMERGENCY CALLS"** on page 12).

Lock the screen in the following ways:

- Press Power/Lock .
- Let the screen time out (don't press or touch anything).

To unlock the screen, press Power/Lock . Then, drag  to the right.

## SET SECURITY LOCK

Find it:  >  **Settings** > **Location & security** > **Security lock**

- To set a password or an unlock pattern, that you need to draw to unlock your screen, touch **Set up screen lock** > **Pattern, PIN, or Password**.
- To turn the lock off, touch **Set up screen lock** > **None**.
- To change the password or lock pattern, touch **Change screen lock** > **Pattern, PIN, or Password**.


## FORGOT YOUR PATTERN, PIN, OR PASSWORD?

When you set up your screen lock, you were asked to choose two security questions.

If you forgot your pattern, PIN, or password, touch **Forgot password?** and enter your security question answer to unlock your phone. If you also forgot your security question answer, touch **Forgot answer?**, and enter your Gmail™ address and password.


**Note:** You will need to enter a new pattern, PIN, or password after your phone is unlocked.

## LOCK YOUR SIM

To lock your SIM (the next time you power up the phone you will need to enter your SIM PIN), touch  > **Settings** > **Location & security** > **Set up SIM card lock** > **Lock SIM card**. Enter your SIM PIN code.

**Caution:** If you enter an incorrect PIN code three times, your phone locks your SIM card and asks for your PIN unlock code.

## CHANGE SIM PIN

To change your SIM PIN, touch  > **Settings** > **Location & security** > **Set up SIM card lock** > **Change SIM PIN**.

## FORGOT YOUR SIM PIN?


If you forget your SIM PIN, contact your service provider to obtain your PIN unlock code. To unlock your SIM card, enter the PIN unlock code when prompted.

## UPDATE MY PHONE

Stay up to date with the latest software for your phone. You can check, download, and install updates using your phone or your computer:

- Using your phone:

You may get an automatic notification of an available update on your phone. Follow the instructions to download and install.

To manually check for updates, touch  > **Settings** > **About phone** > **System updates**.

Your phone downloads any updates over your mobile network. Remember, these updates can be quite large (25MB or more) and may not be available in all countries. If you don't have an unlimited data plan, or mobile network updates are not available in your country, you can update using a computer.

- Using your computer:

On your computer, go to [www.motorola.com/myi867](http://www.motorola.com/myi867) and check the "Software" links. If an update is available, simply follow the installation instructions.



# 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  >  **Settings** > **Privacy** > **Master Clear**.

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

## 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), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-453-0920 (United States), 1-877-483-2840 (TTY, TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

November 30, 2011

## Battery Use & Safety

The following battery use and safety information applies to all Motorola mobile devices. If your mobile device uses a non-removable main battery (as stated in your product information), details related to handling and replacing your battery should be disregarded—the battery should only be replaced by a Motorola-approved service facility, and any attempt to remove or replace your battery may damage the product.

**Important:** Handle and store batteries properly to avoid injury or damage. Most battery safety 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 use tools, sharp objects, or excessive force to insert or remove the battery as this can damage the battery.**
- **Don't let the mobile device or battery come in contact with liquids.\*** Liquids can get into the mobile device's circuits, leading to corrosion.
- **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.\*** High temperatures can cause the battery to swell, leak, or malfunction.
- **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 mobile device or battery.\*** 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 in any of the ways listed here.**

\* **Note:** Always make sure that any battery, connector and compartment covers are closed and secure to avoid direct exposure of the battery to any of these conditions, even if your product information states that your **mobile device** can resist damage from these conditions.

**Important:** Motorola recommends you always use Motorola-branded batteries and chargers for quality assurance and safeguards. Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers. To help you identify authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. You should confirm that any battery you purchase has a "Motorola Original" hologram. 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.

**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. You can recycle your used batteries in many retail or service provider locations. Additional information on proper disposal and recycling can be found at [www.motorola.com/recycling](http://www.motorola.com/recycling)

**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:**

- During charging, keep your battery and charger near room temperature for efficient battery 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.

## Third Party Accessories

Use of third party accessories, including but not limited to batteries, chargers, headsets, covers, cases, screen protectors and memory cards, may impact your mobile device's performance. In some circumstances, third party accessories can be dangerous and may void





your mobile device's warranty. For a list of Motorola accessories, visit [www.motorola.com/products](http://www.motorola.com/products)

## 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, and may be prohibited or restricted in certain areas—always obey the laws and regulations on the use of these products.

