

APPLICANT MOTOROLA INC.

FCC ID: IHDT56MS1

INSTRUCTION MANUAL

A representative version of the user's manual follows:

MOTO™ WX435

LIFE.  POWERED.

Congratulations

MOTO™ WX435

MOTO WX435 gives you a high quality imaging, video, and multimedia experience. Your new phone also syncs feeds, messages, emails, photos, and much more—from sources like Facebook™, Twitter, MySpace, Gmail™, your email at work—and serves them all up just the way you want them.

- Tap, tap, play: Instant music. Just open your media player and select a playlist.
- Download thousands of cool apps from Android Market™ and the Motorola app store, to play and surf to your heart's content.

Note: Certain apps and features may not be available in all countries.

Caution: Before assembling, charging or using your phone for the first time, please read the important legal and safety information packaged with your product.

More

- **Answers:** Add the Tips & Tricks widget to your home screen. See “Widgets” on page 8.
- **Support:** Phone updates, PC software, user guides, online help and more at www.motorola.com/support.
- **Accessories:** Find accessories for your phone at www.motorola.com/products.

Your phone

the important keys & connectors



Contents

Let's go	3
Touchscreen & keys	4
Home screen	7
Calls	10
Contacts	12
Messaging	14
Text entry	16
Tips & tricks	17
Photos & videos	18
Music	22
YouTube™	27
Web	28
Personalize	30
Navigation™	32
Google Maps™	33
Google Latitude™	35
Apps for all	36
Manage your life	38
Bluetooth® wireless	40
Wi-Fi®	42
Memory card & file transfer	43
Tools	44
Management	48
Security	49
Troubleshooting	50
Safety, Regulatory & Legal	51

Let's go

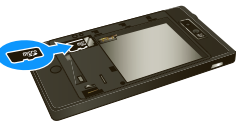
let's get you up and running

Assemble & charge

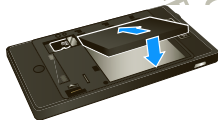
1 cover off



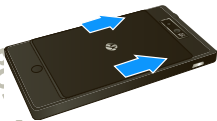
2 microSD in



3 battery in



4 cover on



5 charge up




Caution: Please read "Battery Use & Safety" on page 51.

Tip: To save battery life, see "Battery tips" on page 18.

Set up & go

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

Note: This phone supports data-intensive apps and services. It is strongly recommended that you purchase a data plan that meets your needs. Contact your service provider for details.

- 1 Press and hold Power  (on the side of your phone) to turn it on.
- 2 Select a language.
- 3 Follow the setup wizard to create or log in to your Google account.



Wi-Fi® connect

If you want to use a Wi-Fi network for even faster Internet access, touch Menu  > **Settings** > **Wireless & networks** > **Wi-Fi settings**.

Cool content & more





Browse and download thousands of the coolest apps on the planet from Android Market™ (see “Apps for all” on page 36).

Your phone comes with a microSD memory card installed—you can load it up with photos, videos, and music from your computer (see “Memory card & file transfer” on page 43).

Touchscreen & keys

a few essentials

Your touchscreen is on when you need it and off when you don't.

- To make your touchscreen sleep or wake up, just press Power .
- When you hold the phone to your ear during calls, your touchscreen sleeps to prevent accidental touches.
- To change how long your phone waits before the screen goes to sleep automatically, touch Menu  > **Settings** > **Display** > **Screen timeout**.
- To make the screen lock when it goes to sleep, use “Screen lock” on page 49. To unlock the screen, press Power , then drag  to the right.

Note: Your touchscreen might stay dark if the sensor just above it is covered.

Don't use covers or screen protectors (even clear ones) that cover this sensor. To find Motorola accessories for your phone, visit www.motorola.com/products.



Touch tips



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

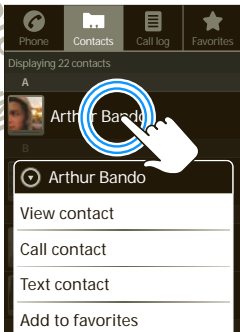
Touch

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





Touch & hold

To open special options, *touch and hold* an icon or other item. Try it: Touch  >  **Contacts**, then touch and hold a contact to open options.

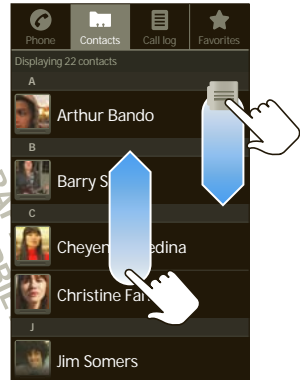


Drag

To scroll through a list or move slowly, *drag* across the touchscreen. Try it:

Touch  >  **Contacts**, then drag your contact list up or down.

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



Flick

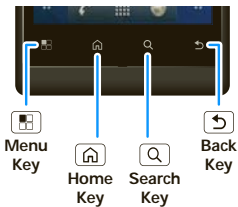
To scroll through a list or move quickly, *flick* across the touchscreen (drag quickly and release).

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

Key tips

Menu, home, back, & search

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



Touch Search (🔍) for text search, or touch and hold for voice search.

Touch Menu (☰) to open menu options, or touch Back (↶) to go back.

Sleep & wake up

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



To change how long your phone waits before the screen goes to sleep automatically, touch Menu (☰) > **Settings** > **Display** > **Screen timeout**.

Tip: To make the screen lock when it goes to sleep, use "Screen lock" on page 49. To unlock the screen, press Power (🔘), then drag (🔒) to the right.

Power key menu

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

Adjust volume

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

When playing music or video files, press the volume keys to adjust media volume.






Rotate the screen

When you rotate the phone, the touchscreen can rotate to stay right-side up:

Find it: Menu (☰) > **Settings** > **Display** > **Auto-rotate screen**

Quick tips


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

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

Home screen

quick access to the things you need most

Quick start: Home screen

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




Note: Your home screen might look a little different.

