IronPrime TD User Manual

MOTOROLA

MOTO**LUXE**™ **XT**

LIFE. POWERED.

CONGRATULATIONS

MOTOLUXE XT

Your MOTO**LUXE XT** phone delivers more for your work and play.

- **Multi-tasking:** A blistering fast dual-core 1.2 GHz processor makes multi-tasking a snap.

- **Camera:** Use your 8MP camera with advanced features to deliver crisp, quality photos. Your phone's Super AMOLED display makes viewing photos and video playback crisper and more vivid than ever before. Find out more in "**PHOTOS & VIDEOS**" on page 22.

Note: Some apps and features might not be available in all countries.

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

SAR This product meets the applicable limit for exposure to radio waves (known as SAR) of 2.0 W/kg (ICNIRP). The limits and guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The highest SAR values measured for this device are listed in the regulatory information packaged with your product.

Note: When using the product while worn on your body, either use an approved accessory such as a holster or maintain a distance of 2.5 cm (1 inch) from the body to ensure compliance with SAR requirements. Note that the product may be transmitting even if you are not making a phone call.

MORE

- **Updates:** Phone updates, PC software, user's guides, online help, and more at www.motorola.com.

- **Accessories:** Find more for your phone at www.motorola.com/products.

- **Social:** The latest news, tips & tricks, videos, and so much more—join us on:

  YouTube™ www.youtube.com/motorola

  Facebook™ www.facebook.com/motorola

  Twitter www.twitter.com/motomobile

YOUR PHONE

the important keys & connectors

3.5mm Headset Jack

Power/ Lock Key
Press = sleep.
Hold = turn off.

Volume Keys

Micro USB Connector

Front Camera

Notification Light
Flash=missed call, new message, or other notification.

Touchscreen

Microphone

Note: Your phone might look a little different.

CONTENTS

LET'S GO

let's get you up and running

ASSEMBLE & CHARGE

1. Remove cover.
2. MicroSD in.
3. SIM/s in.
   - ✓ SIM
   - 🚫 microSIM
   - 🚫 microSIM + Adapter
4. Charge. 3H

Tip: To save battery life, see "**BATTERY LIFE**" on page 21.

Caution: Please read "**BATTERY USE & SAFETY**" on page 42.

WI-FI CONNECT

To use a Wi-Fi network for even 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.

You can also touch Apps (⊞) > ⚙ **Settings** > **Wi-Fi**, then touch the **Wi-Fi** power switch to turn it ⬛ON, to scan and connect to wireless networks. There's more in "**WI-FI NETWORKS**" on page 30.

CONTROL

a few essentials

TOUCH

- **Touch:** Choose an icon or option.
- **Touch & Hold:** Select an item and open an action bar.
- **Drag:** Move items in the home screen, or scroll slowly through lists.
- **Flick:** Scroll quickly between views or through lists.
- **Pinch or double-touch:** Zoom in and out on websites, photos, and maps.

Slide two fingers apart or together to zoom in or out.

Drag or flick to scroll.
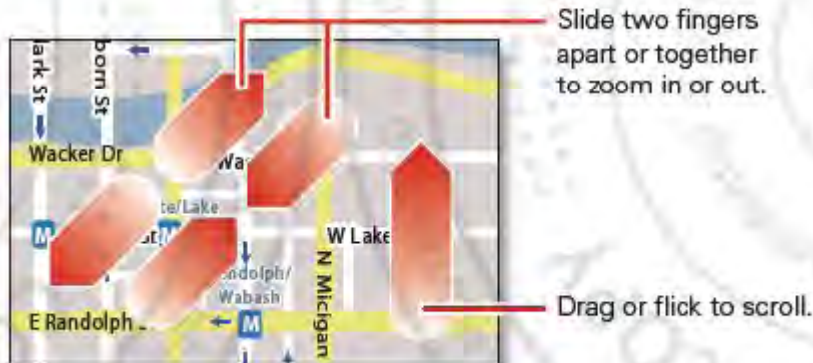
HOME, BACK, AND RECENT APPS

Touch Home ⌂ to close a menu or app and return to the home screen.

Touch Back ⬅ to go back one screen.

Touch Recent Apps ⬜ to see the most recent apps you've used, then touch an app to re-open it.

Back   Recent Apps

Home

Tip: To remove an item from the recent apps list, flick it left or right.

In some apps, you can touch Menu ⦂ to open menu options, and touch 🔍 to start a search.

TOUCHSCREEN ON/OFF

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

To change how long your phone waits before the screen goes to sleep automatically, touch Apps ⊞ > ⚙ **Settings** > **Display** > **Sleep**.

Tip: To make the screen lock when it goes to sleep, see "**SCREEN LOCK**" on page 39.

ROTATE THE SCREEN

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

Find it: Apps ⊞ > ⚙ **Settings** > **Display** > **Auto-rotate screen**

PRESS

POWER KEY MENU

Press and hold the Power Key to turn off your phone (**Power off**), **Reboot** your phone, turn **Airplane mode** on and off, or change the sound setting.

VOLUME KEYS

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

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

Tip: When your phone rings, press a volume key to quickly silence your ringtone.

QUICK TIPS

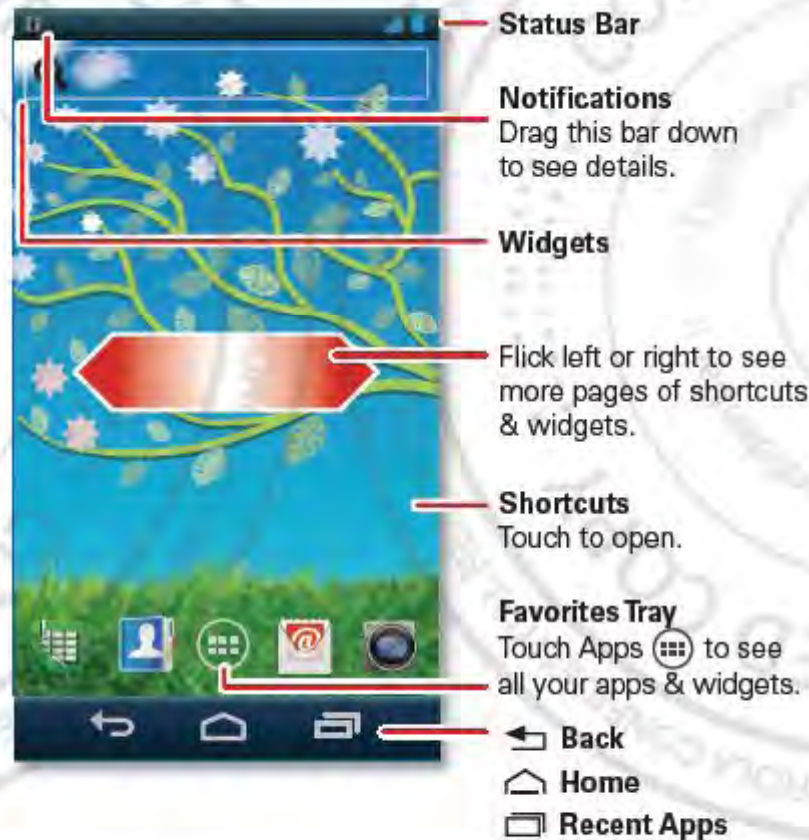If you're not sure what to do next, try one of these:

To...	
Open a text message, see contact details, or open items in a list.	Touch the message, contact, or item.
See options for the current screen (if available).	Touch Menu ⋮.
Select an item and open an action bar (if available).	Touch & hold the item.
Go back to the home screen.	Touch Home ⌂.
Wake up your phone.	Press the Power key.
Reboot an unresponsive phone.	Press and hold the Power key and the down volume key for up to 10 seconds.

