



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 41).

EMAIL




SET UP EMAIL

To add email accounts, touch Apps  >  **Accounts**
> **Add account**.

- **Corporate Sync** 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*).

- **Email** is for most personal email accounts. For account details, contact the account provider.

Note: To add other email accounts to your **Messaging** widget, touch Apps  >  **Messaging**, then touch Menu  > **Manage accounts** > **Add account** > **Email**.

To change your settings, touch Apps 
>  **Messaging** > Menu , then touch:


- **Manage accounts** to add or remove an account.

- **Messaging Settings** to set the notification for each account type and more.

CREATE A NEW EMAIL

Find it: Apps  >  **Email** > 

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


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

EMAIL

CREATE A NEW EMAIL

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

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


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

Features

search for email

Touch Search .

choose email notifications

Touch Menu  > **More** > **Settings** > *Gmail account*
> **Email notifications**.

Features


apply a label to a thread

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

GOOGLE TALK™


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

Find it: Apps  >  **Talk**

Touch Menu  to send invitations, add new friends, and more.

Tip: You can also download an instant messaging app from the Google Play™ Store.

VOICEMAIL

When you have a new voicemail,  appears at the top of your screen. Drag down the notification bar and touch the notification.

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

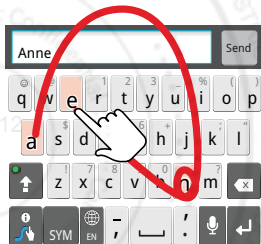
TEXT ENTRY

keys when you need them

TOUCHSCREEN KEYPADS

SWYPE KEYPAD

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



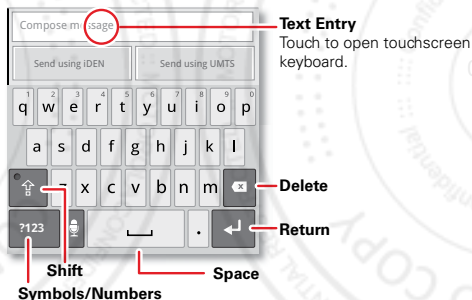
To enter a word, just trace a path through the letters.
To capitalize, go above the keypad.
For double letters, circle the letter.

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

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

MULTI-TOUCH KEYPAD

You can open a keypad on your screen by touching a text field, or touching and holding Menu (≡). To close the keypad, touch Back (⏮).



MULTI-TOUCH TYPING TIPS

To...	
Enter alternate characters	From the number keypad, touch Alternate (ALT). Touch again to return to numbers.
Enter one capital letter	Touch Shift (⇧).
Enter only capital letters, until you touch Shift Lock (⇧) again	Touch Shift Lock (⇧). Touch again to revert to lowercase.
Select text	Touch and hold text to select it.
Cut or Copy selected text	Touch and hold text, then touch Cut or Copy .
Paste cut or copied text	Touch and hold location to paste then touch Paste .
Move the cursor	Touch the location you want to go to.
Delete a character (hold to delete more)	Touch Delete (⌫).

TEXT INPUT SETTINGS









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

- To edit your dictionary, touch **User dictionary**.
- To change the language and the style for your touchscreen keypad, touch **Select locale**.
- To change input method and settings, touch **Swype** or **Multi-touch keyboard**.

TIPS & TRICKS

a few handy hints

GENERAL TIPS


To...	
Return to home screen	Touch Home  .
See recently dialed numbers	Touch  Dialer > Call log .
Sleep/wake your phone	Press Power/Lock  .
Set screen timeout	Touch Apps  >  Settings > Display > Screen timeout .
Search	Touch Search  .
Use voice search	Touch and hold Search  .
See recently opened apps	Touch and hold Home  .

To...


Choose apps for
Quick Launch Area

Touch and hold an app icon in the Quick Launch Area. Then, select an app from the **Add to Dock** menu.

Turn **sound** on/off









Press and hold Power/Lock 
> **Silent mode**.

Turn **airplane mode** on/off

Press and hold Power/Lock 
> **Airplane mode**.

BATTERY TIPS

Want to extend your battery life? Try these:

- To select a battery profile that suits your phone use, touch Apps  >  **Settings** > **Battery & data manager** > **Battery mode**.
- To turn off automatic applications sync, touch Apps  >  **Settings** > **Battery & data manager** > **Data Saver**.
- To turn off Bluetooth power, touch Apps  >  **Settings** > **Wireless & networks** > **Bluetooth**.
- To turn off Wi-Fi, touch Apps  >  **Settings** > **Wireless & networks** > **Wi-Fi**.

PHOTOS & VIDEOS

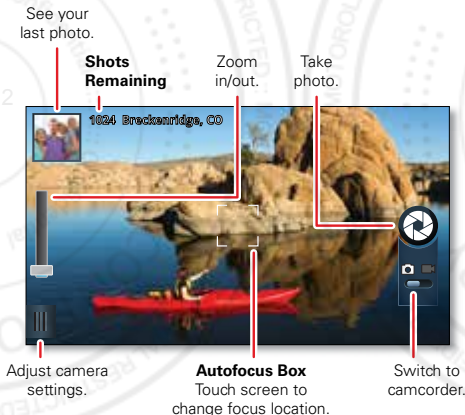
see it, capture it, share it!

PHOTOS

TAKE & SHARE PHOTOS

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

Find it: Apps  >  **Camera**



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


To take the photo, touch .

Note: Photos are stored on your phone's internal memory unless you switch it to a microSD memory card (sold separately). **Picture Resolution** is **Large** or **8MP**, unless you change it.

Open your gallery and touch and hold a photo to view options.

Options	
View	To view the photo.
Quick Upload	To upload the photo to an email.
Share	To send the photo in a message or post it online. For more info on sharing your photos, see " SHARE PHOTOS & VIDEOS " on page 27.
Edit	To edit the photo.
Delete	To delete the photo.
Set as	To set the photo as a wallpaper, contact photo, or social network photo.
Print	To print the photo.

CAMERA SETTINGS

You can make adjustments to optimize your shot. Touch Menu  to see these options.

Options	
Settings	Set Picture Resolution and Geo-tag setting.
Effects	Change photo look: Normal , Black and White , Negative , and more.
Scenes	Adjust in different environments: Auto , Portrait , Landscape , Sport , and more. Touch the screen when finished to return to the viewfinder.
Modes	Choose from Single shot , or Panorama to take multiple shots of wide scenes and join them together to make one large image. Tip: When using Panorama mode, use Capture Direction to specify how shots will be joined: Move up , Move right , Move left , Move down .