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

Widgets


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

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

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


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

Shortcuts

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

App menu



Quick start: App menu

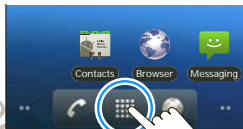
The app menu shows you all of your applications. To open it from the home screen, touch .

Flick up and down to see all of your apps. Any new apps that you download (see "Android Market™" on page 36) are added to the app menu.


To close the app menu, touch  at the bottom of the screen, or touch Home  or Back .

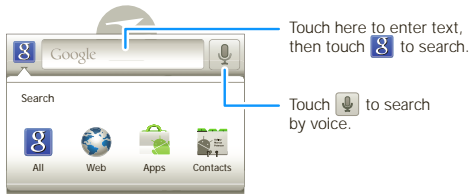
Recent apps

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



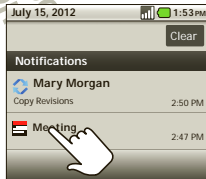
Search





















Touch Search , then use the search window that appears.



Notifications and phone status

At the top of the screen, icons on the left notify you about new messages or events (notifications). Icons on the right tell you about phone status. Drag or flick the bar down to show notification details.



	network (full signal)		network (roaming)
	3G (fastest data)		downloading
	speakerphone active		mute call
	voicemail message		GPS active
	USB connection		media player active
	Bluetooth® active		Bluetooth connected
	Wi-Fi® active		sync active
	vibrate		silent
	airplane mode		alarm set
	battery (charging)		battery (full charge)

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

Calls

it's good to talk

Quick start: Calls

From the home screen, touch .

Tip: You can also touch  >  **Phone**.



To use a Bluetooth device during a call, touch **Bluetooth**. For more information, see "Connect new devices" on page 41.)

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



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

Make, answer & end calls

To make a call, touch 📞, touch the **Phone** tab (if necessary), enter a number, then touch 📞.

To answer a call, touch **Answer** or drag 📞 to the right.

To end a call, touch 📞.

To ignore a call, touch **Ignore** or drag 📞 to the left.

Note: Your phone includes a proximity sensor. When you hold the phone to your ear, the display goes dark to prevent accidental touches. When you move the phone away from your ear, the display lights up again.

Recent calls

Find it: 📞 > **Call log**

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

Frequent calls

Find it: 📞 > **Call log** or **Favorites**

- To call a number, touch it.

- To send a text message, create a contact, view a contact, or other options, touch and hold an entry.

Conference calls

To start a conference call, call the first number. After the call connects, touch **Add Call**. Dial the next number, or select it from contacts or favorites. When the next number answers, touch **Merge calls**.

Your phone number

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

Call forwarding & waiting

You can forward calls all the time, or only when your phone is busy, unanswered, or unreachable (not on the network):



Find it: Menu (☰) > **Settings** > **Call settings** > **CDMA call settings** > **CDMA Call forwarding**

When you're on a call and a second call comes in, call waiting lets you answer it by tapping **Answer**. You can turn off call waiting, to send second calls straight to your voicemail:

Find it: Menu (☰) > **Settings** > **Call settings** > **CDMA call settings** > **CDMA Call waiting**

Emergency calls

Note: Your service provider programs one or more emergency phone numbers (such as 911 or 112) that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

- 1 Touch  (if your phone is locked, touch **Emergency Call**).
- 2 Enter the emergency number.
- 3 Touch  to call the emergency number.

Note: Your mobile device can use GPS and AGPS signals to help emergency services find you. See “GPS & AGPS” on page 55.

Cool down

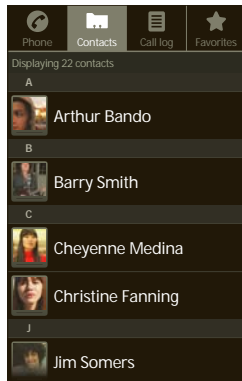
In very limited circumstances, such as where your phone has been exposed to extreme heat, “Cool Down” message screens will appear. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in “Cool Down” mode, only emergency calls can be made.

Contacts

contacts like you've never had before

Quick start: Contacts

Find it:  >  **Contacts**




Contacts List

Touch a contact to call or email. Touch & hold to text, add to favorites, edit, or delete the contact.

Menu Options

Touch Menu  to add new contacts, search, import/export, & more.

Tip: To search the list, touch Search . When you flick or drag the list, a scroll bar appears. Drag the scroll bar to move the list faster.

Call, text, or email contacts

Find it:  >  **Contacts**

To call or email a contact, touch it.

To text a contact, touch and hold it.

Edit or delete contacts

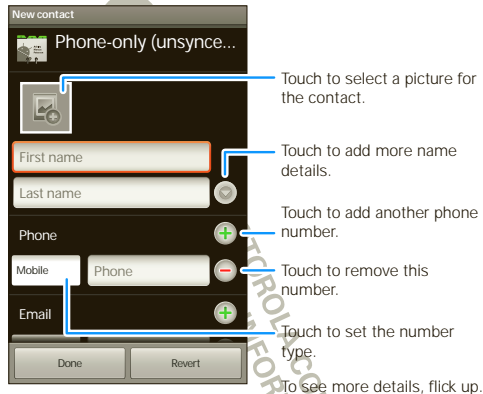
Find it:  >  **Contacts**

Touch and hold the contact, then touch **Edit contact** or **Delete contact**.

Create contacts

Find it:  >  **Contacts**, then touch Menu 

> **New contact**



Touch any text entry area to open the touchscreen keypad.

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

Change contact list view

Find it:  >  **Contacts**, then touch Menu 

> Display options

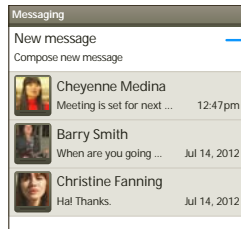
You can set your contact list to show only contacts with phone numbers, sort the list by first names or last names, and set the contacts to appear first name first or last name first.

Messaging

sometimes it's best to text, or IM, or email . . .