HOME SCREEN

quick access to the things you need most

QUICK START: HOME SCREEN

The *home screen* gives you all your latest information in one place. It's what you see when you turn on your phone or touch Home △.

Status Bar

Notifications
Drag this bar down to see details.

Widgets

Flick left or right to see more pages of shortcuts & widgets.

Shortcuts
Touch to open.

Favorites Tray
Touch Apps ⊞ to see all your apps & widgets.

↰ **Back**
△ **Home**
▭ **Recent Apps**

Note: Your home screen might look a little different.

USE & CHANGE YOUR HOME SCREEN

Shortcuts on the home screen are icons that open your favorite apps. *Widgets* are apps or tools that provide additional phone functionality and live content.

Some shortcuts (like **People**) have a quick view that you can open by flicking up or down on the shortcut—look for ⬍ quick view arrows next to the shortcut.

To see other pages of shortcuts and widgets, flick the home screen left or right.

• **Add shortcuts & widgets:** Touch Apps ⊞, touch and hold an app or widget, then drag it to a spot on a home screen page.

• **Create shortcut folders:** To create a folder of shortcuts on your home screen, touch and hold a shortcut, then drag it on top of another shortcut. To add more shortcuts, drag them onto the folder. To name the folder, touch it and enter a name at the bottom.

- **Resize widgets**: You can resize some widgets—touch and hold a widget until you feel a vibration, then release. Drag the blue diamonds at the edges to resize.

- **Move or delete shortcuts & widgets**: Touch and hold a shortcut or widget until you feel a vibration, then drag it to another spot, another page, or **Remove** at the top of the screen.

- **Change wallpaper**: Touch and hold an empty spot on the home screen.

Shortcuts in the *favorites tray* at the bottom of the home screen appear in all home screen pages. You can drag shortcuts or folders in or out of the favorites tray (except Apps ⊞) for instant access from any home page.

MOTO SWITCH

Jump right to your favorite apps from the lock screen!

To set up your lock screen apps:

Your favorites.

Touch & hold between the two rings to show your most used apps

Drag to scroll.

Most used apps. Drag an app to the outer ring to add it to your favorites.

Tip: To **delete** a favorite app icon, touch and hold between the two rings, then drag the app icon to the trash icon 🗑.

To **go to a favorite app** from the lock screen, drag the app towards the lock icon 🔒.

Note: For toggle apps, such as **Bluetooth** or **Flight Mode**, the screen will remain locked.

SEARCH

Touch the Search widget in the home screen, then start typing your search text.

As you type, suggestions appear below the search field:

- To search for a suggestion, touch it.
- To add a suggestion to the search field, touch the arrow beside it.
- To search for the text in the search field, touch Q on the touchscreen keypad.

The browser shows a list of search results.

PHONE STATUS & NOTIFICATIONS

Icons at the top right of the home screen show status information, like signal strength, battery level, and time.

Icons at the top left show messages and app notifications. To see your notifications, touch the status bar and drag it down. Touch a notification to select it.

Tip: To remove a notification from the list, flick it left or right. To clear all notifications, touch ✖. To go to your settings menu, touch ⚙.

STATUS & NOTIFICATION ICONS

◢	network (full signal)	⊢∎	H (fastest data)
⊚	Wi-Fi in range	▽	Wi-Fi connected
ⓑ	Bluetooth™ on	ⓑ	Bluetooth connected
⊚	GPS active	⚠	warning
⯆	USB connected	⟳	background data sync
⟨	active call	✖	missed call
✈	airplane mode	▦	microSD card
✉	new text message	☑	alarm set
@	new email	⯮	calendar event reminder
⧉	new voicemail	▶	music player active
⟨⟩	vibrate	◀	speakerphone on
◀	sound off	⬝	call muted
⚡	battery (charging)	⬇	downloading
▮	battery (full charge)		

UPDATES

get the app you want

One of the great things about a smartphone is the apps. Whatever you're into, whatever you want to do, there's probably an app that can help you. So, go to the place that has it all, Google Play™ Store, where you can choose from hundreds of thousands of apps.

UPDATE MY PHONE

You can check, download, and install phone software updates using your phone, or using your computer:

- Using your phone:

  You may get an automatic notification of an available update on your phone. Simply 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 and check the "Software" links. If an update is available, follow the installation instructions.

CALLS

it's good to talk

QUICK START: CALLS

In the home screen, touch 🔲 **Phone**.

Tip: When the phone is locked, touch 🔘 and flick to 🔲.

DIALER

Flick the screen left or right to see dialer, recent calls, or phonebook.

Search for a contact by entering one of the following: First letter(s) of name, name or phone number

Open options.

Call
Enter a phone number & touch here to call it.

Hide dialpad.

Tip: Search for contacts right from the dialpad! For example, to find **Jeff** in your contacts list, touch **5-3-3-3**. Matching contacts appear above the number field.

DURING A CALL

Victor Harp
Mobile (555) 555-4570   00:12 — **Call Timer**

Enter numbers during a call.

End Call

Speakerphone On/Off

Open options.

Add another person for a conference call.

Put call on hold.
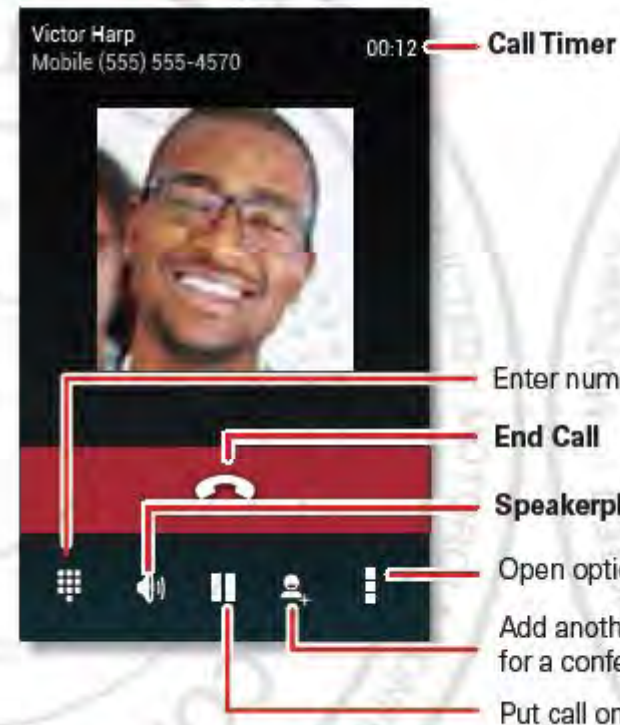
To use a Bluetooth™ device, touch **Bluetooth**. (The device must be turned on and previously paired—see "**CONNECT NEW BLUETOOTH DEVICES**" on page 31.)