### While driving, NEVER:

- Type, read, enter or review texts, emails, or any other 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" at [www.motorola.com/callsmart](http://www.motorola.com/callsmart) (in English only).

## Seizures, Blackouts & Eyestrain

To reduce eyestrain and avoid headaches, it is always a good idea to hold the screen at a comfortable distance from your eyes, use in a well-lit area, and take frequent breaks. Some people may be susceptible to seizures or blackouts (even if they have never had one before) when exposed to flashing lights or light patterns, such as when playing video games, or watching videos with flashing-light effects.

Discontinue use and consult a physician if any of the following symptoms occur: seizures, blackout, convulsion, eye or muscle twitching, loss of awareness, or disorientation.

If you or someone in your family has experienced seizures or blackouts, please consult with your physician before using an application that produces flashing-light effects on your mobile device.

## 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 website 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.

## 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.

**Supervise access for older children.** Similar to a computer, if an older child does use your mobile device, you may want to monitor their access to help prevent:

- Exposure to inappropriate apps or content.
- Improper use of apps or content.
- Loss of data.

## Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product 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 Areas

Potentially explosive areas are often, but not always, posted and can include blasting areas, fueling stations, 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, unless it is a radio product type especially qualified for use in such areas and certified as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). 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.
	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.
	Do not use tools.

Symbol	Definition
	For indoor use only.

## 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 accessory (e.g. clip, holder, holster, case or arm band). If you do not use a body-worn accessory supplied or approved by Motorola, ensure that whatever product is used is free of any metal and that it positions the mobile device at least 2.5 cm (1 inch) away from the body.
- Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our website at: [www.motorola.com](http://www.motorola.com).

### Two-Way Radio Operation

Your radio product has been designed and tested to comply with national and international standards and guidelines regarding human exposure to RF electromagnetic energy, when operated in the two-way mode (at the face, or at the abdomen when using an audio accessory) at usage factors of up to 50% talk/50% listen.

Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the PTT button. To receive calls, release the PTT button. Transmitting 50% of the time or less, is

important because this radio generates measurable RF energy only when transmitting (in terms of measuring for standards compliance).

When using your radio product as a traditional two-way radio, **hold the radio product in a vertical position with the microphone 2.5 to 5 cm (1 to 2 inches) away from the lips.**



## 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, such as hospitals or health care facilities.

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.

### Medical Devices

If you have a medical device, including an implantable medical device such as a pacemaker or defibrillator, consult your healthcare provider and the device manufacturer's directions 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.

## Specific Absorption Rate (FCC & IC)

### YOUR MOBILE DEVICE MEETS FCC AND IC LIMITS FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) adopted by the Federal Communications Commission (FCC) and Industry Canada (IC). These limits include a

substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 1.6 W/kg. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the FCC and IC guidelines for your device model are listed below:

Head SAR	iDEN 800/900 MHz, Wi-Fi, Bluetooth	0.67 W/kg
Body-worn SAR	iDEN 900 MHz, Wi-Fi, Bluetooth	0.59 W/kg

During use, the actual SAR values for your device are usually well below the values stated. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

If you are interested in further reducing your RF exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body. Additional information can be found at [www.motorola.com/rfhealth](http://www.motorola.com/rfhealth).

## Specific Absorption Rate (ICNIRP)

### YOUR MOBILE DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) recommended by international guidelines. The guidelines were developed by an independent scientific organization (ICNIRP) and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the ICNIRP guidelines for your device model are listed below:

Head SAR	iDEN 900 MHz, Wi-Fi, Bluetooth	0.44 W/kg
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During use, the actual SAR values for your device are usually well below the values stated. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

If you are interested in further reducing your RF exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body. Additional information can be found at [www.motorola.com/rfhealth](http://www.motorola.com/rfhealth).

## FCC Notice to Users

**The following statement applies to all products that bear the FCC logo on the product label.**

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. See 47 CFR Sec. 15.105(b). 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.

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(a)(3).

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.

For products that support Wi-Fi 802.11a (as defined in your product information): This device is restricted to indoor use when operating in the 5.15 to 5.25 GHz (802.11a) Wi-Fi frequency band.