Quick start: Messaging

Find it:  >  **Messaging**



Create Messages

Message List

Touch to open a message.
Touch & hold to delete,
& more.


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

Read & reply to messages


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

Create messages

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

Choose a message type, such as **Text messaging** or **Facebook**. Then, enter the recipient and message. In text messages and emails, touch Menu  for options like **Insert...** or **Attach files**.

Send & receive attachments

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

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

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

Tip: To send and receive large attachments faster, use a Wi-Fi® connection. See “Wi-Fi®” on page 42.


Email

To send email messages using your Gmail™ account or corporate email account, see “Manage your life” on page 38.

Google Talk™

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

Find it:  >  **Talk**

Touch Menu  to see a list of your Google Talk friends, or send invitations to add new friends. For more information, visit www.google.com/talk.




Instant messages


To send and receive instant messages, you can use Google Talk™, another instant messaging app, or your browser.

- To download and use another instant messaging app, touch  >  **Market** > **Apps** > **Communication**, then choose an app for your provider. Once you download the app, you'll see it in “App menu” on page 8.
- If you don't see an app for your IM provider, you can use your web browser. From the home screen, touch , then enter your provider's website. Once you're there, follow the link to sign in.

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

Voicemail

When you have a new voicemail,  shows at the top of your screen. To hear the voicemail, touch , then touch .




If you need to change your voicemail number, in the home screen touch Menu  > **Settings** > **Call settings** > **Voicemail settings** > **Voicemail number**.


Text entry

keys when you need them

When you use the touchscreen keypad, your phone suggests words from the dictionary and chosen language. The phone also automatically enters apostrophes in some words, like "don't."

Typing tips

To...	
Enter one capital letter	Touch Shift  .
Enter only capital letters, until you touch Shift 	Touch Shift  twice. Touch again to revert to lowercase.
Move the text entry cursor	Touch the text where you want the cursor to go.
Select text	Touch and hold text, then touch Select text or Select all .
Cut or Copy selected text	Touch and hold selected text, then touch Cut or Copy .

To...	
Paste cut or copied text at cursor location	Touch and hold location to paste, then touch Paste .
Delete character to left of cursor (hold to delete more)	Touch Delete  .

Text entry settings

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

- To change the language and the style for your touchscreen keypad, tap **Select language**.
- To change the sounds, corrections, and other settings for your touchscreen keypad, tap **TouchPal**.

Tips & tricks


a few handy hints

To...	
Return to the home screen	Touch Home  .
See recently dialed numbers	Touch  > Call log .
Search	Touch Search  .
Sleep/wake your phone	Press Power  .
Set screen timeout	Touch Menu  > Settings Display > Screen timeout .
Show last few apps used	Touch and hold Home  .
Turn sound on/off	Press and hold Power  then touch Silent mode .
Turn airplane mode on/off	Press and hold Power  then touch Airplane mode .

Battery tips

Your phone is like a small computer, giving you a lot of information and apps, at 3G speed, with a touchscreen display! Depending on what you use, that can take a lot of power.

Want to extend your battery life? Try these:

- To turn off Bluetooth® power, touch Menu  > **Settings** > **Wireless & networks** > **Bluetooth**.
- To turn off Wi-Fi® power, touch Menu  > **Settings** > **Wireless & networks** > **Wi-Fi**.
- To reduce the time your phone display stays on, touch Menu  > **Settings** > **Display** > **Screen timeout**, and select a lower timeout setting.

Photos & videos

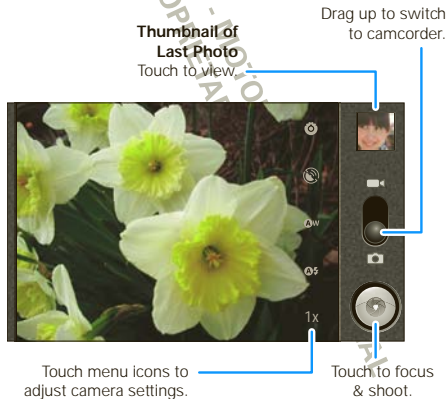
see it, capture it, share it!

Photos


Take & share photos


Take that family photo, and post it online for everyone to see. Your camera has a built-in flash for perfect photos every time.

Find it:  >  **Camera**



Note: Photos are stored on your microSD memory card. **Picture resolution** is **5MP**, unless you change it.

To **take** the photo, touch .


Tip: To **focus** before you take a photo, touch and hold . The camera beeps twice when focus is set, and then takes the photo.

Your phone stores the photo, and shows a thumbnail image of the photo in the corner of the screen. To see the photo you just took, touch the thumbnail. Then:

- To **set** the photo as a wallpaper or contact photo, touch **More** > **Set as**.
- To **send** the photo in a message or post it online, touch **Share**. For more info on sharing your photos, see “Share photos & videos” on page 21.
- To **delete** the photo, touch **Delete**.

Camera settings

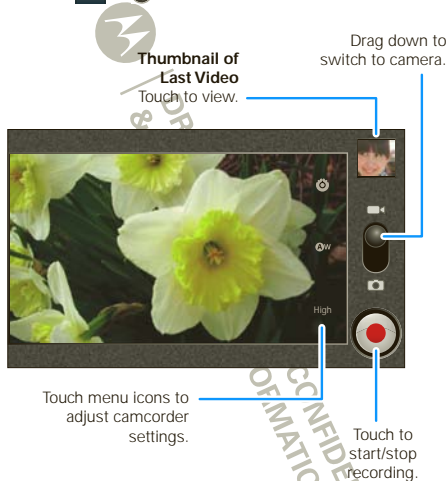
Touch the menu icons in the viewfinder to adjust camera settings:



options 	
Focus mode	Set to Auto , Normal , or Off .
Picture size	Set to 5M Pixels , 3M Pixels , or HD1080 .
Store location	Set to On to store location information with the photos you take.
White balance	Set to Auto , Incandescent , Daylight , Fluorescent , or Cloudy .
Flash mode	Set to Auto , On , or Off .
Zoom	Zoom in or out on the viewfinder image.