Options


Brightness

Set **Brightness**.

Flash

Set **Flash On**, **Flash Off**, or **Auto Flash**.

Switch to Camcorder

Click the switch below  to toggle between photo and camcorder.

TAG PHOTOS

Tag your photos with location information.

Find it: Touch Menu  > **Settings** > **Geo-tag**

VIDEOS

RECORD & SHARE VIDEOS

Find it: Apps  >  **Camcorder**

Watch your last video.

Time Remaining

Record video.



Adjust camcorder settings.

Zoom in/out.

Switch to camera.




Note: To get the clearest videos, wipe the lens clean with a soft, dry cloth before you record a video.

To record a video, touch . Touch  again to stop the recording.

Note: Videos are stored on your phone's internal memory unless you switch it to a microSD memory card


(sold separately). **Video Resolution** is **High Definition (720p)** unless you change it.


Open your gallery and touch and hold a video to view options.

Options	
Play	To play the video, touch ►.
Upload	To upload the video to an online album, touch  .
Share	To send the video in a message or post it online, touch  . For more info on sharing your video, see “ SHARE PHOTOS & VIDEOS ” on page 27.
Delete	To delete the video, touch Menu  > Delete .


HD VIDEOS

You can capture HD-quality videos to watch on an HDTV or monitor.

To record an HD quality video, be sure to select the correct **Video resolution**. From the active camcorder viewfinder, touch Menu  > **Settings** > **Video resolution**, and make sure it's set to **High Definition (720p)**.

To enhance the video quality, touch Menu  > **Scenes** or **Effects**.


VIDEO SETTINGS

You can make adjustments to optimize your video. Touch Menu  to see these options.

Options	
Settings	Set Video Resolution .
Effects	Change video look: Normal , Black and White , Negative , and more.
Scenes	Adjust for better audio capture in different environments: Auto and Night .
Modes	Choose from Normal video , Video Message , Fast motion , or Slow motion .
Brightness	Set Brightness .
Light	Turn a light on or off to adjust for the lighting where you are recording.

Options

Switch to Camera

Flick the switch below  to toggle between photo and camcorder.

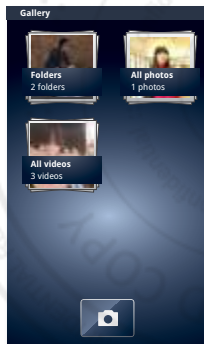
GALLERY

Find it: Apps  >  **Gallery**

Touch a folder to display all of its photos or videos. option for the photos or videos you want to access.

- **Camera roll:** All of the captured photos and videos on your phone.
- **My Tags:** Photos and videos grouped by tag.
- **Folders:** Photos and videos grouped by the folders where they're saved.
- **All photos:** All photos, no groupings.
- **All videos:** All videos, no groupings.



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



VIEW PHOTOS & VIDEOS

Tip: Turn the phone sideways for a widescreen view.

The **Gallery** first shows photos and videos as thumbnails. Scroll through the thumbnails by flicking them up or down. Touch a thumbnail to select it for viewing or playback.

Select a thumbnail to enlarge it. Videos are paused at the beginning. Touch the play  and pause  buttons on the screen to control video playback.

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


EDIT PHOTOS & VIDEOS

Find it: Apps  >  **Gallery** > **Camera roll**, touch and hold a picture, and select **Edit**.

You can choose advanced editing features to resize, crop, or change the color.

SHARE PHOTOS & VIDEOS



Find it: Apps  >  **Gallery**

- 1 Touch a photo or video, then touch .
- 2 Choose how you want to share—like **Bluetooth**, **Email**, **Text Messaging**, or an online album.

MANAGE PHOTOS & VIDEOS

Find it: Apps  >  Gallery

Touch a thumbnail image from your camera roll or library, then:

- To delete the photo or video, touch  > **Delete**.
- To set the photo as a contact picture, social network profile picture, or wallpaper, touch  > **Set as**.

Tip: To copy photos to/from a computer, go to “**VIEW & TRANSFER FILES WITH MOTOROLA PHONE PORTAL**” on page 44.

DLNA

Share your photos, videos, and songs with friends and family easily.

Find it: Apps  >  DLNA

Note: Connect to a Wi-Fi network or use your own Wi-Fi hotspot (see “**WI-FI**” on page 41). You’ll need to allow access to other devices to download media from your smartphone and to share your files. If you want to access media files on other devices, they must allow access.

- **Play media:** Select media for playback on another device in a Wi-Fi network.




- **Copy media to server:** Sync the media files on your smartphone with other devices.
- **Copy media to phone:** Copy a picture from one smartphone to another.
- **Share media:** Allow other devices to access media files on your smartphone. Without downloading any media from your smartphone, other people can view your pictures or videos, or play your songs, on their own devices.

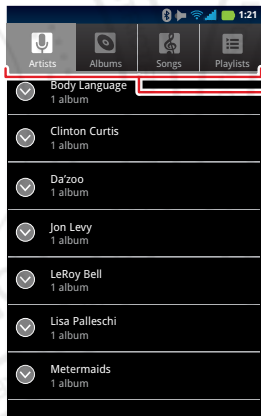
MUSIC

when music is what you need...

QUICK START: MUSIC


Find it: Apps  >  **Music**

Touch a category, then touch the song or playlist you want to play. Press Menu  > **Shuffle all** to randomly play all your songs, or touch **Search** to find a song.



Categories

Touch to list songs or playlists.

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


SET UP MUSIC

WHAT MUSIC TRANSFER TOOLS DO I NEED?

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

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

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

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

WHAT MUSIC FILE FORMATS CAN I PLAY?

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

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

WHAT HEADPHONES CAN I USE?

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

GET MUSIC

Transfer music from your computer to your phone using a USB cable connection. Music files can be transferred to your phone by syncing with Windows Media® Player, or you can drag and drop music files on to your phone. See “**CONNECT THROUGH A USB CABLE**” on page 45 to learn how.