## Industry Canada Notice to Users

This device complies with Industry Canada license-exempt RSS standard(s). 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.

## Software Notices

**Warning against unlocking the bootloader or altering a product's operating system software:** Motorola strongly recommends against altering a product's operating system, which includes unlocking the bootloader, rooting a device or running any operating software other than the approved versions issued by Motorola and its partners. Such alterations may permanently damage your product, cause your product to be unsafe and/or cause your product to malfunction. In such cases, neither the product nor any damage resulting therefrom will be covered by warranty.

**Important FCC information:** You must not make or enable any changes to the product that will impact its FCC grant of equipment authorization. The FCC grant is based on the product's emission, modulation, and transmission characteristics, including: power levels, operating frequencies and bandwidths, SAR levels, duty-cycle, transmission modes (e.g., CDMA, GSM), and intended method of using the product (e.g., how the product is held or used in proximity to the body). A change to any of these factors will invalidate the FCC grant. It is illegal to operate a transmitting product without a valid grant.

## Location Services

The following information is applicable to Motorola mobile devices that provide location based functionality. Location sources can include GPS, AGPS and Wi-Fi. 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 mobile device can also use *Wi-Fi* signals to determine your approximate location, using information from known and available Wi-Fi networks.

## 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 location 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.

## Navigation

The following information is applicable to Motorola mobile devices that provide navigation features.

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.

## 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. Use your device's security and lock features, where 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 MOTOBLUR). 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 and updates**—Choose your apps and updates carefully, and install from trusted sources only. Some apps can impact your phone's performance and/or have access to private information including account details, call data, location details and network resources.
- **Wireless**—For mobile devices with Wi-Fi features, only connect to trusted Wi-Fi networks. Also, when using your device as a hotspot (where available) use network security. These precautions will help prevent unauthorized access to your device.
- **Location-based information**—Mobile devices enabled with location based technologies such as GPS, AGPS or Wi-Fi, can transmit location-based information. See "Location Services" for more details.
- **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.



### drying

Don't try to dry your mobile device using a microwave oven, conventional oven, or dryer, as this may damage the mobile device.



### extreme heat or cold

Don't store or use your mobile device in temperatures below -10°C (14°F) or above 60°C (140°F). Don't recharge your mobile device in temperatures below 0°C (32°F) or above 45°C (113°F).



### dust and dirt

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



### cleaning

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 any battery, connector and compartment 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) (in English only). 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.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Contact your service provider or Motorola for information on hearing aid compatibility. If you have questions about return or exchange policies, contact your service provider or phone retailer.

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

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) (in English only) 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 information** > **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) (in English only)

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 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), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-453-0920 (United States), 1-877-483-2840 (TTY, TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

## How to Obtain Service or Other Information

1. Please access and review the online Customer Support section of Motorola's consumer website prior to requesting warranty service.
2. If the Product is still not functioning properly after making use of this resource, please contact the Warrantor listed at the Motorola website or the contact information for the corresponding location.
3. A representative of Motorola, or of a Motorola Authorized Repair Center, will help determine whether your Product requires service. You may be required to download, or otherwise obtain and accept software updates from Motorola or a Motorola Authorized Repair Center. You are responsible for any applicable carrier service fees incurred while obtaining the required downloads. Complying with the warranty process, repair instructions and accepting such software updates is required in order to receive additional warranty support.
4. If the software update does not fix the problem, you will receive instructions on how to ship the Product to a Motorola Authorized Repair Center or other entity.
5. To obtain warranty service, as permitted by applicable law, you are required to 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) your

address and telephone number. In the event the Product is not covered by the Motorola Limited Warranty, Motorola will inform the consumer of the availability, price and other conditions applicable to the repair of the Product.

**To obtain service or other information, please access and review the online Customer Support section of Motorola's consumer website at [www.motorola.com](http://www.motorola.com).**

## Motorola Mobility Inc. Limited Global Warranty Mobile Phones

**Note: This Limited Warranty is not applicable in Quebec, Canada. FOR CONSUMERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS.**

### Who is Covered?

This Limited Warranty extends only to the first consumer purchaser of the Product, and is not transferable.

