MUSIC PLAYER CONTROLS

To...	
Play/pause	Touch ▶ / ❚❚ .
Select previous/next song	Touch ⏮ / ⏭ .
Fast forward/rewind	Touch and hold ⏮ / ⏭ .
View playlist	Touch ☰ .
Shuffle on/off	Touch ☰ > ✕ .
Repeat all/current/off	Touch ☰ > ⇄ .
Adjust volume	Press side volume keys.
View library	Touch Menu ▤ > **Library**.
Manage speakers	Touch Menu ▤ > **Audio effects**.
Add to playlist	Touch Menu ▤ > **Add to playlist**.
Use as ringtone	Touch Menu ▤ > **Use as ringtone**.
Use as notification	Touch Menu ▤ > **Use as notification**.
Delete	Touch Menu ▤ > **Delete**.

HIDE, WAKE, TURN OFF

Touch Home ⌂ to use another app. Your music continues to play.

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

To turn off your music, touch ❚❚ .

PLAYLISTS

To add a song from the music library to a playlist, touch and hold the song, then touch **Add to playlist**. Choose an existing playlist, or touch **Create playlist** to create one.
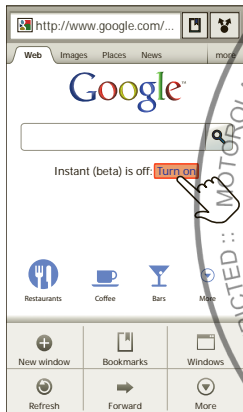
To edit, delete and rename playlists, touch and hold the playlist in the music library.

WEB

surf the web with your smartphone

QUICK START: BROWSER

Find it: Browser

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

New window
Bookmarks
Windows
Refresh
Forward
More

Touch Menu for browser options.

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

CONNECT

Your smartphone 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.

If you want to use a Wi-Fi network for faster Internet access, touch the status bar at the top of the home screen and drag it down. Touch the **Wi-Fi networks available** notification to select a preferred network. For more info, see "**WI-FI NETWORKS**" on page 42.

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.

DOWNLOADS

To download files in your browser, touch a file link or touch and hold a picture to choose **Save image**.

To see the files you downloaded, touch > **Downloads**. Touch and hold an item to open it, see details, or remove it from the list.

You can download "**APPS & UPDATES**" on page 10.

BROWSER OPTIONS

Touch Menu ⬅ to see browser options:

Options	
New window	Open a new browser window.
Bookmarks	See your bookmarks.
Windows	View open browser windows.
Refresh	Reload the current page.
Forward	Go forward through viewed pages (touch Back ⬅ to go back).
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: 🔲 > ▶ **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 see 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:

- **Universal Inbox**: Change the widget name or choose how long it shows new messages. To add email accounts, "**SET UP MESSAGING**" on page 20.
- **Music**: Set this widget to an artist, album, song, playlist, genre, or just touch Menu ⬅ > **Shuffle all**. There's more about "**MUSIC**" on page 32.
- **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 dock shortcuts at the bottom of the home screen, touch and hold the shortcut, then select the shortcut you want to replace it.

RINGTONES

Personalize your ringtones:

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

To set your vibrate options:

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

To set a song as a ringtone:

Find it: 🔲 > ⬤ **Music** and play the song, then touch Menu ☰ > **Use as ringtone**

Note: To choose from thousands more songs, visit verizonwireless.com/ringtones.

WALLPAPER

Apply a new wallpaper:

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

2 Touch **Wallpapers**.

3 Touch **Gallery**, **Live wallpapers**, or **Wallpapers**, and choose a wallpaper.

SOUNDS

- To set volume for ringtones, media, and alarms, touch Menu ☰ > **Settings** > **Sound** > **Volume**.

- To play dial pad tones, touch Menu ☰ > **Settings** > **Sound** > **Audible touch tones**.

- To play sound on a screen selection, touch Menu ☰ > **Settings** > **Sound** > **Audible selection**.

- To customize the sound settings for media and videos, touch Menu ☰ > **Settings** > **Sound** > **Media audio effects** > **Phone speaker**.

DISPLAY SETTINGS

- To set display brightness, touch Menu ☰ > **Settings** > **Display** > **Brightness**.

- To set orientation, touch Menu ☰ > **Settings** > **Display** > **Auto-rotate screen**.