Tip: You can touch Home ⌂ or Back ⬅ to leave the active call display. To reopen it, touch Home ⌂ > 📱 **Phone**.

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

MAKE & ANSWER CALLS

To **make** a call, touch 📱 **Phone**, enter a number, then touch 📞.

Tip: When you hold your phone to your ear, the display goes dark to prevent accidental touches. When you move the phone away from your ear, the display lights up again.

To **answer** a call, touch ⚫ and flick to 📞.

To send an incoming call to your **voicemail**, touch ⚫ and flick to 📞.

Tip: To silence an incoming call alert, press the Power key or the volume keys.

RECENT CALLS

Find it: 📱 **Phone** > 🕐

- To call a number, touch 📞 next to the entry.
- To see call details, touch the entry.
- To view options such as send a text message, create a contact, view a contact, touch the contact.

- To search the recent calls list, touch 🔍.
- To clear the list, touch Menu ⋮ > **Clear call log**.

FAVORITES

Find it: Apps ⊞ > 👤 **People** > ⭐

- To call, text, email, or view contact information, touch the contact.
- To edit, share, delete, or set a ringtone for a contact, touch the contact, then touch Menu ⋮.

CONFERENCE CALLS

To start a conference call, call the first number. After the call connects, touch 👥. Dial the next number, or select it from contacts or favorites. When the next number answers, touch ⬆.

YOUR PHONE NUMBER

Find it: Apps ⊞ > ⚙ **Settings** > **About phone** > **Status** > **Select Subscription** > **My phone number**

EMERGENCY CALLS

Note: Your service provider programs one or more emergency phone numbers that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot

be placed due to network, environmental, or interference issues.

1 Touch ▦ **Phone** (if your phone is locked, touch **Emergency Call**).

2 Enter the emergency number.

3 Touch 📞 to call the emergency number.

Note: Your phone can use location based services (GPS and AGPS) to help emergency services find you.

COOL DOWN

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

MORE CALLING FEATURES

Feature	
international calls	If your phone service includes international dialing, touch and hold **0** to insert your local international access code (indicated by **+**). Then enter the country code and phone number.

Feature	
voicemail	To listen to your voicemail messages, touch & hold **1** in the dialer.

CONTACTS

be a people person

QUICK START: CONTACTS

Find it: Apps ⊞ > 🔲 **Contacts**

Tip: When the phone is locked, touch ⊖ and flick to 🔲.

View favorites.

Create & view groups of contacts.

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

Touch a letter to jump to contact names that start with that letter.

Add contacts.

Search for contacts.
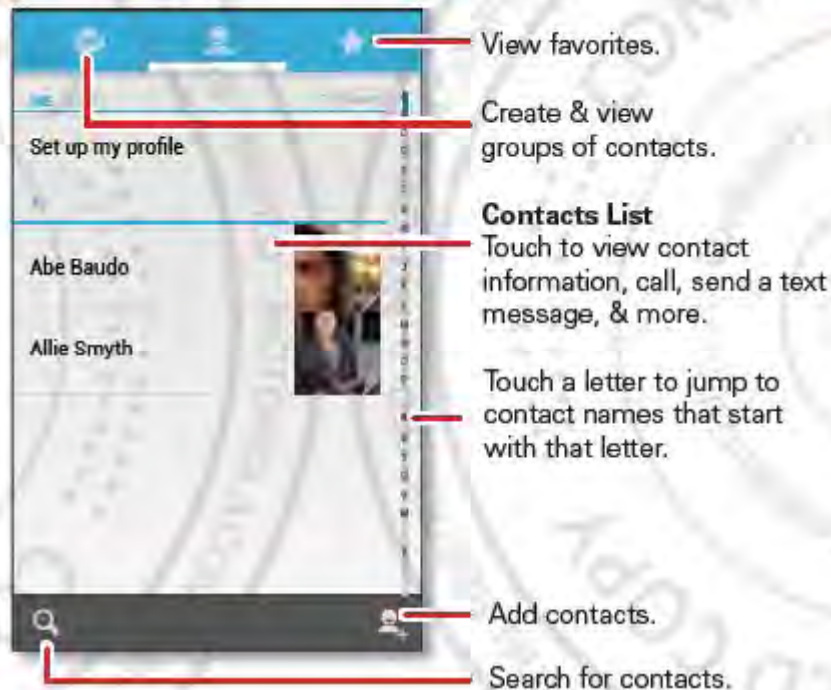
TRANSFER CONTACTS

Get all your contacts, all in one place. Here are a few helpful hints:

• Use Gmail™

When you first set up your phone and sign in to your Google™ account, all your Gmail contacts are synced automatically with your People app. After that, your contacts stay in sync whether you make changes on your phone, from another device, or from a web browser. Most contact applications for mobile phones and email accounts allow you to export your contacts as a ".csv" file. You can then use Gmail to import the file. For more details, go to www.motorola.com/transfercontacts or log in to your Gmail account on your computer and select "Help".

• More

There are other methods and tools to help you at www.motorola.com/transfercontacts.

LINK CONTACTS

You might have two or more contacts for the same person, maybe a Gmail contact who is also stored on your phone, or one friend with two email addresses. To combine these contacts:

Find it: Apps ⊞ > 👤 **Contacts**

Touch a contact to open it, touch Menu ⋮ > **Edit** > Menu ⋮ > **Join**, then touch the second contact.

CALL OR EMAIL CONTACTS
Find it: Apps ⊞ > 👤 **Contacts**

- To call a contact, touch the contact's name, then touch the number you want to call. To send a text message, touch 🖃 next to the number.