### What Does this Limited Warranty Cover?

Motorola Mobility Inc. or its subsidiaries' warranty obligations are limited to the terms and conditions set forth herein. Subject to the exclusions contained below, Motorola Mobility Inc. or its subsidiaries ("Motorola") warrant this Mobile Phone, and any in-box accessories which accompany such Mobile Phone ("Product") against defects in materials and workmanship, under normal consumer use, for a period of ONE (1) YEAR from the date of retail purchase by the original end-user purchaser, or the period of time required by the laws of the country where the Product is purchased, whichever is longer ("Warranty Period").

Repairs made under this Limited Warranty are covered for the balance of the original Warranty Period, or 90 days from the date of service, whichever is longer. Any upgrade to the original product will be covered only for the duration of the original Warranty Period.

This Limited Warranty is only available in the country where the Product was purchased. Motorola may provide service outside the country of purchase, to the extent that it is possible and under the terms and conditions of the country of purchase.

This Limited Warranty applies only to new Products which are a) manufactured by or for Motorola as identified by the "Motorola" trademark, trade name, or logo legally affixed to



them; b) purchased by consumers from an authorized reseller or distributor of Motorola Products; and c) accompanied by this written Limited Warranty.

## What Will Motorola Do?

If a covered defect or damage arises and a valid warranty claim is received within the applicable Warranty Period, Motorola, at its sole option, unless otherwise required by applicable law, will either (1) repair, at no charge, the defect or damage using new, used or reconditioned/refurbished functionally equivalent replacement parts; or (2) exchange the Product with a replacement Product that is new or which has been reconditioned/refurbished or otherwise remanufactured from new or used parts and is functionally equivalent to the original Product; or (3) refund the purchase price of any Products covered by the terms and conditions of this Limited Warranty.

Products, parts and supporting documentation provided to Motorola as part of the warranty process, shall become the property of Motorola, and may not be returned. When a replacement or refund is given, the Product for which the replacement or refund is provided must be returned to Motorola and shall become the property of Motorola.

## Exclusions (Products and Accessories)

### This warranty does not apply to:

- (a) **Consumable parts**, such as batteries or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship. As with all batteries, the maximum capacity of the battery will decrease with time and use; this is not a defect. Only defective batteries and batteries that leak are covered by this warranty.
- (b) **Cosmetic damage**, including but not limited to scratches, dents, cracks or other cosmetic damage.
- (c) **Damage caused by use with non-Motorola products**. Defects or damage that result from the use of non-Motorola branded or certified Products, accessories or other peripheral equipment, including without limitation housings, parts, or software, are excluded from coverage.
- (d) **Damage caused by accident, abuse, misuse, liquid contact, fire, earthquake or other external causes**; including but not limited to: (i) improper usage or operation (e.g. operating the Product outside their permitted or intended uses as defined by Motorola, including but not limited to as set forth by Motorola in the Products' User Manual, Quick Start Guide, Online Tutorials, and other documentation), improper storage (e.g. subjecting the Product to extreme temperatures), abuse or neglect (e.g. broken/bent/missing clips/fasteners/connectors); impact damage (e.g. dropping the Product) (ii) contact with liquids, water, rain, extreme humidity, heavy perspiration or other moisture; sand, food, dirt or similar substances (except for Products sold as resistant to such substances, but only to the

extent the damage was not caused by incorrectly securing the phone's protective elements or subjecting the Product to conditions beyond its stated specifications or limits); (iii) use of the Products for commercial rental purposes; or (iv) external causes or acts which are not the fault of Motorola, including but not limited to flood, fire, earthquake, tornado or other acts of God, are excluded from coverage.

(e) **Unauthorized Service or Modification**. Defects or damage resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way, including but not limited to tampering with or altering the software, by someone other than Motorola, or its authorized service centers, are excluded from coverage. Notwithstanding the foregoing, any Product which has had its bootloader unlocked, or whose operating system has been altered, including any failed attempts to unlock the bootloader or alter such operating system, is not covered by this warranty, regardless of whether such modifications are authorized, approved, or otherwise sanctioned by Motorola.

(f) **A product or part that has been modified in any manner without the written permission of Motorola**. Products that have been altered in any manner so as to prevent Motorola from determining whether such Products are covered under the terms of this Limited Warranty are excluded from coverage. The foregoing shall include but not be limited to (i) serial numbers, date tags or other manufacturer coding that has been removed, altered or obliterated; (ii) mismatched or duplicated serial numbers; or (iii) broken seals or other evidence of tampering. Do not open the Product or attempt to repair the Product yourself; such conduct may cause damage that is not covered by this warranty.