Videos


Record & share videos

Find it:  >  **Camcorder**



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

Your phone stores the video, and shows a thumbnail image of the video in the corner of the screen. To see the video you just took, touch the thumbnail. Then:

- To **play** the video, touch .
- To **send** the video in a message or post it online, touch **Share**. For more info on sharing your videos, see "Share photos & videos" on page 21.
- To **delete** the video, touch **Delete**.

Camcorder settings

Touch the menu icons in the viewfinder to adjust camcorder settings.

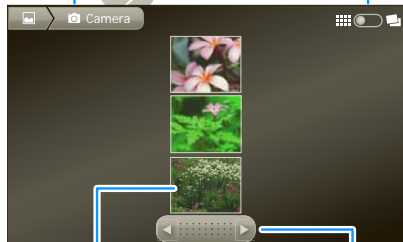
options	
Color effect	Set to None , Mono , Sepia , Negative , or Solarize .
White balance	Set to Auto , Incandescent , Daylight , Fluorescent , or Cloudy .
Video quality	Set to High (30m) , Low (30m) , MMS (Low, 30s) , YouTube (High, 10m) , or Custom .

View photos & videos

Find it:  >  **Gallery**

Current folder
or category.

Drag left for thumbnails,
drag right for categories.



Thumbnails

Touch a photo or
video to view it.



Touch to scroll
left/right through
thumbnails.

Tip: Turn the phone sideways for a widescreen view.

The gallery first displays photos and videos as thumbnail images. Scroll through the thumbnails by flicking them left or right. Touch a thumbnail to enlarge it to full-screen view. Then:

- Flick left/right to view the previous/next image.

- Touch **Slideshow** to cycle through all images in the current folder.

Videos are paused at the beginning. To control video playback, touch play  and pause  on the screen.

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

Send videos to your HDTV

Want a larger HD experience? Send the video from the phone to your HDTV over an HDMI cable connection.

Share photos & videos

Find it:  >  **Gallery**

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

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

Manage photos & videos

Find it:  >  **Gallery**

Touch and hold a photo or video, then:

- To delete the photo or video, touch **Delete**.
- To set a photo as a contact or wallpaper image, touch **More** > **Set as**.

Additional options let you crop or rotate a photo.

Tip: To copy photos and videos to/from a computer, see “Memory card & file transfer” on page 43.



DRAFT - MOTOROLA CONFIDENTIAL
& PROPRIETARY INFORMATION

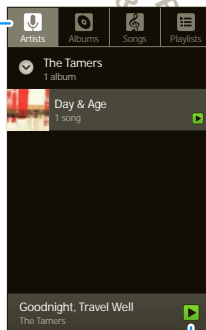
Music

when music is what you need...

Quick start: Music

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

Find it:  >  **Music**





Categories
Touch to list & select songs or playlists.

Last Played
Touch to play again.



Music Controls

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

To listen to music during a flight, turn off all your network and wireless connections: Press and hold Power  then touch **Airplane mode**.

Set up music

What music transfer tools do I need?

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

- Microsoft™ Windows™ PC or Apple™ Macintosh™.
- USB data cable.
- 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, Menu  > **Settings** > **SD card & phone storage**.

What music file formats can I play?

Your phone can play many types of files: MP3, M4A, AAC, ACC+, MIDI, WAV, and OGG Vorbis.

Note: Your phone does not support any DRM protected files.

What headphones can I use?

Your phone has a 3.5mm headset jack for wired stereo listening. You can go wireless with Bluetooth® stereo headphones or speakers (see “Bluetooth® wireless” on page 40).

Get music

Rip a CD

Not literally. If you're new to digital music transfer, this means transferring music from a music CD to your PC.

To rip a music CD on your PC, you can use Microsoft™ Windows™ Media Player. You can download Windows Media Player from www.microsoft.com.

- 1 On your PC, open Windows Media Player.
- 2 Insert a music CD into the PC's CD-ROM drive.

Note: Make sure you change the format to MP3 in “Rip > Format > Rip Settings.”


- 3 In the Windows Media Player window, click on the "Rip" tab.
- 4 Highlight the songs you want to import, and click "Start Rip".

The songs are imported to the Windows Media Player Library.

Transfer using Windows Media Player

Transfer music files from a PC to your memory card.

Note: Copyright—do you have the right? Always follow the rules. See "Content Copyright" in your legal and safety information.

- 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 PC. Your phone should show  in the status bar.

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

- 2 On your phone, flick down the status bar to see the USB connection options.
- 3 Touch **USB connected** > **Turn on USB storage**.
- 4 On your PC, open Windows Media Player.

- 5 On the "Sync" tab, select "More Options." Under "Device," select your phone.
- 6 Select "Properties," check the "Create folder hierarchy on device" box, and click "OK."
- 7 Drag your music files over to the "Sync List" and press "Start Sync."
- 8 When you're done, use "Safely Remove Hardware" on your computer to unmount the phone's memory card from the computer.
- 9 On your phone, touch **Turn off USB storage**, then disconnect the USB cable.


Transfer using USB drag & drop

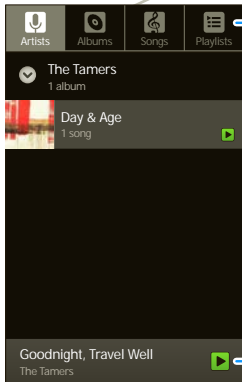
To manually copy files to your phone over a USB cable connection, see "Memory card & file transfer" on page 43.

Play music

Music library

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

Find it:    Music




Categories

Touch to select music by artist, album, song, or playlist.

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 **More** > **Shuffle all** to

randomly play all your songs, or touch Search  to look for a song.

Music player

Just touch a song or playlist to get going.