• To set animation, touch Menu ☰ > **Settings** > **Display** > **Animation**.

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

DATE & TIME

Set date, time, time zone, and formats:

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

LANGUAGE & REGION

Set your menu language and region:
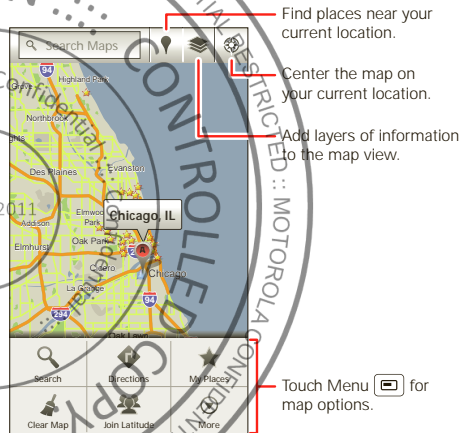
Find it: Menu ☰ > **Settings** > **Language & keyboard** > **Select locale**

LOCATION

where you are, where you're going

GOOGLE MAPS™

Find it: ▣ > 🗺 **Maps**

Find places near your current location.

Center the map on your current location.

Add layers of information to the map view.

Touch Menu ▣ for map options.

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

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 🔲 > 🔴 **Places** to see listings for **Restaurants**, **ATMs**, **Gas Stations**, and more based on your current location.

GOOGLE MAPS™ NAVIGATION

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

Find it: 🔲 > △ **Navigation**

Follow the prompts to speak or type your destination.

For more information, 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 ≡ > **Join Latitude**. Read the privacy policy and if you agree with it, touch **Agree & Share**.

ADD & REMOVE FRIENDS

Find it: 🔲 > 🔵 **Latitude**

To add friends:

1 Touch ➕👤.

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

3 Touch **Yes** to send a sharing request.

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

To remove friends:

1 Touch Menu ≡ > **Latitude** to show your list of friends, then touch a friend in your list.

2 Touch **Remove this friend**.

SHARE LOCATION

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

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

HIDE YOUR LOCATION

To hide your location from a friend, touch Menu > **Latitude** to show your list of friends. Touch a friend on the list, then touch **Sharing options** > **Hide from this friend**.

TURN OFF GOOGLE LATITUDE

Touch Menu > **Latitude** to show your list of friends, then touch Menu > **Settings** > **Sign out of Latitude**.

WIRELESS

lose the wires

QUICK START: WIRELESS

Connect your smartphone to fast Wi-Fi networks or Bluetooth™ devices.

To connect, touch Menu > **Settings** > **Wireless & networks** > **Wi-Fi settings** or **Bluetooth settings**.
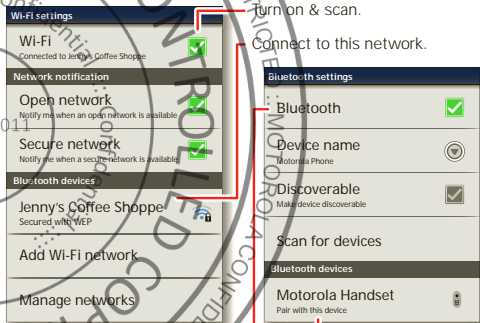
Turn on & scan.

Connect to this network.

Wi-Fi settings

Wi-Fi
Connected to Jenny's Coffee Shoppe

Network notification

Open network
Notify me when an open network is available

Secure network
Notify me when a secure network is available

Bluetooth devices

Jenny's Coffee Shoppe
Secured with WEP

Add Wi-Fi network

Manage networks

Bluetooth settings

Bluetooth

Device name
Motorola Phone

Discoverable
Make device discoverable

Scan for devices

Bluetooth devices

Motorola Handset
Pair with this device

Turn on & scan.

Connect to this device.

WI-FI NETWORKS

TURN WI-FI POWER ON OR OFF

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

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

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

WI-FI SEARCH & CONNECT

When Wi-Fi is **turned on**, the Wi-Fi in range indicator 🛜 appears in the status bar when a network is available. Drag down the status bar and touch the **Wi-Fi networks available** notification to select and connect to a network.