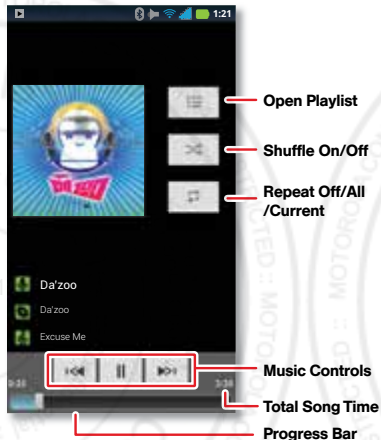
Note: Copyright—do you have the right? Always follow the rules. See “**CONTENT COPYRIGHT**” on page 62.

SYNC WITH WINDOWS MEDIA PLAYER

- 1 Using a USB cable, connect your phone to an available USB port on your computer.
- 2 Flick the status bar down and touch **USB Connection > Windows Media Sync**.
- 3 Open Windows Media Player and drag and drop your music into the sync list.
- 4 Click on Start Sync.


PLAY MUSIC


Touch a song or playlist to start playing music.




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

HIDE, WAKE, TURN OFF

Press 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

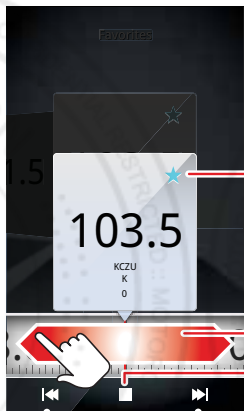
To add a song from the music library to a playlist, touch and hold the song then touch **Add to playlist**. Choose an existing playlist, or touch **New** to create a new playlist.

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

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

FM RADIO

Find it: Apps  >  **FM radio**



Touch star to add station to favorites.

Drag finger across dial to tune station.

Play/Stop Radio

Seek Previous/Next

Note: You need to connect a FM wired headset to your phone to use the FM radio. The wires in your headset act as the antenna. For best performance, use a Motorola Original headset. Indoor reception may vary.

FIND A STATION




To tune into a station, drag your finger across the dial.

STATION PRESETS

The first time you use the FM radio, your phone will prompt you to scan for radio stations. All stations found are added to your presets.

To add a station to your presets, touch the star in the upper right corner of the station listing.

SET FM RADIO REGION

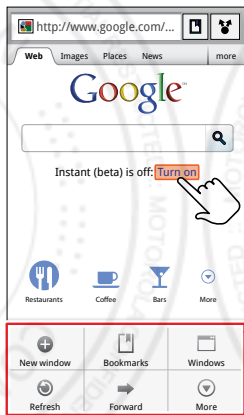
To set your phone's FM tuner to your region, touch Apps  >  **FM radio** > Menu  > **Settings** > **FM radio region**.

WEB


surf the web with your phone

QUICK START: BROWSER

Find it: Apps  >  **Browser**



Touch a link to select it.
Touch & hold for more options.



Touch Menu  for browser options.

Tip: To zoom, touch the display with two fingers, then move them apart.

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 Apps  >  **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.

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

PLAY WEB VIDEOS

The browser features the Adobe™ Flash™ Player, which adds animation, video, and interactivity to web pages. Touch  to begin video playback. Double-tap the video during playback to enlarge it for better viewing.

BROWSER OPTIONS

Touch Menu  to see browser options:

Options	
New Window	Open a new browser window.
Bookmarks	See your bookmarks.



Options

Windows	View the browser windows that are currently open.
Refresh	Reload the current page.
Back/Forward	Go to previously viewed pages.
More	View additional browser options.

YOUTUBE™

Share videos with YouTube users everywhere. You don't need a YouTube account to browse and view videos.

Find it: Apps  >  **YouTube**

Note: If you want a YouTube account, go to www.youtube.com. To create an account or sign in, touch Menu  > **My account**. To **Browse** or **Upload** videos, touch Menu .

PERSONALIZE

add your personal touch

WIDGETS


ADD WIDGETS

1 Touch and hold an empty spot on your home screen.



Tip: Flick left or right to open other panels.


2 Touch **Widgets** and choose a widget.

SET UP WIDGETS

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

Your home screen may already have these widgets:

- **Messages:** Change the widget name or choose how long it shows new messages. To add email accounts, "**SET UP EMAIL**" on page 19.
- **Music:** Set this widget to an artist, album, song, playlist, or just touch Menu  > **Shuffle all**. There's more about "**MUSIC**" on page 29.
- **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.

SHORTCUTS

To add shortcuts for apps, bookmarks, and more to the home screen, touch and hold an empty spot on the home screen, touch **Shortcuts**, and select a shortcut.



Tip: To change one of the docked shortcuts that always appears at the bottom of the home screen (no matter what panel you're viewing), touch and hold the shortcut, then drop it on top of one of the three hot seat spots.





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.

RINGTONES







- To personalize your ringtones, touch Apps  >  **Settings** > **Sound** > **Phone ringtone** or **Notification ringtone**.

- To set your vibrate options, touch Apps  >  **Settings** > **Sound** > **Vibrate**.
- To assign a ringtone to a contact, touch  **Dialer** > **Contacts**. Touch a contact to open it, and then touch Menu  > **Options** > **Ringtone**.

SOUNDS

- To play dial pad tones, touch Apps  >  **Settings** > **Sound** > **Audible touch tones**.
- To play sound on a screen selection, touch Apps  >  **Settings** > **Sound** > **Audible selection**.

DISPLAY

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

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


DATE & TIME

Set date, time, time zone, and formats:

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

LANGUAGE & REGION

Set your menu language and region:

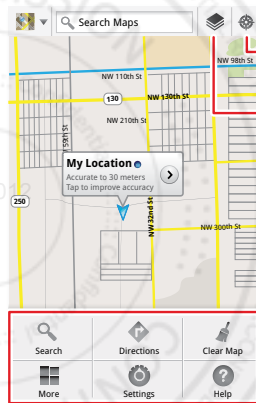
Find it: Apps  >  **Settings** > **Language & keyboard**
> **Select locale**

LOCATION

toss away your maps


GOOGLE MAPS™

Find it: Apps  >  **Maps**






Center the map on your current location.

Add layers of information to the map view.

Touch Menu  for map options.

Google Maps offers powerful, user-friendly mapping technology and local business information—including business locations, contact information, and driving directions.

For help, touch Menu  > **More** > **Help**.

Tip: Want to know what's in your immediate area? Try Google Places™. Touch Apps  >  **Places** to see **Restaurants, ATMs, Gas Stations**, and more nearby.