Open Playlist

Shuffle On/Off










Repeat Off/All/Current

Music Controls


Total Song Time


Progress Bar


Music player controls

controls	
play/pause	Touch  /  .
previous/next	Touch  /  .
fast forward/rewind	Touch and hold  /  .
volume	Press the side volume keys.
add to playlist	Touch Menu  > Add to playlist.
use as ringtone	Touch Menu  > Use as ringtone.
delete	Touch Menu  > Delete.

Hide, wake, turn off

Touch 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, Menu  > **Add to playlist** in the music player.

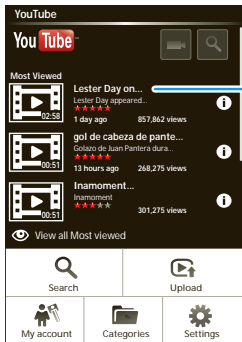
To edit, delete and rename playlists, touch and hold the playlist in the music library.

YouTube™

go and create your own classic

Quick start: YouTube

Find it:  >  YouTube



Categories

Touch a video to play.



Menu Options

Touch Menu  to search, upload, & more.

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 to find out more. To create an account or sign in, go to "Your account" on page 28.

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**.
- 3 Choose how you want to share—like **Bluetooth**, **Email**, **Text messaging**, and more.
- 4 Touch **Send**.

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 **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**.

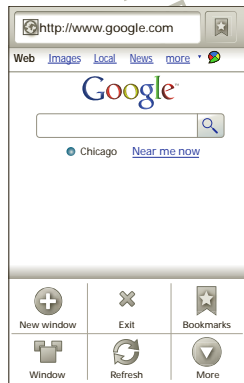
Web

surf the web with your phone

Quick start: Browser

From the home screen, touch .

Tip: You can also touch  >  **Browser**.




Touch Menu  for browser options.

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

Connect

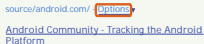
Your phone uses the mobile phone network (over the air) or a Wi-Fi® connection to automatically access the web.

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

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

Select links

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





source/android.com/ **Options**
Android Community - Tracking the Android Platform


Browser options

Touch Menu  to see browser options:



options	
New window	Open a new browser window.
Exit	Exit the browser.

options	
Bookmarks	See your bookmarks.
Windows 	View the browser windows that are currently open.
Refresh 	Reload the current page.
More	See more browser options and settings.

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 from the home screen, touch .

- 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, from the home screen touch , then touch  > **More** > **Downloads**.

To clear your download history, touch Menu  > **Clear list**. To cancel, touch Menu  > **Cancel all downloads**.

Personalize

add your personal touch

Widgets



Create widgets

- 1 Find an empty spot on your home screen where you want to add a widget. You can flick left or right to open other panels on your home screen.
- 2 Touch and hold the empty spot until you see the **Add to Home screen** menu.
- 3 Touch **Motorola widgets** or **Android widgets**.
- 4 Touch the type of widget. If necessary, enter the widget settings.

Set up widgets

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

You may already have several useful widgets on your home screen:

- **Music:** Set this widget to an artist, album, song, playlist, or just touch Menu  > **Party shuffle**. There's more about "Music" on page 22.
- **News:** Change the widget name, choose how long it shows new stories, or choose a news source. To choose a source, touch , then choose preset

Bundles or **Channels**, or choose **Custom** to enter a URL for a **Webpage** or an **RSS feed**.

- **Weather:** Change temperature units or add locations. To add locations, touch **+**, enter a city, and touch **Search**. When you open the weather widget, flick left to see other locations you added.

Ringtones

Personalize your ringtones:

Find it: Menu  > **Settings** > **Sound** > **Phone ringtone** or **Notification ringtone**

Set your vibrate options:




Find it: Menu  > **Settings** > **Sound** > **Vibrate**

Wallpaper




Apply a new wallpaper:

- 1 Touch and hold an empty spot on your home screen.
- 2 Touch **Wallpapers**.
- 3 Touch **Gallery**, **Live Wallpapers**, or **Wallpapers** and choose a wallpaper.

Sounds

- To set volume for media and videos, touch Menu  > **Settings** > **Sound** > **Volume**.
- To play tones when using the dialpad, touch Menu  > **Settings** > **Sound** > **Audible touch tones**.
- To play a sound on a screen selection, touch Menu  > **Settings** > **Sound** > **Audible selection**.

Display settings

- To set display brightness, touch Menu  > **Settings** > **Display** > **Brightness**.
- To set orientation, touch Menu  > **Settings** > **Display** > **Auto-rotate screen**.
- To set animation, touch Menu  > **Settings** > **Display** > **Animation**.

Note: Some apps are designed so that your phone can “animate” them by rotating, fading, moving, and stretching one or more images.

Quick launch shortcuts

You can add shortcuts directly to the home screen. Touch and hold an empty spot on the home screen, touch **Shortcuts**, and select a shortcut.


Date & time

Set date, time, time zone, and formats:

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

Language & region

Set your menu language and region:

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

Navigation™

throw away your maps

Your phone comes with Google Maps Navigation™, a navigation system with voice guidance that shows you the way.

Find it:  >  **Navigation**

Turn-by-turn directions. You'll never wonder where to turn.

3-d lane guidance. Preview your route and destination. You can look around to see landmarks and turns.

Connected navigation. Get live traffic reports and alerts. Select alternate routes.

Note: Availability may vary by market.

Navigation linked to contacts. Store an address or location information and you're two touches away from seeing it on a map.


For step-by-step instructions, go to <http://www.google.com/mobile/navigation/>.

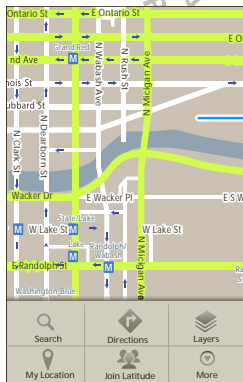
Google Maps™

where you are, where you're going

Quick start: Maps

Where am I? What's around here? Don't worry—let Google Maps help you explore your surroundings and find what you're looking for.

Find it:  >  **Maps**



Map View
Drag or flick to scroll.

Touch Menu  for map options.