- To email a contact, touch the contact's name, then touch the contact's email address.
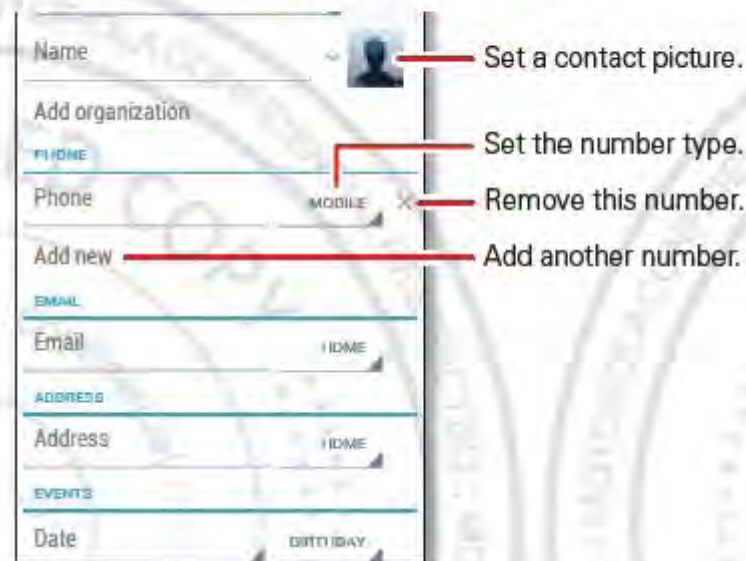
VIEW CONTACTS
When you log in to a social networking account, you'll know what everybody's up to and when.

Find it: Apps ⊞ > 👤 **Contacts**

- To find a contact, touch 🔍 and type the contact name.

  Touch a contact to open its details. You can start a call or message by touching the phone number, message 🖃, or email address.

- To change which group of contacts is shown (like **All contacts**) touch Menu ⋮ > **Contacts to display**.

- To change how you view the list of contacts, touch Menu ⋮ > **Settings** > **Display options**.

CREATE CONTACTS
Find it: Apps ⊞ > 👤 **Contacts** > 👤

Set a contact picture.

Set the number type.

Remove this number.

Add another number.

Touch any entry area to open the touchscreen keypad.

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

FAVORITES
To add a contact to your favorites list, touch the contact to open it, then touch ⭐.

To see your favorites list:

Find it: Apps ⊞ > 👤 **Contacts** > ⭐

EDIT OR DELETE CONTACTS

Find it: Apps ⊞ **>** 👤 **Contacts >** *contact* **> Menu** ⋮
> Edit or **Delete**

SYNCHRONIZE CONTACTS

When you change one of your contacts, your smartphone automatically updates your other accounts. When you change a contact in one of your other accounts, your smartphone updates the contact information in your 👤 **Contacts** app.

PERSONALIZE CONTACTS

Find it: Apps ⊞ **>** 👤 **Contacts**

Add a photo: Touch 🖼.

Set a ringtone: Touch *contact* **> Menu** ⋮ **> Set ringtone**.

GROUPS

Find it: Apps ⊞ **>** 👤 **Contacts > GROUPS >** *group name*

You can put your contacts into groups (like "Friends" or "Family") to make it easier to find them.

To create a new group, touch Apps ⊞ **>** 👤 **People >** 👥
> 👥₊.

MESSAGES

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

READ & REPLY TO MESSAGES

Find it: Apps ⊞ > 🖼 **Messaging**

Tip: From the phone unlock screen, touch 🔑 and flick to 🖼.

- To **open** a text message and all of its replies, touch it.
- To **respond** to a text message, open it and enter your response in the text box at the bottom.
- To **delete** a message, touch and hold to select it, then drag it to the trash can 🗑 in the upper right corner.
- To **adjust** messaging options, touch Apps ⊞ > 🖼 **Messaging** > Menu ⋮ > **Settings**.

CREATE MESSAGES

Find it: Apps ⊞ > 🖼 **Messaging** > 📧

Enter the recipient and message. Touch Menu ⋮ to **Insert smiley** or **Add subject**.

To add an attachment, touch 🖇 in the upper right corner.

SEND & RECEIVE MESSAGE ATTACHMENTS

To send a file in a message, open a new message and touch 🖇 in the upper right corner.

When you receive a message with an attachment, open the message and touch the file name to download it. Touch the name again to open it. Some file types 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 NETWORKS**" on page 30).

EMAIL

You can set up multiple email accounts on your phone.

Touch Apps ⊞ > ⚙ **Settings** > **Accounts & sync** > **ADD ACCOUNT**, then:

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

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

- Select **Email** for your personal email accounts. For account details, contact the account provider.

To read and reply to messages on your email accounts, touch Apps ⊞ > 📧 **Email**.

INSTANT MESSAGES

To send and receive instant messages, you can use Google Talk™.

Find it: Apps ⊞ > 💬 **Talk**

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

VOICEMAIL

When you have a new voicemail, ⊙⊙ appears at the top of the screen. Drag down the status bar and touch the **New voicemail** notification to listen to your voicemail message.

If you need to change your voicemail number, in the home screen touch 📱 **Phone** > Menu ⋮ > **Settings** then select the SIM card and touch **Voicemail Settings**.

TEXT ENTRY

keys when you need them

TOUCHSCREEN KEYPAD

You can open a keypad on your screen by touching a text box.

Touch to open touchscreen keypad.

Shift

Voice Input/ Dictation

Delete

Space

Open a keypad for numbers & symbols.

Tip: To close the keypad without saving any text (for example, to select a different text box), touch Back ⬅.

INPUT METHODS

To select a text input method, touch and hold Space ⎵ to open the **Select input method** menu, then touch the method you want.

MOTOROLA INPUT

Enter text a letter at a time. As you type, your phone suggests words from your dictionary and chosen language. The phone also automatically enters apostrophes in some words, like "dont."

To add a word to your dictionary, touch the word, then select **+ add to dictionary**.

SWYPE™

Enter words with one continuous motion. Just drag your finger over the letters in the word.

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

Swype tips:

- To enter apostrophes in common words (like "I'll"), drag through the **n** as though it was an apostrophe.

- To enter other punctuation, numbers, or symbols, touch Symbols [+!=].

- To correct a word, *double-touch* it (tap twice, quickly). 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, you can still touch the letter keys to enter it. Swype remembers, so next time you can just drag over the letters.

TYPING TIPS

To...	
Enter **one capital** letter	Touch Shift [⇧].
Enter **only capital** letters	Touch and hold Shift [⇧]. Touch again to revert to lowercase.
Move the text entry cursor	Touch the text where you want the cursor to go.

To...	
Select text	Touch and hold or double-touch text to select it. Tabs mark the boundaries of the selected text. Drag the tabs to select the text you want.
Cut or **Copy** selected text	Touch icons at the top of the screen to **Cut** or **Copy** selected text. In a landscape display, touch **Edit** > **Cut** or **Copy**.
Paste cut or copied text at cursor location	Touch the **Paste** icon at the top of the screen. In a landscape display, touch **Edit** > **Paste**.
Delete character to left of cursor	Touch Delete [⌫] (hold to delete more).

TEXT INPUT SETTINGS

Find it: Menu ▤ > **System settings** > **Language & input**

- To change the language for your phone and touchscreen keypad, touch **Language**.