GOOGLE MAPS NAVIGATION™ BETA

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

Find it: Apps  >  **Navigation**



Follow the prompts to speak or type your destination.


For more, go to www.google.com/mobile/navigation.

GOOGLE LATITUDE™

JOIN LATITUDE

See 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 is not 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, touch Menu  > **Latitude**. Read the privacy policy and if you agree with it, touch **Agree & Share**.

ADD & REMOVE FRIENDS


Find it: Apps  >  **Latitude**

To add friends:

- 1 Touch .
- 2 Touch **Select from Contacts**, then touch a contact. Or, touch **Add via email address**, then enter an email address.
- 3 Touch **Yes**.

If your friends already use Google Latitude, they'll receive a notification. If they have not yet joined Google Latitude, they'll receive an email request that invites them to join.

To remove friends:



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

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 GOOGLE LATITUDE

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

APPS FOR ALL

get the app you want

BROWSE & INSTALL APPS

Find it: Apps  >  **Play Store**

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

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


MANAGE & RESTORE APPS

Find it: Apps  >  **Play Store** > **My apps**

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

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

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

For other app management features including clearing app data and cache, touch Menu  > **Settings** >

Applications > Manage applications, then touch an app in the list.

CHOOSE CAREFULLY

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



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

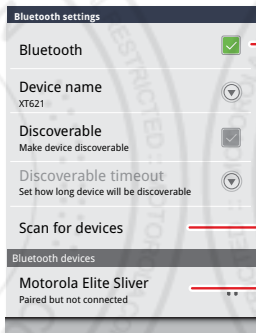
- Certain apps may not provide completely accurate information. Take care, especially when it comes to personal health.

BLUETOOTH™ WIRELESS

lose the wires

QUICK START: BLUETOOTH WIRELESS

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





Touch to turn on & scan.

Touch to re-scan.

Touch to connect.

TURN BLUETOOTH POWER ON OR OFF

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

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






CONNECT NEW DEVICES

Note: This feature requires an optional accessory.



To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, just turn on the device.

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

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

- 2 Touch Apps  >  **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.



Tip: To launch voice commands via your Bluetooth accessory when your phone is locked, touch Apps  >  **Settings** > **Location & security** > **Allow Bluetooth bypass**.

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.

CHANGE DEVICE NAME

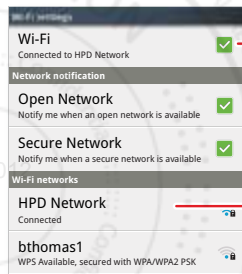
Touch Apps  >  **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

WI-FI

home, office, or hotspot

QUICK START: WI-FI


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



Touch to turn on & scan.

Touch to connect.

TURN WI-FI ON OR OFF

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

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








To add a quick switch, touch and hold a blank spot on your home screen, then touch **Widgets > WiFi Toggle**.

WI-FI MODES

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

WI-FI SEARCH & CONNECT

To find networks in your range:

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

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

WI-FI HOTSPOT

Note: You need to subscribe to Wi-Fi hotspot service to use this feature. Contact your service provider.

You can set up your phone as a Wi-Fi hotspot to provide portable, convenient internet access to other Wi-Fi enabled devices.

ACTIVATE HOTSPOT

Find it: Apps  >  **Mobile Hotspot > Mobile Hotspot**

When your Wi-Fi hotspot is active, other Wi-Fi enabled devices can connect by entering your hotspot's **SSID**, selecting a **Security** type, and entering the correct **Wireless password**.

SETUP

Note: Keep it secure. To protect your phone and hotspot from unauthorized access, it is strongly recommended that you set up hotspot **Security** (**WPA2** is the most secure), including password.

Find it: Apps  >  **Mobile Hotspot > Configure Mobile Hotspot**

Touch a setting to modify it:

- **Network SSID**—Enter a unique name for your hotspot and touch **Next**.

- **Security**—Select the type of security you want, and touch **Save**: **WEP**, **WPA/WPA2 PSK**. Enter a unique password. Other users can access your Wi-Fi hotspot only if they enter the correct password.

Note: **WEP** is highly vulnerable to hacking. **WPA/WPA2 PSK** is recommended by IEEE.

- **Broadcast Channel**—Select a channel that minimizes potential interference. You may need to try different channels after your hotspot is active for a time.


Touch **Save** when the settings are complete.

MEMORY CARD & FILE MANAGEMENT

copy photos, music, and more

SET PRIMARY STORAGE

You can choose to have your phone store files in its internal memory, or on a memory card.



Note: Your secondary storage will only be accessible through  **Files** or when your phone is connected to your computer as a USB mass storage device.

To select your phone's primary storage, touch Apps  >  **Settings** > **Storage** > **Select Primary Storage**.

MEMORY CARD

Note: Your music, photos, and other files are automatically stored on your phone's internal memory. You can purchase a memory card separately.

DELETE OR SHARE FILES ON YOUR PHONE



Find it: Apps  >  **Files** > **Internal phone storage** or **SD card**

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

Note: Copyright—do you have the right? Always follow the rules. See “**CONTENT COPYRIGHT**” on page 62.

REMOVE OR FORMAT YOUR MEMORY CARD

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

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

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

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

VIEW & TRANSFER FILES WITH MOTOROLA PHONE PORTAL

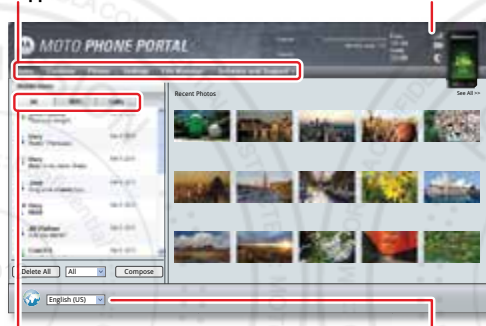
You can use Motorola Phone Portal to connect your phone and computer with a cable or a Wi-Fi network.

Note: Copyright—do you have the right? Always follow the rules. See “**CONTENT COPYRIGHT**” on page 62.

When you connect your phone or type the Phone Portal URL into your computer's browser, you'll see the Phone Portal home screen.

Open your recent activity (**Home**), **Contacts**, **Photos**, **Settings**, **File Manager**, or **Support**.

Open details about your phone's network signal, battery, or memory.



Show **All** recent activity, or only your **SMS** (text messages) or **Calls**.

Choose your language.