(g) **Normal wear and tear or otherwise due to the normal aging of the Product**.

(h) **Defects, damages, or the failure of the Product due to any communication service or network you subscribe to or use with the Products**.

(i) **All software, including operating system software, third-party software, applications, and all other software of any kind**. Software distributed by Motorola is provided "AS-IS" and "AS AVAILABLE," "WITH ALL FAULTS" and without a warranty of any kind. The Limited Warranty does not apply to any non-Motorola product or any software, even if packaged or sold with the Motorola hardware, unless otherwise required by applicable local law.

(j) **Products that have been refurbished, reconditioned, or remanufactured**, except for Products repaired or replaced pursuant to the terms of this Limited Warranty. If damage is outside the scope of warranty coverage, repair services may be available, but all costs associated with such out of warranty repair will be your responsibility.

## What Other Limitations are There?

- TO THE EXTENT PERMITTED BY APPLICABLE LAW, THIS LIMITED WARRANTY AND THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. NO ORAL OR WRITTEN REPRESENTATIONS MADE BY MOTOROLA OR ANY SELLER, RESELLER OR DISTRIBUTOR OF THE PRODUCTS, INCLUDING EMPLOYEES AND AGENTS THEREOF, SHALL CREATE ANY ADDITIONAL WARRANTY OBLIGATIONS, INCREASE THE SCOPE, OR OTHERWISE MODIFY IN ANY MANNER THE TERMS OF THIS LIMITED WARRANTY.
- TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT AND ALL WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. WHERE SUCH STATUTORY OR IMPLIED WARRANTIES CANNOT LAWFULLY BE DISCLAIMED, THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THE EXPRESS LIMITED WARRANTY CONTAINED HEREIN AND THE REMEDIES OF REPAIR, REPLACEMENT, OR REFUND AS DETERMINED BY MOTOROLA IN ITS SOLE DISCRETION SHALL BE THE EXCLUSIVE REMEDY OF THE CONSUMER.
- TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA DOES NOT WARRANT THAT THE OPERATION OF ANY PRODUCTS OR SOFTWARE COVERED UNDER THIS LIMITED WARRANTY WILL MEET YOUR REQUIREMENTS, WORK IN COMBINATION WITH ANY HARDWARE OR SOFTWARE APPLICATIONS OR THIRD PARTY SERVICES, BE UNINTERRUPTED, ERROR-FREE, OR WITHOUT RISK TO, OR LOSS OF, ANY INFORMATION, DATA, SOFTWARE OR APPLICATIONS CONTAINED THEREIN, OR THAT DEFECTS IN THE PRODUCTS OR SOFTWARE WILL BE CORRECTED.
- TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT, TORT OR UNDER OTHER LEGAL THEORY (INCLUDING NEGLIGENCE), FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCTS, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS; LOSS OF BUSINESS; BUSINESS INTERRUPTION; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION; LOSS OF, DAMAGE TO, OR CORRUPTION OF INFORMATION, DATA, SOFTWARE OR APPLICATIONS (INCLUDING ANY COSTS ASSOCIATED WITH RECOVERING, PROGRAMMING, OR REPRODUCING ANY INFORMATION, DATA, SOFTWARE OR APPLICATIONS STORED ON OR USED WITH MOTOROLA PRODUCTS, OR ANY FAILURE TO MAINTAIN THE CONFIDENTIALITY OF ANY INFORMATION OR DATA STORED ON THE

PRODUCTS); OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS.