Note: The map image you see may be a little different.



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, touch Menu  > **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 main Map screen, touch Menu  > **My Location**. Your location is shown 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 search box to view all the results, then touch the one you want.


Get directions

Find your way with turn-by-turn navigation. You can even have directions spoken so you can keep your eye on the road.

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

Select map mode

Touch Menu  > **Layers** to select from **Traffic**, **Satellite**, **Latitude** or recent searches, viewed positions or directions.

Touch Menu  > **Layers** > **More layers** to select from **My Maps**, **Wikipedia**, or **Transit Lines**.

Touch **Clear Map** to clear your selections.

Map view

Shows a map, complete with names of streets, rivers, lakes, mountains, and borders. This is the default view.

Satellite view

Shows map on top of aerial photo.

Traffic view


If available in your area, real-time traffic conditions are shown on the roads as color-coded lines.

Google Latitude™

where are your friends & family?

Join Google Latitude


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

Don't worry, your location isn't shared unless you agree to it. You need to join Google Latitude, and then invite your friends to view your location or accept their invitations. When using Google Maps (in any mode except in street view), 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**, then touch a contact. Or, touch **Add via email address**, then enter an email address.
- 3 Touch **Add friends**.

If your friends already use Google Latitude, they'll receive an email request and a notification. If they have not yet joined Google Latitude, they'll receive an email request that invites them to sign in to Google Latitude with their Google account.

To remove friends:



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

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

To hide your location from a friend, touch Menu  > **Latitude** to show your friend's list. Touch your contact name, then touch Menu  > **Edit privacy settings** > **Hide your location**.

Turn off Latitude

Touch Menu  > **Latitude** to show a friend's list.
Touch Menu  > **Edit privacy settings** > **Turn off Latitude**.




DRAFT - MOTOROLA CONFIDENTIAL
& PROPRIETARY INFORMATION

Apps for all

get the app you want

Android Market™

Find it:  >  **Market**

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 37.

Find it:  >  **Market**

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** > **Downloads**

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 **Downloads** 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 just for fun. But remember, choose your apps carefully. Here's a few tips to help:

- To help prevent spyware, phishing, or viruses affecting your phone or privacy, use apps from trusted sites, like  **Market**.
- In **Market**, check the apps' ratings and comments before installing. This will help you choose the best ones for you.
- 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 settings 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.

DRAFT - MOTOROLA CONFIDENTIAL
& PROPRIETARY INFORMATION

Manage your life

keep up to date

What can you manage?

Email, contacts, and the 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 Google™ applications or Microsoft™ Outlook™.

You can:


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


For more information, see “Google™ data synchronization” on page 39 and “Synchronize with Microsoft™ Office Outlook™” on page 40.

Gmail™



Create a new email

Find it:  >  **Gmail**, then touch a Gmail account

- 1 Touch Menu  > **Compose**
- 2 Enter the recipient email address and message.
- 3 Touch **Send**.


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

Tips

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

Email

Set up email

To add email accounts, in the home screen touch Menu  > **Settings** > **Accounts & sync** > **Add account**.

- **Corporate** is for Exchange server work email accounts. Enter details from your IT administrator.

Tip: You might need to enter your domain name with your user name (like *domain/username*)

- **Google** is for setting up additional Google™ Gmail™ accounts (such as your work account) on your phone. Follow the setup wizard to create or log in to your Google account.


Create a new email

Find it:  >  **Email**, then touch an email account

1 Touch Menu  > **Compose**

2 Enter the recipient email address and message.

3 Touch **Send**.

Tip: Touch Menu  for options, like **Add attachment** or **Add cc/bcc**.

Calendar


Find it:  >  **Calendar**

Your calendar events can be viewed in different ways:

Touch Menu  > **Agenda**

Day, or **Week**. When you highlight an event, more details appear.

Add calendar events

From any view, touch Menu  > **More** > **New event**. Enter the event start time and other details. You can set a reminder so you don't forget about the event.

Tip: Reminders will play only if you've selected a notification ringtone (see "Ringtones" on page 31).



September 2012						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

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

Manage calendar events

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

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

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

Google™ data synchronization

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

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

Select apps to synchronize


1 Tap **Background data**.

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

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

Synchronize with Microsoft™ Office Outlook™

If you use Microsoft™ Office Outlook™ on your work computer, your phone can synchronize emails, and events with your Microsoft™ Exchange server.

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

1 Enter your username (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 Tap **Next**.


3 Set up your sync options; select email, contacts, or calendar.

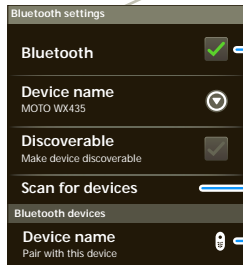
4 Tap **Save & Sync**.

Bluetooth® wireless

lose the wires and go wireless

Quick start: Bluetooth wireless

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




Touch to turn on/off & to scan.

Touch to re-scan.

Touch to connect.

Turn Bluetooth power on or off

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

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


Connect new devices

Note: This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, 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 Menu  > **Settings** > **Wireless & networks** > **Bluetooth settings**.
- 3 Touch **Bluetooth** to turn on and scan. If Bluetooth power 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.

Note: The Bluetooth Enhanced Audio setting is not recommended for older Bluetooth headsets as it may not deliver acceptable sound quality.

Reconnect devices

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

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

Disconnect devices

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

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


Edit properties

Touch Menu  > **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

Wi-Fi®

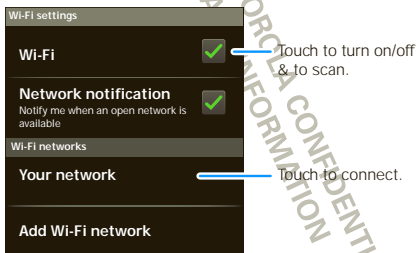
home or office

Quick start: Wi-Fi

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

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

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





Turn Wi-Fi on or off

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


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

Wi-Fi search & connect

To find networks in your range:

- 1 Touch Menu  > **Settings** > **Wireless & networks** > **Wi-Fi settings**.
- 2 Touch **Wi-Fi** to turn on and scan. If Wi-Fi power is already on, touch Menu  > **Scan**. Your phone lists the networks it finds within range.