To search for a network when Wi-Fi is **turned off**:

1 Touch Menu ≡ > **Settings** > **Wireless & networks** > **Wi-Fi settings**.

2 Touch **Wi-Fi** to turn on and scan. If Wi-Fi power is already on, touch Menu ≡ > **Scan**. Your smartphone lists the networks it finds within range.

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

3 Touch a network to connect. If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**.

When your smartphone is connected to the network, the Wi-Fi connected indicator 🛜 appears in the status bar.

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

WI-FI HOTSPOT

You can make your smartphone a Wi-Fi hotspot to provide portable, convenient internet access to other Wi-Fi enabled devices.

Caution: This application significantly impacts battery life. You may want to run this application with the charger connected.

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

To set up your smartphone as a Wi-Fi hotspot:

1 Turn off Wi-Fi power by touching Menu ≡ > **Settings** > **Wireless & networks** > **Wi-Fi**.

2 Touch 🖼 > 🌐 **Mobile Hotspot** > **Mobile Hotspot** to turn on the hotspot.

3 Touch **Configure Mobile Hotspot** to change hotspot security and configuration settings:

- **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**, or **WPA2**. Enter a unique password. Other users can access your Wi-Fi hotspot only if they enter the correct password.

  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.

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

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

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**,

BLUETOOTH™ HANDSFREE DEVICES

TURN BLUETOOTH POWER ON OR OFF

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

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

CONNECT NEW DEVICES

Note: This feature requires an optional accessory.

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

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

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

2 Touch Menu ≡ > **Settings** > **Wireless & networks** > **Bluetooth settings**.

3 Touch **Bluetooth** to turn on and scan. If Bluetooth power is already on, touch **Scan for devices**.

4 Touch a device to connect.

5 If necessary, touch **OK**, or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth connected indicator 🔵 appears in the status bar.

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

RECONNECT DEVICES

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

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

DISCONNECT DEVICES

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

To manually disconnect your smartphone from a paired device, touch the device name in the devices list, then touch **OK**.

CHANGE DEVICE NAME

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

DLNA™ MEDIA DEVICES

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

Use DLNA Certified computers, TVs, and other devices to play or transfer the video, pictures, and music stored on your smartphone.

1 Make sure your smartphone is connected to a Wi-Fi network that has another DLNA Certified device.

2 Touch ▦ > 🔅 **DLNA**.

3 Touch **Play media**, **Copy media to server**, **Copy media to phone**, or **Share media**.

Your smartphone searches for DLNA devices on your network. To search again, touch Menu ⊟ > **Refresh**.

4 Touch a device to connect.

For more about DLNA devices, visit www.dlna.org.

MOTOPRINT

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. You can even save your favorite printers and geo-tag their location for future use.

PRINT A DOCUMENT OR FILE

To print something from the **Email**, **Quickoffice**, or **Gallery** apps, open it and touch Menu ▤ > **Print**.

To print something directly from the **MOTOPRINT** app, touch ▣ > ▦ **MOTOPRINT**, then select a document type and follow the on-screen instructions.

ADD A PRINTER

Find it: ▣ > ▦ **MOTOPRINT**, touch Menu ▤ > **Manage printers**, touch Menu ▤ > **Add printer**

MOTOPRINT HOST

To print to a non-compatible or non-networked printer connected to your Windows™ computer, you need to install free MOTOPRINT Host software on the computer. You can download MOTOPRINT Host at www.motorola.com.

To print something using MOTOPRINT Host:

Find it: ▣ > ▦ **MOTOPRINT**, touch Menu ▤ > **Manage printers**, touch Menu ▤ > **Add printer** > **MOTOPRINT host**

Select MOTOPRINT Host running on your computer, then select the printer you want to use.

MEMORY CARD & FILE MANAGEMENT

copy photos, music, and more

MEMORY CARD

Note: Your music, photos, and other files are automatically stored on your smartphone's internal memory. You can set individual applications (camera, camcorder, etc.) to store files on the microSD card.

DELETE OR SHARE FILES ON YOUR SMARTPHONE

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

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

REMOVE OR FORMAT YOUR MEMORY CARD

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

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

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

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

Memory card & file management   **45**

USB CONNECTION

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

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

1 With your smartphone showing the home screen, connect a Motorola micro-USB data cable from your smartphone's micro USB port to a USB port on your computer. Your smartphone should show 🔌 in the status bar.