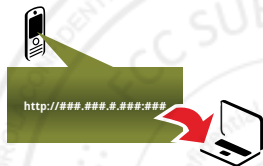
Note: Phone Portal works best with Internet Explorer 7 or newer, with Java script and cookies enabled.



CONNECT THROUGH A WI-FI NETWORK

Note: Most public Wi-Fi networks (like the ones at coffee shops) don't let devices connect to each other. In that case, you need a USB cable connection.


1 Touch Apps  >  **Phone Portal**

2 If your phone is connected to a Wi-Fi network, it shows a URL. Use a computer on the network to enter the URL in a browser. It opens the Phone Portal home screen.



Tip: When your phone's Wi-Fi is on, it automatically reconnects to nearby networks it has used. To turn Wi-Fi on or off, touch Apps  >  **Settings** > **Wireless & networks** > **Wi-Fi**.

If your phone is not connected to a Wi-Fi network, it asks you to connect. Touch **OK** to open the Wi-Fi settings screen, then turn on **Wi-Fi** and touch a network to connect.

For network passwords, ask other network users or administrators. For your phone's MAC address and Wi-Fi details, touch Menu  > **Advanced**.

When your phone is connected ( appears in the status bar), touch Back  to close the settings.


Soon, Phone Portal shows a URL at the bottom of your screen. Using a computer on the same Wi-Fi network, just type the URL into the browser to open the Phone Portal home screen.


CONNECT THROUGH A USB CABLE


1 Turn on your phone and computer, and connect them with a USB-to-micro USB cable.



If your computer needs to download drivers for your phone, visit www.motorola.com/support. If a camera connection window opens, just close it.

2 Once your computer has the correct Motorola drivers, it opens the Phone Portal home page in your browser. A Motorola icon  appears in your task bar, in the lower right of your computer screen.

If you have Motorola Media Link, it will launch instead of Phone Portal. To use Phone Portal, right-click  in your task bar, select "when the phone connects, launch," and choose MPP. Disconnect and reconnect your phone to launch Phone Portal.


If you want to connect your phone as a **memory card** rather than using Phone Portal, flick down the status bar at the top of your screen, touch  **USB connection**, and choose **USB Mass Storage**.

TOOLS

stay on top of things

ALARM CLOCK

Find it: Apps  >  **Clock**


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


To enable or disable an alarm, touch the button next to the alarm.

When an alarm sounds, Touch **Dismiss** to turn it off or touch **Snooze** to silence it for five minutes.

CALCULATOR


Find it: Apps  >  **Calculator**

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

To clear history, touch Menu  > **Clear history**.

CALENDAR


Find it: Apps  >  **Calendar**

Touch  to view your calendar events can by **Agenda**, **Day**, **Week**, or **Month**. When you highlight an event, more details appear.

Tip: Add a calendar widget to your home screen by touching and holding an empty space. Then touch **Widgets** > **Calendar**.




ADD CALENDAR EVENTS

From any view, touch . Enter the event start time and other details. You can even set a reminder so you don't forget about the event. When you finish entering event details, touch **Save**.

MANAGE CALENDAR EVENTS


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

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

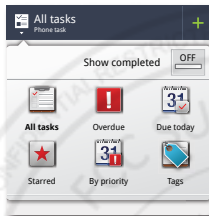
To go to today, touch  > **Show today**.

TASKS


Find it: Apps  >  **Tasks**

To add a task, touch .

Touch an icon to view your tasks by due date, priority, and more.





TIPS:

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

To manage your folders and transfer files, see “**MEMORY CARD & FILE MANAGEMENT**” on page 43.

QUICKOFFICE

Use Quickoffice to create, view text documents and spreadsheets.

Find it: Apps  >  **Quickoffice**

CREATE A NEW FILE

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

OPEN A DOCUMENT


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



BROWSE FILES

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

MOTOPRINT REMOTE PRINTING



Print email, documents, pictures, and contacts directly to shared printers on a Wi-Fi network—no printer drivers necessary. MOTOPRINT automatically discovers networked printers for you.

Open the document or file you want to print in **Email**, **Quickoffice**, or **Gallery**, then touch Menu  > **Print** > **Print with MotoPrint**. To find a new printer, touch **Find printers** (home) or select an advanced search option (work).

To show, rename, or remove your printers, touch Apps  >  **MOTOPRINT** > Menu  > **Manage Printers**. Touch and hold a printer for options.

VOICE COMMANDS

Use your voice—just touch and speak.

- **Search:** Touch and hold Search , then say what you want to search for, like “Motorola accessories”.
- **Text entry:** Touch a text entry field 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 49.


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 READOUTS

Use **TalkBack** to read your screen out loud—your navigation, your selections, even your books.

To turn on **Voice Readouts**, touch Apps  >  **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, then touch **Voice Readouts**.

Note: You might need to download text-to-speech software (data charges may apply).

To use **Voice Readouts**:





- **Menus and screens:** Touch an item in a menu or screen—your phone speaks the name.
- **Dialer & text entry:** Start typing—your phone speaks each number or letter.
- **Notification:** Flick the status bar down—your phone speaks all of the notifications.

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 49.

CALLER ID








When you want to hear who's calling:

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

To change your voice settings, see “**VOICE SETTINGS**” on page 49.

VOICE SETTINGS

Personalize your voice settings:

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



VOLUME & VIBRATE

Find it: Apps  >  **Settings** > **Sound** > Volume or Vibrate

- **Volume** opens sliders that let you set different volumes for your music or videos, ringtone, text or email notifications, and alarms.
- **Vibrate** determines whether your phone vibrates for incoming calls (even if the ringer is silent).

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 Apps  >  **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

Your phone automatically adjusts the screen brightness when you're in bright or dark places. But you can set your own brightness level instead:

Find it: Apps  >  **Settings** > **Display** > **Brightness**

Uncheck **Automatic brightness** to set your own level.




TOUCHSCREEN & KEYS

To hear or feel when you touch the screen, touch Apps  >  **Settings** > **Sound**:

- **Touchscreen:** To hear screen touches (click), select **Audible selection**.
- **Keys:** To feel screen keyboard touches (vibrate), select **Haptic feedback**.

- **Screen lock:** To hear when you lock or unlock the screen (click), select **Screen lock sounds**.

MESSAGES

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

APPS

Want more? No problem. The Google Play™ Store app provides access to thousands of apps, and many provide useful accessibility features.