Tip: To see your phone's MAC address or other Wi-Fi details, touch Menu  > **Advanced**.

- 3 Touch a network to connect.
- 4 If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**. When your phone is connected to the network, the wireless indicator  appears in the status bar.

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



Memory card & file transfer

copy photos, music, and more to your phone

Memory card

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

To **insert** a memory card, see “Assemble & charge” on page 3.

To **see** the files on your phone and memory card, touch  >  **Files**. 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.

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**.


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

USB connection

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

Note: The first time you use a USB connection, your computer may indicate that drivers are being installed.

Follow any prompts you see to complete the installation. This may take a few minutes.

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

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

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

3 Touch **USB connected** > **Turn on USB storage**.

4 Drag and drop files between your computer and memory card folders.

Note: You can't use the files on your memory card while it is connected.

5 When you're done, use “Safely Remove Hardware” on your computer to unmount the phone's memory card from the computer.

6 On your phone, touch **Turn off USB storage**, then disconnect the USB cable.

Tools

stay on top of things

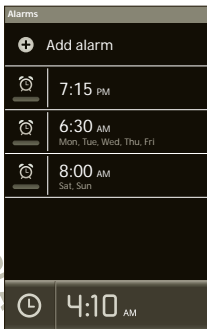
Alarm clock

Find it:  >  **Clock** > 

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



To turn on an existing alarm, touch it, then touch **Turn alarm on**. When an alarm sounds, touch **Dismiss** to turn it off or **Snooze** to snooze.

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



Calculator

Find it:  >  **Calculator**

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






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

Voice recognition

Use your voice—just touch and speak.


- **Dialing and commands:** Double-touch Home  or touch  >  **Voice Commands**. To dial, say “**Call**” and then a contact name or phone number. For other commands, say a command from the list shown, like “**Send Text**” or “**Go To**”.
- **Search:** Touch and hold Search , then say what you want to search for, like “Motorola accessories”.
- **Text entry:** Touch a text entry area to open the touchscreen keypad. Touch , then say what you want to type.

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 45.

Voice readouts (TalkBack)

Your navigation and selections, read out loud.

To turn on voice readouts (similar to TalkBack), touch Menu  > **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 or action it.

Note: Touching a home screen widget or shortcut will 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 45.

Caller ID






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

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

To change your voice settings, see “Voice settings”.


Voice settings

Personalize your voice settings:

- **Voice recognition:** Touch Menu  > **Settings** > **Voice input & output** > **Voice recognizer settings**. From here, you can set options like language and censorship.
- **Voice commands:** Touch  >  **Voice Commands**, then touch Menu  > **Settings**. From here, you can refine recognition of your voice (**Adaptation**) and set options like prompts and shortcuts.
- **Text-to-speech:** Touch Menu  > **Settings** > **Voice input & output** > **Text-to-speech settings**. From here, you can set options like speed and language

Volume & vibrate


Choose volume and vibrate settings that work for you.

Touch Menu  > **Settings** > **Sound**:

- **Volume:** Touch **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 Menu  > **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 Menu  > **Settings** > **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 Menu 



> **Settings** > **Sound**:

- **Touchscreen:** To hear screen touches (click), select **Audible selection**.
- **Keys:** To feel key touches (vibrate), select **Haptic feedback**.
- **Screen lock:** To hear when you lock/unlock the screen (click), select **Screen lock sounds**.

Messages

From a simple text message to IM, email, and more. Create, send, and receive them all, in one place.

Find it:  >  **Messaging**


And to make text entry even easier, you can use features like auto-complete, auto-correct, and auto-punctuate—touch Menu  > **Settings** > **Language & keyboard**. Of course, if you don't want to type at all, then use your voice—touch  on the touchscreen keypad.

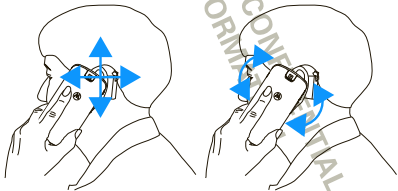
Hearing aids

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” in your legal and safety information. You may also want to consult your hearing health professional, who should be able to help you get the best results.

- **Settings:** Touch Menu  > **Settings** > **Call settings** > **HAC mode settings**. 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 Menu  > **Settings** > **Call settings** > **TTY mode** and select the mode you need:

- **TTY full:** 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 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.

Management


stay in control

Wireless manager

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

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

Airplane mode

Use airplane mode to turn all your wireless connections off—useful when flying. Press and hold Power  then touch **Airplane mode**.


Note: When you select airplane mode, all wireless services are disabled. You can then turn Wi-Fi and/or Bluetooth back on, if permitted by your airline. Other wireless voice and data services (such as calls and text messages) remain off in airplane mode. Emergency calls to your region's emergency number (e.g., 911) can still be made.

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 Menu  > **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/support and check the "Software" links. If an update is available, simply follow the installation instructions.

Network

You shouldn't need to change any network settings. Contact your service provider for help.

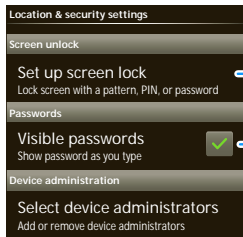
Touch Menu  > **Settings** > **Wireless & networks** > **Mobile networks** to show options for roaming networks, network selection, operator selection, and access point names.

Security

help keep your phone safe

Quick start: Security

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



Select & set up a screen lock method.

Touch to see the passwords you enter.

You can set a pattern, PIN, or password to prevent unauthorized access to your device.

Screen lock

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

Lock the screen in the following ways:

- Press Power .

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

To unlock the screen, press Power , then drag  to the right.


Lock pattern

To set the lock pattern, touch Menu  > **Settings** > **Location & security** > **Set up screen lock** > **Pattern**.

