Temporary Confidentiality Requested

Exhibit 8: Draft User's Manual -- 47 CFR 2.1033(b)(3)

The attached User's Manual is the final production-intended version of the generic Motorola International English User Manual. This guide will be adapted to carrier-specific versions[i], but the key information herein will be retained. Translations into other languages will also be done to support the needs of other markets. Minor revisions may be made to these manuals, prior to and subsequent to, placing this product onto the market. Selected portions of the User Guide can be found as indicated below:

8.1	**Safety and Regulatory Section:**	**Page 59**
8.2	**Specific Absorption Rate (SAR) Data:**	**Page 62**
8.3	**Guidance for use with Hearing Aids (Pursuant to 47 CFR 20.19(f)(1):**	**Page 21, 64**

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[i] Motorola Mobility attests that the User's Guide provided with product shipping into Canada will provide any required Industry Canada notices and/or statements in both English and French, per the requirements of RSS-Gen.

Motorola ←XFON→

pick a topic, get what you need

- At a glance
- Start
- Home screen & apps
- Control & customize
- Calls
- Contacts
- Messages
- Type
- Socialize
- Browse
- Photos & videos
- Music
- Books
- Locate
- Work
- Connect & transfer
- Protect
- Want More?
- Troubleshoot
- Safety
- Gmail™
- GOOGLE+™
- Top topics
- Search topics

AT A GLANCE

a quick look

At a glance
Your phone
Top topics

Your phone

Do you believe in love at first sight? Look at your ←Xfone_temp_name→. Maybe you do.

- **Beautiful, but made for real life:** With a display that goes all the way across and a curved body that feels good in your hand, it's still tough enough to resist drops, scratches, and splashes.
- **Won't run out of juice:** The efficient, long-lasting battery won't die on you just when you're updating your status or finally getting to your to-do list.

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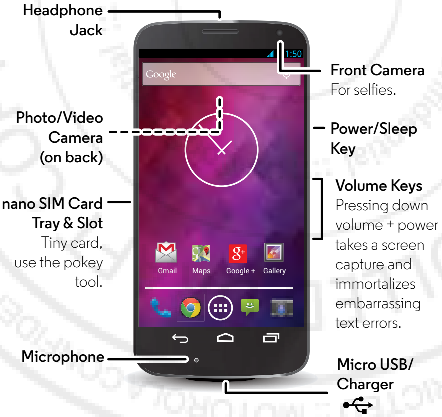
Headphone Jack
Photo/Video Camera (on back)
nano SIM Card Tray & Slot
Tiny card, use the pokey tool.
Microphone
Front Camera
For selfies.
Power/Sleep Key
Volume Keys
Pressing down volume + power takes a screen capture and immortalizes embarrassing text errors.
Micro USB/ Charger
Google
1:50
Gmail
Maps
Google +
Gallery

Tips & tricks

- **Start:** Nano SIM in, charge up, and register. See "**Start**".
- **Top topics:** Just want a quick list of what your phone can do? See "**Top topics**".
- **More:** All your questions about your new phone, right on your phone. Touch Apps ⊞ → ❓ **Moto Care**. Want even more? See "**Get more**"

This product meets the applicable limit for exposure to radio waves (known as SAR) of 1.6 W/kg (FCC & IC). 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.

Menu
More
Back
Next

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At a glance
  Your phone
  Top topics

Top topics

Check out what your phone can do.

- Personalize your phone: see “**Redecorate your home**”.
- Make a quick change: “**Quick settings**”.
- Go online: see “**Browse**”.
- Explore: see “**The best of Google™**”.
- Find apps: see “**Download apps**”.
- Be social: see “**Socialize**”.
- Find it yourself: see “**Locate & navigate**”.
- Take a photo: see “**Take photos**”.
- Connect to Wi-Fi: see “**Wi-Fi Networks**”.
- Watch a movie: see “**Movies & TV on Google Play**”.
- Protect your phone: see “**Screen lock**”.
- Watch interactive guided tutorials: see “**Moto Care**”.
- Get all the help you need: see “**Get more**”.

Tips & tricks

- **Intuitive:** To get started quickly, touch Apps ⠿ → ? **Moto Care** for interactive tutorials.

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Start
  Charge up
  Battery life
  Register
  The best of Google™
  Old phone to new phone

Charge up

Put your nano SIM in using the pokey tool. Then charge up and power up.

> **Caution:** Before using your phone, please read the safety, regulatory and legal information provided with your product.

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

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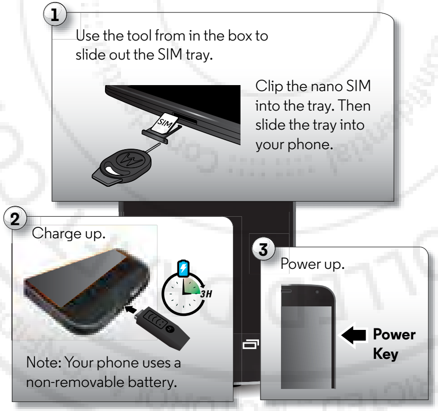
1 Use the tool from in the box to slide out the SIM tray.