Find it: Apps  >  **Play Store**

MANAGEMENT


stay in control

WIRELESS MANAGER

Find it: Apps  >  **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/Lock  > **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 can still be made.

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





PHONE UPDATES

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 Apps  >  **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:

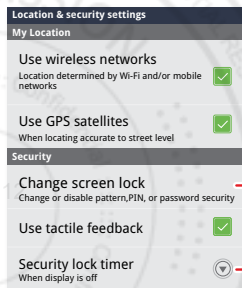
On your computer, go to www.motorola.com/support and check the "Software" links. If an update is available, simply follow the installation instructions.

SECURITY



help keep your phone safe

QUICK START: SECURITY

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



SCREEN LOCK



To prevent accidental touches, you can make the screen lock when it goes to sleep. Touch Apps  >  **Settings** > **Location & security** > **Set up screen lock**, then select the lock type:

- **Pattern lock**—draw a pattern to unlock.
- **PIN**—enter a numeric PIN to unlock.

- **Password lock**—enter a password to unlock.

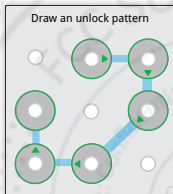
Note: You can make emergency calls on a locked phone (see “**EMERGENCY CALLS**” on page 11). A locked phone still rings, **but you need to unlock it to answer.**

LOCK PATTERN

To set the lock pattern, touch Apps  >  **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.



PIN LOCK

To set a PIN, touch Apps  >  **Settings** > **Location & security** > **Set up screen lock** > **PIN.**

Enter a numeric PIN, then confirm it.

When prompted, enter the PIN to unlock the phone.



PASSWORD LOCK

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

Enter a password (up to eight characters), then confirm it.


When prompted, enter the password to unlock the phone.


PERSONALIZE YOUR LOCK SCREEN

To change your timeout, touch Apps  >  **Settings** > **Location & security** > **Security lock timer.** If you don't touch the screen or press any keys for the amount of time you select, the screen locks automatically.

LOCK & UNLOCK

To lock the screen/phone:



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

To unlock the screen/phone, press Power/Lock .

FORGOT YOUR PATTERN OR PASSCODE?



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

LOCK YOUR SIM

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

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

CHANGE SIM PIN

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

FORGOT YOUR SIM PIN?


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

DATA ENCRYPTION

Protect your personal information by encrypting the data on your phone's internal memory and memory card.

Once your information has been encrypted, data stored on your phone's internal memory and memory card can only be accessed on your phone using your screen lock password, PIN, or unlock pattern.

Note: In order to use the data encryption feature, you first need to set up your phone's screen lock.

To encrypt your data, touch Apps  >  **Settings** > **Location & security** > **Data encryption** > **Device data encryption** and/or **Storage encryption**.

Note: If you encrypt the data on your memory card, you will not be able to record video in high definition.

RESET

To reset your phone to factory settings and erase all the data on your phone, touch Apps  >  **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), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-453-0920 (United States), 1-877-483-2840 (TTY, TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Battery Use & Safety

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

Important: Handle and store batteries properly to avoid injury or damage. Most battery safety issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't use tools, sharp objects, or excessive force to insert or remove the battery as this can damage the battery.**
- **Don't let the mobile device or battery come in contact with liquids.*** Liquids can get into the mobile device's circuits, leading to corrosion.
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your mobile device or battery near a heat source.*** High temperatures can cause the battery to swell, leak, or malfunction.
- **Don't dry a wet or damp battery with an appliance or heat source,** such as a hair dryer or microwave oven.

DOs

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

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

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

If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

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

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

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it benefits the environment. You can recycle your used batteries in many retail or service provider locations. Additional information on proper disposal and recycling can be found at www.motorola.com/recycling

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



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

Battery Charging

Notes for charging your product's battery:

- During charging, keep your battery and charger near room temperature for efficient battery charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Third Party Accessories

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

your mobile device's warranty. For a list of Motorola accessories, visit www.motorola.com/products

Driving Precautions

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

While driving, NEVER:

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

While driving, ALWAYS:

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

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

Seizures, Blackouts & Eyestrain

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

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

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

Caution About High Volume Usage

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

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

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

For more information about hearing, see our website at <http://direct.motorola.com/hellomoto/nss/AcousticSafety.asp> (in English only).

Repetitive Motion

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

Children

Keep your mobile device and its accessories away from small children. These products are not toys and may be hazardous to small children. For example:

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

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

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

Glass Parts

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

Operational Warnings

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








Potentially Explosive Areas

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

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries, unless it is a radio product type especially qualified for use in such areas and certified as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

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

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
 	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.
	Do not use tools.
	For indoor use only.

Radio Frequency (RF) Energy

Exposure to RF Energy

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

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

RF Energy Operational Precautions

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

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, ensure that the device is positioned at least 2.5 cm (1 inch) away from the body, and if you use an accessory case or holder, ensure it is free of any metal.

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so, such as hospitals or health care facilities.

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

Medical Devices

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

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.

- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Specific Absorption Rate (FCC & IC)

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

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) adopted by the Federal Communications Commission (FCC) and Industry Canada (IC). These limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 1.6 W/kg.

Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the FCC and IC guidelines for your device model are listed below:

Head SAR	GSM 850/1900, Wi-Fi, Bluetooth WCDMA 1700/1900, Wi-Fi, Bluetooth	0.49 W/kg 1.23 W/kg
Body-worn SAR	GSM 850/1900, Wi-Fi, Bluetooth WCDMA 1700/1900, Wi-Fi, Bluetooth	0.42 W/kg 0.24 W/kg

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

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

Specific Absorption Rate (ICNIRP)

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

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

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg.

Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the ICNIRP guidelines for your device model are listed below:

Head SAR	GSM 850/1900, Wi-Fi, Bluetooth WCDMA 1700/1900, Wi-Fi, Bluetooth	0.37 W/kg 0.73 W/kg
Body-worn SAR	GSM 850/1900, Wi-Fi, Bluetooth WCDMA 1700/1900, Wi-Fi, Bluetooth	0.31 W/kg 0.16 W/kg

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

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

European Union Directives Conformance Statement

The following CE compliance information is applicable to Motorola mobile devices that carry one of the following CE marks:

CE 0168

CE 0168

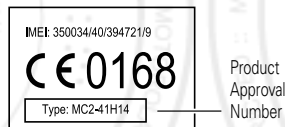
[Only Indoor Use Allowed In France
for Bluetooth and/or Wi-Fi]

Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives

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

The following gives an example of a typical Product Approval Number:



You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at www.motorola.com/rtte (in English only). To find your DoC, enter the Product Approval Number from your product's label in the "Search" bar on the website.