Follow the instructions to draw your lock pattern.

When prompted, draw the pattern to unlock the phone.

Passcode lock

To set the passcode, touch Menu  > **Settings** > **Location & security** > **Set up screen lock** > **Password**.

Enter password, then confirm it.

When prompted, enter the password to unlock the phone.

Forgot your pattern or passcode

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

Reset

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

Warning: All data on your phone will be deleted. (Nothing on your memory card is deleted.)

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.

Service & Repairs

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

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

DRAFT - MOTOROLA CONFIDENTIAL
& PROPRIETARY INFORMATION

DRAFT - MOTOROLA CONFIDENTIAL
& PROPRIETARY INFORMATION

Battery Use & Safety

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

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

DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the mobile device or battery come in contact with water.*** Water can get into the mobile device's circuits, leading to corrosion. If the mobile device and/or battery get wet, have them checked by your service provider or contact Motorola, even if they appear to be working properly.*
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your mobile device or battery near a heat source.*** 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 battery or mobile device.*** Dropping these items, especially on a hard surface, can potentially cause damage.*
- **Do contact your service provider or Motorola if your mobile device or battery has been damaged from dropping or high temperatures.**

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

Important: Use Motorola Original products for quality assurance and safeguards. To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

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

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

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

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

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

- www.motorola.com/recycling
- www.rbrc.org/call2recycle/ (in English only)

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

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



Battery Charging

Notes for charging your product's battery:

- 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.

Driving Precautions

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

While driving, NEVER:

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

While driving, ALWAYS:

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

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

Seizures/Blackouts

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

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing videos or games or enabling a flashing-lights feature (if available) on your mobile device. Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are tired.

Caution About High Volume Usage

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

To protect your hearing:

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

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

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

Repetitive Motion

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

[Nov0109]



Small Children

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

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

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

Glass Parts

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

Operational Warnings

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

Potentially Explosive Atmospheres






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

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

Symbol Key

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

Symbol	Definition
	Important safety information follows.

Symbol	Definition
	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.
	For indoor use only.
	Listening at full volume to music or voice through a headset may damage your hearing.

Radio Frequency (RF) Energy

Exposure to RF Energy

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

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

RF Energy Operational Precautions

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

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.
- Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: www.motorola.com.

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

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

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

Implantable Medical Devices

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

Persons with implantable medical devices should observe the following precautions:

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

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

Specific Absorption Rate (IEEE)

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

Your mobile device is a radio transmitter and receiver. It is designed and manufactured to not exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed for the safety of all persons, regardless of age or health, and to account for any variations in measurements. The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The IEEE SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 watts per kilogram (W/kg), averaged over one gram of tissue. Tests for SAR are conducted using procedures accepted by the FCC and by Industry Canada with the mobile device transmitting at its highest certified power level in all tested frequencies. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a mobile device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 1.09 W/kg, and when worn on the

body, as described in this guide, is **1.19 W/kg**. The SAR value for this mobile device in its data transmission mode (body-worn use) is **not listed**. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product. While there may be differences between the SAR levels of various mobile devices and at various positions, they meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

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

<http://www.phonefacts.net>

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

<http://www.cwta.ca>

Information from the World Health Organization

"A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established for mobile phone use."

Source: WHO Fact Sheet 193

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

FCC Notice to Users

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

Motorola has not approved any changes or modifications to this device by the user.

Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2)

this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

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

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

Industry Canada Notice to Users

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

GPS & AGPS

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

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges,

and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

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

Emergency Calls

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

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

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

Performance Tips

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

Navigation

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

Smart Practices While Driving

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example, handsfree use only may be required. Go to www.motorola.com/callsmart (in English only) for more information.

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

- **Get to know your Motorola mobile device and its features such as speed dial, redial and voice dial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.

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

Privacy & Data Security

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

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure Personal Information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.

Note: For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support

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

Use & Care

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



liquids

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



extreme heat or cold

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).



microwaves

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



dust and dirt

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



cleaning solutions

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



shock and vibration

Don't drop your mobile device.



protection

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

Recycling

Mobile Devices & Accessories

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



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

There is no special handling required by consumers.

Hearing Aid Compatibility with Mobile Phones

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

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

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipment battery model.

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

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

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

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

Software Copyright Notice

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

Content Copyright

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

Open Source Software Information

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

MOTOROLA MOBILITY, INC.

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

The Motorola website opensource.motorola.com also contains information regarding Motorola's use of open source.

Motorola has created the 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

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

Registration is not required for warranty coverage.

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

Thank you for choosing a Motorola product.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola Mobility, Inc. warrants its mobile telephones ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories"), and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories, and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

Exclusions (Products and Accessories)

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

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

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

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

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

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

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

Software

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

Exclusions (Software)

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

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

Who is Covered?

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

What Will Motorola Do?

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

How to Obtain Warranty Service or Other Information

USA	1-800-734-5870
Canada	1-800-461-4575
TTY	1-888-390-6456

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

applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations are There?

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

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



DRAFT - MOTOROLA CONFIDENTIAL
& PROPRIETARY INFORMATION

Copyright & Trademarks

Motorola Mobility, Inc.
Consumer Advocacy Office
600 N US Hwy 45
Libertyville, IL 60048
www.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:
1-800-734-5870 (United States)
1-888-390-6456 (TTY/TDD United States for hearing impaired)
1-800-461-4575 (Canada)

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. MOTOROLA and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC. All other product or service names are the property of their respective owners.
© 2011 Motorola Mobility, Inc. All rights reserved.

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

MOTO WX435

Manual Number: 68XXXXXXXX-X



DRAFT - MOTOROLA CONFIDENTIAL
& PROPRIETARY INFORMATION



| DRAFT - MOTOROLA CONFIDENTIAL
& PROPRIETARY INFORMATION



| DRAFT - MOTOROLA CONFIDENTIAL
& PROPRIETARY INFORMATION