- To change the default text input method, touch **Default** under **KEYBOARD & INPUT METHODS**.

- To change text input settings, touch ▦ next to **Android keyboard** or **Swype**.

SOCIAL NETWORKING

my life, your life

BROWSER ACCESS TO SOCIAL SITES

You can use the ▦ **Browser** to track your social networking accounts on sites like Google+, Facebook®, Twitter, and LinkedIn. If you don't have accounts on these sites, visit their websites to set them up.

SYNC ACCOUNTS WITH YOUR PHONE

When you log in to a social networking account on your phone, you may be prompted to sync account contacts, pictures, and status with your ▦ **People** app. You can accept or decline to sync. You can change your sync settings at any time by touching Menu ⫶ > **Settings** in the social networking app.

TIPS & TRICKS

a few handy hints

GENERAL TIPS

- Screen brightness changes as your phone senses the current lighting conditions.
- To see recently dialed numbers, touch ⊞ **Phone** > ⏱.
- To sleep/wake your phone, press the Power key.
- To set screen timeout, touch Apps ⊞ > ⚙ **Settings** > **Display** > **Sleep**.
- To search, touch Search ⊠. To voice search, touch and hold Search ⊠.
- To automate everyday tasks, touch Apps ⊟ > ☰ **Smart Actions**.
- To change a shortcut in the favorites tray at the bottom of the home screen, touch and hold a shortcut, then drag it in or out of the favorites tray.
- To turn sound on/off, press and hold the Power key, then touch a sound setting.
- To turn airplane mode on/off, press and hold the Power key > **Airplane mode**.

BATTERY LIFE

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

To start getting the most out of your battery, touch Apps ⊞ > ⚙ **Settings** > **Battery**. This shows you what's using the most battery power.

To save even more battery life between charges, try these:

- To help minimize battery use, touch Apps ⊞ > **Battery Manager**.
- To help minimize battery use, touch Apps ⊞ > ☰ **Smart Actions**. Check out the sample rules that enable battery savings: **Nighttime Battery Saver**, and **Battery Extender**.
- Turn off background data transfers: Touch Apps ⊞ > ⚙ **Settings** > **Data usage** > Menu ⋮ > **Restrict background data**.
- Turn off Wi-Fi and Bluetooth™ power when not in use: Touch Apps ⊟ > ⚙ **Settings**, then touch the switch next to **Wi-Fi** or **Bluetooth** to turn them OFF.
- Reduce recording or watching videos, listening to music, or taking pictures.
- Remove widgets that stream information to your home screen, like news or weather.
- Reduce GPS use: Touch Apps ⊞ > ⚙ **Settings** > **Location services**, and uncheck **GPS satellites**.

- Reduce display brightness: Touch Apps ⊞ > ⚙ **Settings** > **Display** > **Brightness** > *(dimmer setting)*.

- Reduce display timeout delay: Touch Apps ⊞ > ⚙ **Settings** > **Display** > **Sleep** > *(shorter setting)*.

- Remove unused online accounts that you registered ("**MANAGE ACCOUNTS**" on page 36).

PHOTOS & VIDEOS

see it, capture it, share it!

QUICK START: CAMERA

Find it: Apps ⊞ > 📷 **Camera**

Tip: When the phone is locked, touch 🔒 and flick to 📷.

Capture photo or video.

See last photo or video.

Zoom in/out.

Adjust camera or camcorder settings.

Select camera or camcorder.
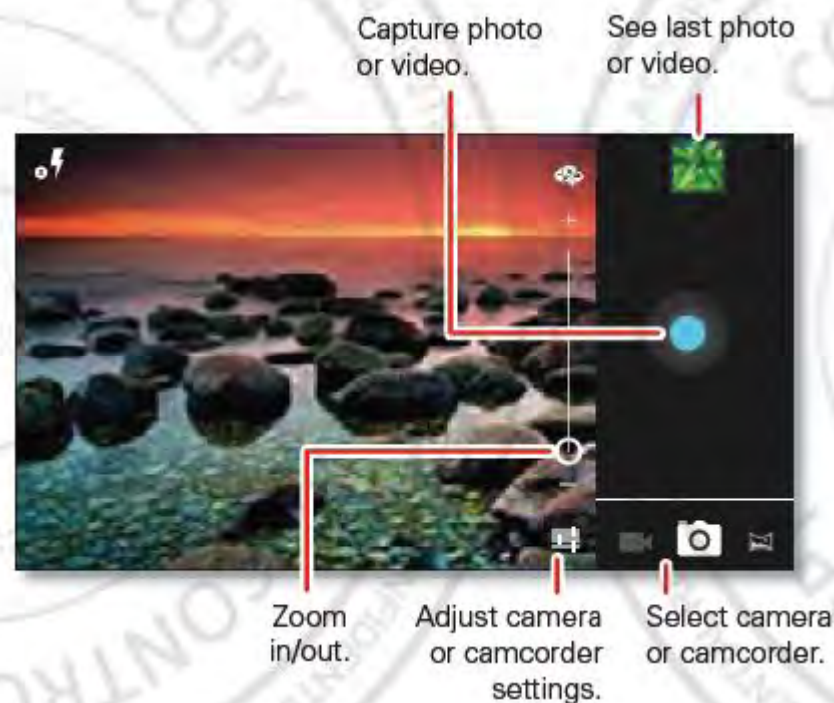
TAKE PHOTOS

Find it: Apps ⊞ > ◉ **Camera**

Touch ⬤ to **take** a photo.

Your phone stores the photo in the 🖼 **Gallery**, and shows a thumbnail image in the upper left corner. To **see** the photo, touch the thumbnail. Then:

- To **share** the photo in a message or post it online, touch ◂.
- To **delete** the photo, touch 🗑.
- To **set** the photo as a contact photo or wallpaper, **print**, **edit**, or do more with it, press Menu ☰.

CAMERA SETTINGS

Options	
⋮ **Settings**	• **Store Location** • **Picture size**
Color effect	Set a photo effect: **None**, **Sepia**, **Negative**, and more.
Scene mode	Set the type of photo you want to take: **Auto**, **Portrait**, **Landscape**, and more.
Exposure	Select an exposure setting.
White balance	Set the white balance you want: **Auto**, **Daylight**, **Cloudy**, and more.

Options	
Flash mode	Set to **On**, **Off**, or **Auto**.

RECORD VIDEOS

Find it: Apps ⊞ > ◉ **Camera**, then touch ▣◂ to switch to camcorder

Touch ⬤ to **start** and **stop** video recording.

Your phone stores the video in the 🖼 **Gallery**, and shows a thumbnail image in the upper left corner. To **see** the video, touch the thumbnail. Then:

- To **play** the video, touch ▶.

  Tip: To see the controls when a video is playing, touch the screen.