- SOME STATES OR JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR THE EXCLUSION OR LIMITATION ON THE LENGTH OF AN IMPLIED WARRANTY, OR THE LIMITATION OR EXCLUSION OF DAMAGES FOR PERSONAL INJURIES CAUSED BY NEGLIGENCE, 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 OR JURISDICTION.
- **DATA BACKUP:** ALL INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS, INCLUDING BUT NOT LIMITED TO PERSONAL CONTACTS, ADDRESS BOOKS, PICTURES, MUSIC AND GAMES WILL BE ERASED DURING THE REPAIR PROCESS, AND CAN NOT BE REINSTALLED BY MOTOROLA. TO AVOID LOSING SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS PLEASE CREATE A BACK UP BEFORE YOU DELIVER YOUR PRODUCT FOR WARRANTY SERVICE. REMOVE ANY CONFIDENTIAL, PROPRIETARY OR PERSONAL INFORMATION AND DISABLE ANY SECURITY PASSWORDS. YOU WILL BE RESPONSIBLE FOR REINSTALLING ALL SUCH INFORMATION, DATA, SOFTWARE, OTHER APPLICATIONS AND PASSWORDS. MOTOROLA AND/OR ITS AUTHORIZED SERVICE CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OR MISUSE OF ANY DATA, FILES, CONTENT, APPLICATIONS AND PROGRAMS WHEN THE PRODUCT IS DELIVERED FOR WARRANTY SERVICE. YOUR PRODUCT OR A REPLACEMENT PRODUCT WILL BE RETURNED TO YOU AS YOUR PRODUCT WAS CONFIGURED WHEN ORIGINALLY PURCHASED, SUBJECT TO APPLICABLE SOFTWARE UPDATES. MOTOROLA MAY INSTALL OPERATING SYSTEM SOFTWARE UPDATES AS PART OF WARRANTY SERVICE THAT MAY PREVENT THE PRODUCT FROM REVERTING TO AN EARLIER VERSION OF THE OPERATING SYSTEM SOFTWARE. THIRD PARTY APPLICATIONS INSTALLED ON THE PRODUCT MAY NOT BE COMPATIBLE OR WORK WITH THE PRODUCT AS A RESULT OF THE OPERATING SYSTEM SOFTWARE UPDATE. MOTOROLA AND ITS AUTHORIZED SERVICE CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OF, OR INABILITY TO USE, SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS.
- **WARNING AGAINST UNLOCKING THE BOOTLOADER OR ALTERING A PRODUCT'S OPERATING SYSTEM SOFTWARE:** MOTOROLA STRONGLY RECOMMENDS AGAINST ALTERING A PRODUCT'S OPERATING SYSTEM, WHICH INCLUDES UNLOCKING THE BOOTLOADER, ROOTING A DEVICE OR RUNNING ANY OPERATING SOFTWARE OTHER THAN THE APPROVED VERSIONS ISSUED BY MOTOROLA AND ITS PARTNERS. SUCH ALTERATIONS MAY PERMANENTLY DAMAGE YOUR PRODUCT, CAUSE YOUR PRODUCT TO BE UNSAFE AND/OR CAUSE YOUR

PRODUCT TO MALFUNCTION. IN SUCH CASES, NEITHER THE PRODUCT NOR ANY DAMAGE RESULTING THEREFROM WILL BE COVERED BY THIS WARRANTY.

- **IMPORTANT FCC INFORMATION:** YOU MUST NOT MAKE OR ENABLE ANY CHANGES TO THE PRODUCT THAT WILL IMPACT ITS FCC GRANT OF EQUIPMENT AUTHORIZATION. THE FCC GRANT IS BASED ON THE PRODUCT'S EMISSION, MODULATION, AND TRANSMISSION CHARACTERISTICS, INCLUDING: POWER LEVELS, OPERATING FREQUENCIES AND BANDWIDTHS, SAR LEVELS, DUTY-CYCLE, TRANSMISSION MODES (E.G., CDMA, GSM), AND INTENDED METHOD OF USING THE PRODUCT (E.G., HOW THE PRODUCT IS HELD OR USED IN PROXIMITY TO THE BODY). A CHANGE TO ANY OF THESE FACTORS WILL INVALIDATE THE FCC GRANT. IT IS ILLEGAL TO OPERATE A TRANSMITTING PRODUCT WITHOUT A VALID GRANT.

## Copyright & Trademarks

Motorola Mobility, Inc.  
Consumer Advocacy Office  
600 N US Hwy 45  
Libertyville, IL 60048  
[www.motorola.com](http://www.motorola.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) 453-0920 (United States)

1 (877) 483-2840 (TTY, TDD United States for hearing impaired)

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:** Motorola does not take responsibility for changes/modification to the transceiver.

Product ID: Motorola Model i867

Manual Number: NNTN9213A



FCC SUBMISSION

November 30, 2011

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