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

2 Drag and drop files between your computer and smartphone folders. When you're done, use "Safely Remove Hardware" before disconnecting the USB cable.

Note: If you're using a memory card, you can't use the files on your memory card with your smartphone while it is connected to the computer.

TOOLS

stay on top of things

CALENDAR

Find it: 📱 > 📅 **Calendar**

Your calendar events can be viewed in different ways: Touch 📱 > **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 set the reminder time to **0 minutes**, it plays at the event start time.)

Tip: Reminders will play only if you've selected a notification ringtone (see " **RINGTONES** " on page 38).

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

▼	All calendars	📋	➕
July 2011			

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

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: 🔲 > 📋 **Tasks**

To add a task, touch ➕

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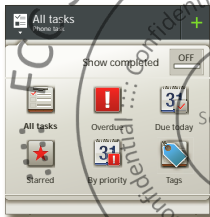
CALCULATOR

Find it: 🔲 > 🔢 **Calculator**

To switch between basic and advanced functions, touch Menu ≡ > **Advanced panel** or **Basic panel**. To clear history, touch Menu ≡ > **Clear history**.

ALARM CLOCK

Find it: 🔲 > ⏰ **Alarm & Timer**

To turn on an alarm, touch the check box.

When an alarm sounds, select **Dismiss** to turn it off or touch the screen to snooze for five minutes.

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

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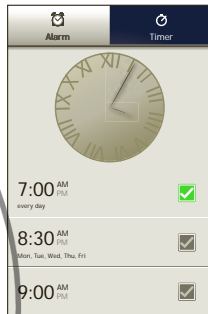
ACCESSIBILITY

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

Note: For general information, accessories, and more, visit www.motorola.com/accessibility.

VOICE RECOGNITION

Use your voice—just touch and speak.

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

• **Search:** Touch and hold Search 🔍, then say what you want to search for, like "Motorola accessories".

• **Text entry:** Touch a text entry 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.

VOICE READOUTS (TALKBACK)

Your navigation and selections, read out loud.

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

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

To use voice readouts:

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

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

• **Dialer & text entry:** As you type, each number or letter is read out loud.

• **Notification:** When you drag the notifications bar down, all notifications are read out loud.

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

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

CALLER ID

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

- **Read out loud:** Have your caller announced—touch Menu ☰ > **Settings** > **Call settings** > **Caller ID Readout**.

- **Ringtones:** Assign a unique ringtone to a contact—touch 🗂 **Contacts**, touch 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 Menu ☰ > **Settings** > **Voice input & output** > **Voice recognizer settings**. From here, you can set options like language and censorship.

- **Voice commands:** Touch 🔲 > 🎤 **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 Menu ☰ > **Settings** > **Voice input & output** > **Text-to-speech settings**. From here, you can set options like speed and language.

VOLUME & VIBRATE

Choose volume and vibrate settings that work for you. Touch Menu ☰ > **Settings** > **Sound**:

- **Volume:** Touch **Volume** and use the sliders.

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

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

ZOOM

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

- **Magnification window:** Touch Menu ☰ > **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, then touch **Zoom Mode**.

- **Pinch to zoom:** To zoom in, touch the screen with two fingers and then slide them apart. To zoom out, slide your fingers together.

DISPLAY BRIGHTNESS

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

TOUCHSCREEN & KEYS

All these touch features are great, and sometimes it's nice to hear or feel your touches too. Touch Menu 🔲 > **Settings** > **Sound**:

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

MESSAGES

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

Find it: 🔲 > ✉ **Messaging** > **Universal Inbox**

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

HEARING AIDS

To help get a clear sound when using a hearing aid or cochlear implant, your phone may have been rated for use with hearing aids. If your phone's box has "Rated for

Hearing Aids" printed on it, then please read the following guidance.

Note: Ratings are not a guarantee of compatibility, see "Hearing Aid Compatibility with Mobile Phones" in your legal and safety information. You may also want to consult your hearing health professional, who should be able to help you get the best results.