FCC Notice to Users

The following statement applies to all products that bear the FCC logo and/or FCC ID on the product label.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. See 47 CFR Sec. 15.105(b). These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if

not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(a)(3).

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

For products that support Wi-Fi 802.11a (as defined in product information): In the United States, do not use your device outdoors while connected to an 802.11a Wi-Fi network. The FCC prohibits such outdoor use since frequencies 5.15-5.25 GHz can cause interference with Mobile Satellite Services (MSS). Public Wi-Fi access points in this range are optimized for indoor use.

Software Notices

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

Important FCC information: You must not make or enable any changes to the product that will impact its FCC grant of equipment authorization. The FCC grant is based on the product's emission, modulation, and transmission characteristics, including: power levels, operating frequencies and bandwidths, SAR levels, duty-cycle, transmission modes (e.g., CDMA, GSM), and intended method of using the product (e.g., how the product is held or used in proximity

to the body). A change to any of these factors will invalidate the FCC grant. It is illegal to operate a transmitting product without a valid grant.

Location Services

The following information is applicable to Motorola mobile devices that provide location based functionality. Location sources can include GPS, AGPS and Wi-Fi.

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

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

Your mobile device can also use *Wi-Fi* signals to determine your approximate location, using information from known and available Wi-Fi networks.

Your Location

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

Emergency Calls

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location. AGPS has limitations and **might not work in your area**. Therefore:

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

Navigation

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

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

Privacy & Data Security

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

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Use your device's security and lock features, where available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure Personal Information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.
Note: For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support
- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).
- **Applications and updates**—Choose your apps and updates carefully, and install from trusted sources only. Some apps can impact your phone's performance and/or have access to private information including account details, call data, location details and network resources.
- **Wireless**—For mobile devices with Wi-Fi features, only connect to trusted Wi-Fi networks. Also, when using your device as a hotspot (where available) use network security. These precautions will help prevent unauthorized access to your device.

- **Location-based information**—Mobile devices enabled with location based technologies such as GPS, AGPS or Wi-Fi, can transmit location-based information. See “Location Services” for more details.
- **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

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

Use & Care

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



liquids

Don't expose your mobile device to water, rain, extreme humidity, sweat, or other liquids.



drying

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



extreme heat or cold

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



dust and dirt

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



cleaning

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



shock and vibration

Don't drop your mobile device.



protection

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

Recycling

Mobile Devices & Accessories

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



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.

Software Copyright

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

non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Content Copyright

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

Open Source Software Information

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

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

The Motorola website opensource.motorola.com (in English only) 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 go to Apps > **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.

Service & Repairs

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

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

How to Obtain Service or Other Information

1. Please access and review the online Customer Support section of Motorola's consumer website prior to requesting warranty service.
2. If the Product is still not functioning properly after making use of this resource, please contact the Warrantor listed at the Motorola website or the contact information for the corresponding location.
3. A representative of Motorola, or of a Motorola Authorized Repair Center, will help determine whether your Product requires service. You may be required to download, or otherwise obtain and accept software updates from Motorola or a Motorola Authorized Repair Center. You are responsible for any applicable carrier service fees incurred while obtaining the required downloads. Complying with the warranty process, repair instructions and accepting such software updates is required in order to receive additional warranty support.
4. If the software update does not fix the problem, you will receive instructions on how to ship the Product to a Motorola Authorized Repair Center or other entity.
5. To obtain warranty service, as permitted by applicable law, you are required to include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) your address and telephone number. In the event the Product is not covered by the Motorola Limited Warranty, Motorola will inform the consumer of the availability, price and other conditions applicable to the repair of the Product.

To obtain service or other information, please access and review the online Customer Support section of Motorola's consumer website at www.motorola.com.

Motorola Mobility LLC Limited Global Warranty Mobile Phones

FOR CONSUMERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS.

Who is Covered?

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

What Does this Limited Warranty Cover?

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

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

This Limited Warranty is only available in the country where the Product was purchased.

Motorola may provide service outside the country of purchase, to the extent that it is possible and under the terms and conditions of the country of purchase.

This Limited Warranty applies only to new Products which are a) manufactured by or for Motorola as identified by the "Motorola" trademark, trade name, or logo legally affixed to them; b) purchased by consumers from an authorized reseller or distributor of Motorola Products; and c) accompanied by this written Limited Warranty.

What Will Motorola Do?

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

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

Exclusions (Products and Accessories)

This warranty does not apply to:

(a) **Consumable parts**, such as batteries or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship. As with all

batteries, the maximum capacity of the battery will decrease with time and use; this is not a defect. Only defective batteries and batteries that leak are covered by this warranty.

(b) **Cosmetic damage**, including but not limited to scratches, dents, cracks or other cosmetic damage.

(c) **Damage caused by use with non-Motorola products**. Defects or damage that result from the use of non-Motorola branded or certified Products, accessories or other peripheral equipment, including without limitation housings, parts, or software, are excluded from coverage.

(d) **Damage caused by accident, abuse, misuse, liquid contact, fire, earthquake or other external causes**; including but not limited to: (i) improper usage or operation (e.g. operating the Product outside their permitted or intended uses as defined by Motorola, including but not limited to as set forth by Motorola in the Products' User Manual, Quick Start Guide, Online Tutorials, and other documentation), improper storage (e.g. subjecting the Product to extreme temperatures), abuse or neglect (e.g. broken/bent/missing clips/fasteners/connectors); impact damage (e.g. dropping the Product) (ii) contact with liquids, water, rain, extreme humidity, heavy perspiration or other moisture; sand, food, dirt or similar substances (except for Products sold as resistant to such substances, but only to the extent the damage was not caused by incorrectly securing the phone's protective elements or subjecting the Product to conditions beyond its stated specifications or limits); (iii) use of the Products for commercial rental purposes; or (iv) external causes or acts which are not the fault of Motorola, including but not limited to flood, fire, earthquake, tornado or other acts of God, are excluded from coverage.