- To **share** the video in a message or post it online, touch ◂.
- To **delete** the video, touch 🗑.
- To see other video options, touch Menu ⋮.

CAMCORDER SETTINGS

Options	
⋮ Settings	• **Store location** • **Video encoder**
Video quality	Set your video quality: **High**, **Medium** or **Low**.
Time lapse interval	Set the interval time you want.
Color effect	Set a photo effect: **None**, **Sepia**, **Negative**, and more.
White balance	Set the white balance you want: **Auto**, **Daylight**, **Cloudy**, and more.
Flash mode	Set to **On** or **Off**.

EDIT, SHARE, OR DELETE PHOTOS & VIDEOS

Find it: Apps ⊞ > 🖼 **Gallery**

• **View, share, or delete:** Touch a thumbnail to open it, then touch 🔗 to share or Menu ≡ > **Delete** to delete. Touch Menu ≡ to edit or see other options.

   Tip: To select multiple files, open a folder, touch and hold a photo, then touch others.

• **Zoom:** Open a photo, then drag two fingers apart or together on the touchscreen.

Tip: Turn your phone sideways for a widescreen view.

• **Wallpaper or contact photo:** Open a picture, then touch Menu ≡ > **Set picture as**.

• **Edit:** Open a picture, then touch Menu ≡ > **Edit**.

• **Slideshow:** Open a folder, then touch ▶ at the top. To stop the slideshow, touch the display or Back ↰.

   Tip: To show the slideshow on a television or other device, touch 🖼.

To copy photos to/from a computer, go to "**MEMORY CARD & FILE MANAGEMENT**" on page 35.

MUSIC

when music is what you need...

Keep your music with you! Put music on your phone so you can listen and create playlists anytime.

QUICK START: MUSIC

From the home screen, touch Apps ⊞ > 🔘 **Music**, then choose a song to play it:

- Open Playlist
- Shuffle On/Off
- Repeat Off/All/Current
- Music Controls
- Total Song Time
- Progress Bar

- To adjust **volume**, use the volume keys.

- When a song is playing, you touch Menu ⋮ to add it to a **playlist** or use it as a **ringtone**.

  To edit, delete, or rename playlists, touch Apps ⊞ > **Music** touch the **Playlists** tab, then touch and hold the playlist name.

- To **hide** the player and use other apps, touch Home ⌂. Your music keeps playing. To return to the player, flick down the status bar and touch ▶.

  Tip: For quick music player controls, touch and hold an empty spot in your home screen, then choose **Widget** > **Music**.

- To **stop** the player, touch ❙❙.

- Before a **flight**, turn off network and wireless connections so that you can keep listening to music: Press and hold Power ⭕ > **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.

You can use your phone's 3.5mm OMTP headset jack to connect wired headphones, or go wireless with .

To listen to FM **radio** stations, Plug in a 3.5mm OMTP headset and touch Apps (≡) > **FM Radio**. Your phone uses the headset wire as the radio antenna.

MUSIC FILES

To get songs for your music player, you can download them from online services or copy them from your computer. Your music player can play these file formats: MP3, M4A, AAC, ACC+, MIDI, WAV, or OGG Vorbis.

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

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

To copy files **from your computer** to your phone, you can use "**USB CONNECTION**" on page 36 or "**BLUETOOTH™ HANDSFREE DEVICES**" on page 31.

To **save a CD** on your computer ("rip" the CD), you can use a program like Microsoft™ Windows™ Media Player. First, make sure you change the format to MP3 (under Rip > Format in Windows Media Player).

WEB

surf the web with your phone

QUICK START: BROWSER

Find it: 🔲 **Browser**

Tip: When the phone is locked, touch ⊙ and flick to 🔲.

See browser options.

View open browser tabs, or open a new tab.

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

Tip: To zoom in, drag two fingers apart on the touchscreen.

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.

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 30.

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

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 Apps ⊞ > ⬇ **Downloads**. Touch and hold an item to open it, see details, or remove it from the list.

You can download "**UPDATES**" on page 9.

BROWSER OPTIONS

Touch Menu ⋮ to see browser options:

Options	
Bookmarks	See your bookmarks.
Save to bookmarks	Bookmark the current web page.
Request desktop site	Open the standard desktop website instead of the mobile device version.
Refresh	Reload the current page.
Settings	Adjust browser settings.
Exit	Close the browser app.

PERSONALIZE

add your personal touch

WIDGETS

ADD WIDGETS

Fill your home screen with widgets—make it yours.

Touch Apps ⊞ > **Widgets**, touch and hold a widget, then drag it to a spot on a home screen page.

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:

- **Favorite People**: Quickly call, text, or email your favorite contacts. To add people to your Favorites list, see "FAVORITES" on page 14.

- **Calendar**: Sync your calendars and review upcoming events at a glance with the scrollable calendar widget. To add calendar events, see "CALENDAR" on page 33.

- **My Music**: Set this widget to an artist, album, song, playlist, genre, or just touch Menu ⁝ > **Shuffle all**. There's more about "MUSIC" on page 25.

- **Weather**: See weather reports for your current location, and for any other locations you specify.

SHORTCUTS

To add app shortcuts to the home screen, touch Apps ⊞, touch and hold an app, then drag it to a spot on a home screen page.

Tip: To change a shortcut in the favorites tray at the bottom of the home screen, touch and hold a shortcut, then drag it in or out of the favorites tray.

To create a folder of shortcuts on your home screen, touch and hold a shortcut, then drag it on top of another shortcut. To add more shortcuts, drag them onto the folder. To name the folder, touch it and enter a name at the bottom.

RINGTONES

- To personalize your ringtones, touch Apps ⊞ > ▣ **Settings** > **Sound** > **Phone ringtone** or **Default notification**.

- To make your phone ring and vibrate, touch Apps ⊞ > ▣ **Settings** > **Sound** > **Vibrate and ring**.

- To silence your smartphone and make it vibrate for incoming calls, touch the down volume key one or more times until the phone vibrates and you see ▯ in the status bar.

- To set a personal ringtone for a contact, touch Apps ⊞ > ▣ **People** > *contact* > Menu ⁝ > **Set ringtone**.

WALLPAPER

To apply a new wallpaper, touch and hold an empty spot on your home screen, then choose a wallpaper image from **Wallpapers**.

Tip: To improve battery life, use standard wallpapers with darker colors. Live wallpapers and wallpapers with bright colors use more battery power.

SOUNDS

- To set volume for media, ringtones, notifications, and alarms, touch Apps (⊞) > ⚙ **Settings** > **Sound** > **Volumes**.

- To play dial pad tones, touch Apps (⊞) > ⚙ **Settings** > **Sound** > **Dial pad touch tones**.

- To play sounds for screen selections, touch Apps (⊞) > ⚙ **Settings** > **Sound** > **Touch sounds**.