- **Settings:** Touch Menu 🔲 > **Settings** > **Call settings** > **HAC Mode Settings**. Select **Microphone** to optimize your phone for microphone coupling, or select **Telecoil** to optimize your phone for telecoil coupling.
- **Call volume:** During a call, press the side volume keys to set a call volume that works for you.
- **Position:** During a call, hold the phone to your ear as normal, and then rotate/move it to get the best position for speaking and listening.
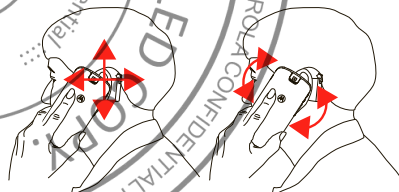
TTY

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

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

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

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

APPS

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

Find it: ▦ > 📩 **Market**

Select a category or touch Search 🔍 to find the app you want.

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

MANAGEMENT

stay in control

SMART ACTIONS

Fed up doing the same tasks over and over again? Let smart actions do them for you. You can create smart actions to do things like automatically dim the touch screen when the battery is low, set your ringer to vibrate at work, and activate a Wi-Fi connection at home.

Find it: ▦ > 🗂 **Smart Actions**

For more information, open the Smart Actions app and touch Menu ⊟ > **Help**.

WIRELESS MANAGER

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

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

AIRPLANE MODE

Use airplane mode to turn all your wireless connections off—useful when flying. Press and hold Power ⓪ > **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.

NETWORK

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

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

SECURITY

help keep your smartphone safe

QUICK START: SECURITY

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

Location & security settings

Security

Set up screen lock
Lock screen with a pattern, PIN, or password
— Select & set up a screen lock method.

Security lock timer
20 minutes
— Set lock timer.

Allow Bluetooth bypass
Allow Voice Commands to be launched via Bluetooth Multi-Function button while device is locked

SIM card lock

Set up SIM card lock

Data encryption

Data encryption
Protect the data on your phone or memory card. Requires screen lock

Passwords

Visible passwords
Show password as you type
— See the passwords you enter.

SCREEN LOCK

To prevent accidental touches, you can make the screen lock when it goes to sleep. Touch Menu ☰ > **Settings**

> **Location & security** > **Change 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 smartphone (see "**EMERGENCY CALLS**" on page 15). A locked smartphone still rings, **but you need to unlock it to answer**.

LOCK PATTERN

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

Follow the instructions to draw your lock pattern.

When prompted, draw the pattern to unlock the smartphone.

Draw an unlock pattern

PIN LOCK

To set a PIN, touch Menu ☰ > **Settings** > **Location & security** > **Change screen lock** > **PIN**.

Enter a numeric PIN, then confirm it.
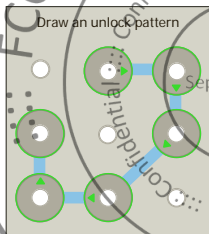
When prompted, enter the PIN to unlock the smartphone.

PASSWORD LOCK

To set the password, touch Menu ☰ > **Settings** > **Location & security** > **Change screen lock** > **Set password**.

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

When prompted, enter the password to unlock the smartphone.

PERSONALIZE YOUR LOCK SCREEN

To change your timeout, touch Menu ☰ > **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/smartphone:

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

To unlock the screen/smartphone, press Power ⏻, or touch Home ⌂. Or switch on the smartphone to view the lock screen.

FORGOT YOUR PATTERN OR PASSCODE?

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

RESET

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

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

REMOTE WIPE A LOST OR STOLEN SMARTPHONE

Don't you just hate it when your life is on your smartphone and it all goes wrong? Lost, or even worse—stolen! If necessary, you can use your email account on a Microsoft™ Exchange ActiveSync 2007 server to clear the personal data from your smartphone and memory card.

You need to be assigned permissions before you can remote wipe data from your smartphone and memory card. Contact your IT system administrator for the information and permissions you need to perform the remote wipe process.

Warning: All downloaded apps and user data on your smartphone and memory card will be deleted.

TROUBLESHOOTING

we're here to help

CRASH RECOVERY

In the unlikely event that your smartphone stops responding to touches and key presses, try a forced reboot—press and hold both Power ⏻ and the down volume key for three seconds.

SERVICE & REPAIRS

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

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

Safety, Regulatory & Legal

Battery Use & Safety

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

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

DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the mobile device or battery come in contact with 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 by dropping, liquids or high temperatures.**

* Note: Always make sure that the battery compartment and any connector 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. Using a mobile device or accessory may be prohibited or restricted in certain areas, always obey the laws and regulations on the use of these products.