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

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

evidence of tampering. Do not open the Product or attempt to repair the Product yourself; such conduct may cause damage that is not covered by this warranty.

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

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

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

(j) **Products that have been refurbished, reconditioned, or remanufactured**, except for Products repaired or replaced pursuant to the terms of this Limited Warranty.

If damage is outside the scope of warranty coverage, repair services may be available, but all costs associated with such out of warranty repair will be your responsibility.

What Other Limitations are There?

- TO THE EXTENT PERMITTED BY APPLICABLE LAW, THIS LIMITED WARRANTY AND THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. NO ORAL OR WRITTEN REPRESENTATIONS MADE BY MOTOROLA OR ANY SELLER, RESELLER OR DISTRIBUTOR OF THE PRODUCTS, INCLUDING EMPLOYEES AND AGENTS THEREOF, SHALL CREATE ANY ADDITIONAL WARRANTY OBLIGATIONS, INCREASE THE SCOPE, OR OTHERWISE MODIFY IN ANY MANNER THE TERMS OF THIS LIMITED WARRANTY.
- TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT AND ALL WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. WHERE SUCH STATUTORY OR IMPLIED WARRANTIES CANNOT LAWFULLY BE DISCLAIMED, THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THE EXPRESS LIMITED WARRANTY CONTAINED HEREIN AND THE REMEDIES OF REPAIR, REPLACEMENT, OR REFUND AS DETERMINED BY MOTOROLA IN ITS SOLE DISCRETION SHALL BE THE EXCLUSIVE REMEDY OF THE CONSUMER.
- TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA DOES NOT WARRANT THAT THE OPERATION OF ANY PRODUCTS OR SOFTWARE COVERED UNDER THIS

LIMITED WARRANTY WILL MEET YOUR REQUIREMENTS, WORK IN COMBINATION WITH ANY HARDWARE OR SOFTWARE APPLICATIONS OR THIRD PARTY SERVICES, BE UNINTERRUPTED, ERROR-FREE, OR WITHOUT RISK TO, OR LOSS OF, ANY INFORMATION, DATA, SOFTWARE OR APPLICATIONS CONTAINED THEREIN, OR THAT DEFECTS IN THE PRODUCTS OR SOFTWARE WILL BE CORRECTED.

- TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT, TORT OR UNDER OTHER LEGAL THEORY (INCLUDING NEGLIGENCE), FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCTS, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS; LOSS OF BUSINESS; BUSINESS INTERRUPTION; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION; LOSS OF, DAMAGE TO, OR CORRUPTION OF INFORMATION, DATA, SOFTWARE OR APPLICATIONS (INCLUDING ANY COSTS ASSOCIATED WITH RECOVERING, PROGRAMMING, OR REPRODUCING ANY INFORMATION, DATA, SOFTWARE OR APPLICATIONS STORED ON OR USED WITH MOTOROLA PRODUCTS, OR ANY FAILURE TO MAINTAIN THE CONFIDENTIALITY OF ANY INFORMATION OR DATA STORED ON THE PRODUCTS); OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS.
- SOME STATES OR JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR THE EXCLUSION OR LIMITATION ON THE LENGTH OF AN IMPLIED WARRANTY, OR THE LIMITATION OR EXCLUSION OF DAMAGES FOR PERSONAL INJURIES CAUSED BY NEGLIGENCE, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE OR JURISDICTION.
- **DATA BACKUP:** ALL INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS, INCLUDING BUT NOT LIMITED TO PERSONAL CONTACTS, ADDRESS BOOKS, PICTURES, MUSIC AND GAMES WILL BE ERASED DURING THE REPAIR PROCESS, AND CAN NOT BE REINSTALLED BY MOTOROLA. TO AVOID LOSING SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS PLEASE CREATE A BACK UP BEFORE YOU DELIVER YOUR PRODUCT FOR WARRANTY SERVICE, REMOVE ANY CONFIDENTIAL, PROPRIETARY OR PERSONAL INFORMATION AND DISABLE ANY SECURITY PASSWORDS. YOU WILL BE RESPONSIBLE FOR REINSTALLING ALL SUCH INFORMATION, DATA, SOFTWARE, OTHER APPLICATIONS AND PASSWORDS. MOTOROLA AND/OR ITS AUTHORIZED SERVICE CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OR MISUSE OF ANY DATA, FILES, CONTENT, APPLICATIONS AND PROGRAMS WHEN THE PRODUCT IS DELIVERED FOR WARRANTY SERVICE. YOUR PRODUCT OR A REPLACEMENT PRODUCT WILL BE

RETURNED TO YOU AS YOUR PRODUCT WAS CONFIGURED WHEN ORIGINALLY PURCHASED, SUBJECT TO APPLICABLE SOFTWARE UPDATES. MOTOROLA MAY INSTALL OPERATING SYSTEM SOFTWARE UPDATES AS PART OF WARRANTY SERVICE THAT MAY PREVENT THE PRODUCT FROM REVERTING TO AN EARLIER VERSION OF THE OPERATING SYSTEM SOFTWARE. THIRD PARTY APPLICATIONS INSTALLED ON THE PRODUCT MAY NOT BE COMPATIBLE OR WORK WITH THE PRODUCT AS A RESULT OF THE OPERATING SYSTEM SOFTWARE UPDATE. MOTOROLA AND ITS AUTHORIZED SERVICE CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OF, OR INABILITY TO USE, SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS.

- **WARNING AGAINST UNLOCKING THE BOOTLOADER OR ALTERING A PRODUCT'S OPERATING SYSTEM SOFTWARE:** MOTOROLA STRONGLY RECOMMENDS AGAINST ALTERING A PRODUCT'S OPERATING SYSTEM, WHICH INCLUDES UNLOCKING THE BOOTLOADER, ROOTING A DEVICE OR RUNNING ANY OPERATING SOFTWARE OTHER THAN THE APPROVED VERSIONS ISSUED BY MOTOROLA AND ITS PARTNERS. SUCH ALTERATIONS MAY PERMANENTLY DAMAGE YOUR PRODUCT, CAUSE YOUR PRODUCT TO BE UNSAFE AND/OR CAUSE YOUR PRODUCT TO MALFUNCTION. IN SUCH CASES, NEITHER THE PRODUCT NOR ANY DAMAGE RESULTING THEREFROM WILL BE COVERED BY THIS WARRANTY.
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