DISPLAY SETTINGS

- To set display brightness, touch Apps (⊞) > ⚙ **Settings** > **Display** > **Brightness**.

- To set orientation, touch Apps (⊞) > ⚙ **Settings** > **Display** > **Auto-rotate screen**.

- To set the font size for menus and settings, touch Apps (⊞) > ⚙ **Settings** > **Display** > **Font size**.

Tip: To improve battery life, reduce your display brightness. A brighter screen uses more battery power.

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 & input** > **Language**

WIRELESS

lose the wires

QUICK START: WIRELESS

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

To connect, touch Apps (▦) > 🔧 **Settings** > **Wi-Fi** or **Bluetooth**.

Turn Wi-Fi power on & off.

Connect to this network.

Connect to this device.

Turn Bluetooth power on & off.

WI-FI NETWORKS

TURN WI-FI POWER ON OR OFF

Touch Apps (▦) > 🔧 **Settings**, then touch the **Wi-Fi** power switch to turn it ☐ ON ☐ or ☐ OFF ☐.

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

WI-FI SEARCH & CONNECT

When Wi-Fi is **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 **off**:

1 Touch Apps (▦) > 🔧 **Settings** > **Wi-Fi**.

2 Touch the **Wi-Fi** power switch to turn it ☐ ON ☐ and scan. Your phone lists the networks it finds within range.

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

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

When your phone 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 MODES

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

WI-FI HOTSPOT

You can make your phone 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 phone as a Wi-Fi hotspot:

1 Touch Apps ⊞ > 🔅 **Settings** > **More** > **Tethering & portable hotspot** > **Portable Wi-Fi hotspot** to turn on the hotspot.

2 Touch **Configure Wi-Fi 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: **Open**, **WPA PSK**, or **WPA2 PSK**. Enter a unique password. Other users can access your Wi-Fi hotspot only if they enter the correct password.
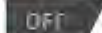
Note: Keep it secure. To protect your phone and hotspot from unauthorized access, it is strongly recommended that you set up hotspot **Security** (**WPA2** is the most secure), including password.

3 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 **Password**.

BLUETOOTH™ HANDSFREE DEVICES

TURN BLUETOOTH POWER ON OR OFF

Touch Apps ⊞ > 🔅 **Settings**, then touch the **Bluetooth** power switch to turn it ON or OFF.

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

CONNECT NEW BLUETOOTH DEVICES

Note: This feature requires an optional accessory.

To connect with a new Bluetooth headset or other 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 Bluetooth device you are pairing with is in discoverable mode.

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

2 Touch Apps (⊞) > ⚙ **Settings** > **Bluetooth**.

3 Touch the **Bluetooth** power switch to turn it [ON] and scan. If Bluetooth power is already on, touch **SEARCH 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 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 **AVAILABLE DEVICES** list.

DISCONNECT DEVICES

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

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

CHANGE DEVICE NAME

Touch Apps (⊞) > ⚙ **Settings** > **Bluetooth**, turn Bluetooth power on, then touch Menu ⋮ > **Rename phone**. Enter a name and touch **OK**.

TOOLS

stay on top of things

CALENDAR

Managing your schedule has never been easier. The calendar automatically shows calendar events from your web-based Google™ account, and syncs events that you enter from your phone or web browser.

Find it: Apps ⊞ > 📅 **Calendar**

Tip: When the phone is locked, touch 🔘 and flick to 📅.

You can view your calendar in different ways: Touch the date, then touch **Day, Week, Month,** or **Agenda**. When you highlight an event, more details appear.

Tip: To add a calendar widget to your home screen, touch Apps ⊞ > **Widgets**, touch and hold **Calendar**, then drag it to a spot on the home screen.

ADD CALENDAR EVENTS

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

Tip: Reminders will play only if you've selected a notification ringtone (see "**RINGTONES**" on page 28).

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 📇.

CALCULATOR

Find it: Apps ⊞ > ▦ **Calculator**

Tip: When the phone is locked, touch 🔘 and flick to ▦.

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: Apps ⊞ > ☑ **Alarms**

Tip: When the phone is locked, touch 🔘 and flick to ☑.

To set an alarm, touch **Set alarm**.

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

To add an alarm, touch ➕, then enter alarm details.

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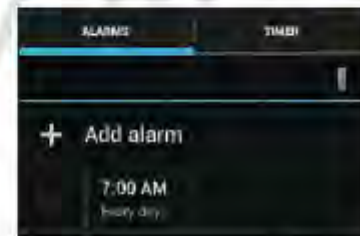
ACCESSIBILITY

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 Apps ⊞ > 🔲 **Voice Recorder**. 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 34.

CALLER ID

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

• **Ringtones:** Assign a unique ringtone to a contact—touch 🔲 **People**, touch a contact, then touch Menu ⋮ > **Set ringtone**.

VOLUME & VIBRATE

Choose volume and vibrate settings that work for you. Touch Apps ⊞ > 🔲 **Settings** > **Sound**:

• **Volume:** Touch **Volumes** and use the sliders.

• **Vibrate:** Touch **Vibrate and ring** to feel your phone ring.

ZOOM

Get a closer look. 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 Apps ⊞ > 🔲 **Settings** > **Display** > **Adjust brightness level**. 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 Apps ⊞ > 🔲 **Settings** > **Sound**:

• **Touchscreen:** To hear screen touches (click), select **Touch sounds**.

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

MANAGEMENT
stay in control

MEMORY CARD & FILE MANAGEMENT

Your photos, videos, and other files are automatically stored in your phone's internal memory. You can set individual applications (camera, camcorder, etc.) to store files on a microSD memory card. To install a microSD card, go to "**ASSEMBLE & CHARGE**" on page 3.

DELETE OR SHARE FILES ON YOUR PHONE

Find it: Apps ⊞ > ▄ **FileManager** > **Internal storage** or **SD card**

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

REMOVE OR ERASE A MICROSD CARD

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

Before you remove or erase a microSD card you need to unmount it. Touch Apps ⊞ > ⚙ **Settings** > **Storage** > **Unmount SD card**.

To erase a microSD card, touch Apps ⊞ > ⚙ **Settings** > **Storage** > **Erase SD card**.

Warning: All data on the microSD card will be deleted.

USB CONNECTION

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

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

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

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

2 Your phone and microSD memory card appear as two separate removable disks on your computer.

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

Note: You can't use files on the microSD card while your phone is connected to the computer.

MANAGE ACCOUNTS

To **add** email or other accounts on your smartphone, touch Apps ⊕ > ⚙ **Settings** > **Accounts & sync** > **ADD ACCOUNT**.

Add an account by touching it. Enter your user name and password, then follow the prompts to set up the account.

To **edit** an account, touch *account name* > **Account settings**.

To **delete** an account, touch *account name* > Menu ⋮ > **Remove account**.

Note: You can't delete the Google™ account you used or created when you set up your smartphone.