While driving, NEVER:
• Type or read texts.
• Enter or review written data.
• Surf the web.
• Input navigation information.
• Perform any other functions that divert your attention from driving.

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

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

Seizures/Blackouts

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

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

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

Caution About High Volume Usage

Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To protect your hearing:
• Limit the amount of time you use headsets or headphones at high volume.
• Avoid turning up the volume to block out noisy surroundings.
• Turn the volume down if you can't hear people speaking near you.

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

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

Repetitive Motion

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

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.

Similar to a computer, if a child does use your mobile device, you may want to monitor their access to help prevent exposure to inappropriate apps or content.

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 Atmospheres

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

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries unless it is a radio product type especially qualified for use in such areas 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.
⊗ (fire)	Do not dispose of your battery or mobile device in a fire.
♻	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
🔀	

Symbol	Definition
🗑	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.
⊗ (tools)	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, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 cm (1 inch) from your body when transmitting.
- Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our website at: www.motorola.com.

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so.
In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.
Persons with implantable medical devices should observe the following precautions:

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

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

Specific Absorption Rate (FCC)

YOUR MOBILE DEVICE MEETS FCC 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). 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.

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 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:

$C\epsilon0168$

$C\epsilon0168①$ [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

IMEI: 350034/40/394721/9

$C\epsilon0168$

Type: MC2-41H14
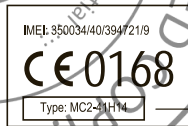
Product Approval Number

The above 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 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 the product specifications available at www.motorola.com), the following information applies. This equipment has the capability to operate Wi-Fi in the 5 GHz Unlicensed National Information Infrastructure (U-NII) band. Because this band is shared with MSS (Mobile Satellite Service), the FCC has restricted such devices to indoor use only (see 47 CFR 15.407(e)). Since wireless hot spots operating in this band have the same restriction, outdoor services are not offered. Nevertheless, please do not operate this device in Wi-Fi mode when outdoors.

Industry Canada Notice to Users

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

Location Services (GPS & AGPS)

The following information is applicable to Motorola mobile devices that provide location based (GPS and/or AGPS) functionality.

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

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

Your Location

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

Emergency Calls

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

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

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

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.

Smart Practices While Driving

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

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

- **Get to know your Motorola mobile device and its features such as speed dial, redial and voice dial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.

- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number (wherever wireless phone service is available), as you would want others to do for you.
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

Privacy & Data Security

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

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. 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**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.
- **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

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

Use & Care

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

liquids

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

extreme heat or cold

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

microwaves

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

dust and dirt

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

cleaning solutions

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

shock and vibration

Don't drop your mobile device.

protection

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

Recycling

Mobile Devices & Accessories

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

schemes, and further information on Motorola recycling activities can be found at: www.motorola.com/recycling.

Packaging & Product Guides

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

California Perchlorate Label

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

Perchlorate Material – special handling may apply when the battery is recycled or disposed of. See www.dtsc.ca.gov/hazardouswaste/perchlorate (in English only).

There is no special handling required by consumers.

Hearing Aid Compatibility with Mobile Phones

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

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

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

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

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

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

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

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

Software Copyright Notice

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Open Source Software Information

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

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

The Motorola website opensource.motorola.com (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 press Menu Key > **Settings** > **About phone** > **Legal information** > **Open source licenses**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Product Registration

Online Product Registration:

www.motorola.com/us/productregistration (in English only)

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.

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

Thank you for choosing a Motorola product.

Service & Repairs

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

Go to www.motorola.com/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (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 Inc. 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 Inc. or its subsidiaries' warranty obligations are limited to the terms and conditions set forth herein. Subject to the exclusions contained below, Motorola Mobility Inc or its subsidiaries ("Motorola") warrant this Mobile Phone, and any in-box accessories which accompany such Mobile Phone ("Product") against defects in materials and workmanship, under normal consumer use, for a period of ONE (1) YEAR from the date of retail purchase by the original end-user purchaser, or the period of time required by the laws of the country where the Product is purchased, whichever is longer ("Warranty Period").

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

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

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

What Will Motorola Do?

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

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

Exclusions (Products and Accessories)

This warranty does not apply to:

(a) **Consumable parts**, such as batteries or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this Limited 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 forgoing 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.

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• 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.
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Product ID: MOTOROLA **XT912**
Manual Number: 68XXXXXXX-X