SMART ACTIONS

Tired of doing the same tasks over and over again? Let smart actions do them for you. You can create rules to do things, like automatically dim the touch screen when the battery is low, set your ringer to vibrate at work, and set a different wallpaper at home.

Find it: Apps ⊕ > ▤ **Smart Actions**

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

DATA USAGE

You can track the amount of data uploaded and downloaded by your phone, and set a limit on your monthly data usage to avoid overage charges from your service provider.

Note: Usage information is provided to help you manage your phone. This may not match the amounts charged by your service provider, as they're not measured in the same way.

Find it: Apps ⊞ > ⚙ **Settings** > **Data usage**

Turn on/off mobile data usage.

Activate mobile data limit.

Select data usage cycle.

Drag bars to set a data usage warning (orange) or limit (red).

Drag the white bars to see data usage for the specified time period.

Touch an app to see details & restrict background data.

The data usage app shows information and settings for data transferred over your service provider's mobile network.

Tip: You can also track Wi-Fi data usage in separate tabs, by touching Apps ⊞ > ⚙ **Settings** > **Data usage** > Menu ⋮ > **Show Wi-Fi usage**.

RESTRICT BACKGROUND DATA USAGE BY APP

Some apps transfer data in the background, when you're not using them. You can restrict background data usage for individual apps to help reduce your overall data usage.

Touch Apps ⊞ > ⚙ **Settings** > **Data usage**, and scroll down to see which apps are transferring data over the mobile network. Touch an app, then touch **Restrict background data**.

RESTRICT ALL BACKGROUND DATA

You can restrict background data for all apps across all available networks (mobile, Wi-Fi, and Ethernet).

Find it: Apps ⊞ > ⚙ **Settings** > **Data usage** > Menu ⋮ > **Restrict background data**.

Caution: Restricting all background data can cause some features to stop working altogether.

WIRELESS MANAGER

Find it: Apps ⊞ > ⚙ **Settings**, then go to the **WIRELESS & NETWORKS** section

Manage all your wireless connections: Wi-Fi, Bluetooth™, mobile data, airplane mode, and mobile hotspot.

AIRPLANE MODE

Use airplane mode to turn all your wireless connections off—useful when flying. Press and hold the Power key > **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 Apps ⊞ > ⚙ **Settings > More... > Mobile networks** to see network settings options.

SECURITY

help keep your phone safe

QUICK START: SECURITY

Find it: Apps ⊞ > ⚙ **Settings > Security**

Select & set up a screen lock method.

Enter text to appear on the lock screen.

Encrypt the data stored on your phone or microSD memory card.

SCREEN LOCK

You can make the touchscreen lock when it goes to sleep. Touch Apps ⊞ > ⚙ **Settings** > **Security** > **Screen lock**, then select the lock type:

- **None**: Turn off the screen lock.
- **Slide**: Flick 🔒 to the right to unlock.
- **Pattern**: Draw a pattern to unlock.
- **PIN**: Enter digits to unlock.
- **Password**: Enter letters, digits, or symbols to unlock.

PATTERN

To set the lock pattern, touch Apps ⊞ > ⚙ **Settings** > **Security** > **Screen lock** > **Pattern**.

Follow the instructions to draw your lock pattern.

When prompted, draw the pattern to unlock the phone.

Draw an unlock pattern
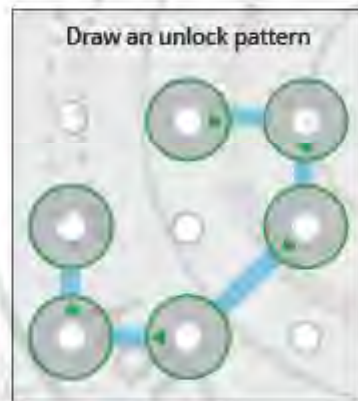
PIN

To set a PIN, touch Apps ⊞ > ⚙ **Settings** > **Security** > **Screen lock** > **PIN**.

Enter a numeric PIN, then confirm it.

When prompted, enter the PIN to unlock the phone.

PASSWORD

To set the password, touch Apps ⊞ > ⚙ **Settings** > **Security** > **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** > **Display** > **Sleep**. 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 your phone screen, do any one of these:

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

To unlock your phone screen, press the Power key to wake the touchscreen display, then perform the unlock procedure required by the lock screen (slide, face unlock, pattern, PIN, or password).

CAN'T UNLOCK YOUR PHONE?

Pattern, PIN, or password: If you forget your pattern, PIN, or password, contact your service provider.

SIM LOCK

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

To set a SIM card PIN that you must enter when you turn on your phone:

Find it: Apps (⊞) > ⚙ **Settings** > **Security** > **Set up SIM card lock** > **Lock SIM card**

To set your SIM PIN, enter a 4-digit code. To change your code, choose **Change SIM PIN**.

ENCRYPT YOUR PHONE

Caution: If you forget your encryption code, you cannot recover the data stored on your phone or microSD memory card. Encrypting your files can take an hour or more. Leave your phone plugged in, and be careful not to interrupt the process.

Encryption protects the accounts, settings, apps, and files on your phone, so that people cannot access them if your phone is stolen.

To encrypt your phone and require a PIN or password whenever you turn on your phone:

Find it: Apps (⊞) > ⚙ **Settings** > **Security** > **Encrypt phone**

RESET

To reset your phone to factory settings and erase all the data on your phone, touch Apps (⊞) > ⚙ **Settings** > **Ssytem reset** > **Factory data reset** > **Reset phone**.

Warning: All data on your phone will be deleted. (Nothing on the microSD 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 forced reboot—press and hold both the Power key and the down volume key for up to 10 seconds.

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).

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 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 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.
* To prevent possible hearing damage, do not listen at high volume levels for long periods.

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.

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.

Symbol	Definition
🗑	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.
⚠	Listening at full volume to music or voice through a headset may damage your hearing.

Radio Frequency (RF) Energy

Exposure to RF Energy

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

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

RF Energy Operational Precautions

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

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved accessory (e.g. clip, holder, holster, case or arm band). If you do not use a body-worn accessory supplied or approved by Motorola, ensure that whatever product is used is free of any metal and that it positions the mobile device at least 2.5 cm (1 inch) away from the body.

- Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our website at: www.motorola.com.

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: GSM 1900 MHz, WiFi, Bluetooth: 0.463 W/kg
Body: GSM 1900 MHz, WiFi, Bluetooth: 1.122 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: GSM 900 MHz, WiFi, Bluetooth: 0.652 W/kg
Body: GSM 900 MHz, WiFi, Bluetooth: 0.589 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.

* The tests are carried out in accordance with [CENELEC EN50360] [IEC standard PT62209-1].

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€0168

C€0168①   [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:

IMEI: 350034/40/394721/9

C€0168

Type: MC2-41H14 ——— 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 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.

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, 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.

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. 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 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.

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