Clip the nano SIM into the tray. Then slide the tray into your phone.

2 Charge up.

Note: Your phone uses a non-removable battery.

3 Power up.

Tips & tricks

- **SIM tray & tool:** The SIM tray is on the side of your phone. Press the key-like tool that came in your phone's box into the SIM tray to open it. Put your nano SIM into the tray. Push the tray back into the phone.
- **Power/Sleep Key:** To make the screen sleep or wake up, press the Power key. To turn your phone on or off, press and hold it.
- **Battery:** Squeeze every bit of juice out of your battery, see "**Battery life**".

Note: This product uses a non-removable battery. The battery should only be replaced by a Motorola-approved service facility. Any attempt to remove or replace your battery, unless performed by a service representative, may damage the product and void your warranty.

Start
  Charge up
  Battery life
  Register
  The best of Google™
  Old phone to new phone

Battery life

Your phone is like a small computer, giving you tons of information and apps, at 4G LTE speed. Depending on what you use, that can take a lot of power.

To see what's using up battery power, touch Apps → **Settings** → **Battery**. To set automatic rules to save power, touch Apps → **SMARTACTIONS**. See **“SMARTACTIONS™”**.

Tips & tricks

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

- recording or watching videos, listening to music, or taking pictures.
- widgets that stream information to your home screen, like news or weather.
- unused online accounts that you registered: Touch Apps → **Settings**. Under **ACCOUNTS**, touch the one you want to remove. Touch it again, then touch Menu ⋮ → **Remove account**.
- Wi-Fi and Bluetooth® use: Touch Apps → **Settings**, then touch the switch next to **Wi-Fi** or **Bluetooth** to turn them OFF when you don’t need them.
- GPS use: Touch Apps → **Settings** → **Location access**, and uncheck **GPS satellites**.
- display brightness: Touch Apps → **Settings** → **Display** → **Brightness** → (dimmer setting).
- display timeout delay: Touch Apps → **Settings** → **Display** → **Sleep** → (shorter setting).

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Start
  Charge up
  Battery life
  Register
  The best of Google™
  Old phone to new phone

Register

After you power up, log into your Google™ account (or make one) to access your Gmail™, calendar, and other apps. Registration is secure and only takes a few minutes.

Tip: To get your contacts, use the Migrate app in "**Old phone to new phone**". Or, visit **www.motorola.com/transfercontacts**.

Note: This phone supports apps and services that use a lot of data, so make sure your data plan meets your needs. Contact your service provider for details.

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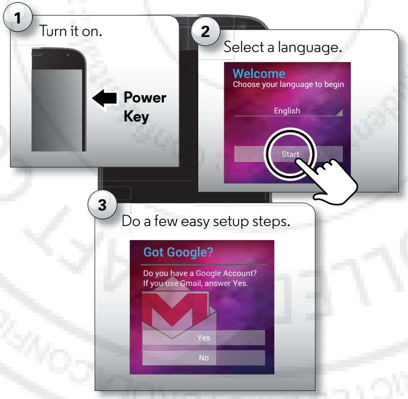

1
Turn it on.
Power Key
2
Select a language.
Welcome
Choose your language to begin
English
Start
3
Do a few easy setup steps.
Got Google?
Yes
No

Do you have a Google Account? If you use Gmail, answer Yes.

Tips & tricks

- **Wi-Fi network:** For faster Internet access, touch ▦ → ☰ → **Wi-Fi**.
- **Reboot:** In the unlikely event that your phone becomes unresponsive, try a forced reboot. Press and hold both the Power and Volume Down keys for about 15 seconds.
- **Accounts:** To add, edit, or delete accounts anytime, touch Apps ⠿ → **Settings** → **ACCOUNTS**. To set up email accounts, see "**Email**".

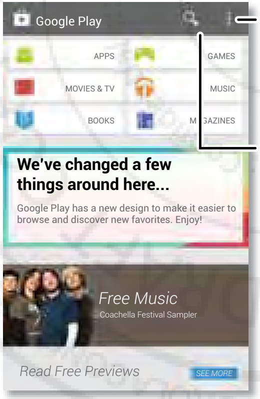
For help with your Google account, visit **www.google.com/accounts**.

Menu More
Back Next

Start
Charge up
Battery life
Register
The best of Google™
Old phone to new phone

The best of Google™

Your whole world, organized and accessible. Browse, locate, watch, shop, play, work...Google has you covered. One account, access everywhere—phone, tablet, computer.


Google Play
APPS
GAMES
MOVIES & TV
MUSIC
BOOKS
MAGAZINES
Free Music
Coachella Festival Sampler
Read Free Previews
SEE MORE

We've changed a few things around here...

Google Play has a new design to make it easier to browse and discover new favorites. Enjoy!

Change your settings, redeem a Google Play card, and more.

Search for the perfect app.

Tips & tricks

- Find more about **Google products:** See **www.google.com/about/products**.
- Log in or open a **Google account:** Visit **www.google.com/accounts**.
- **Google help:** See **www.google.com/support/.com**.
- **Download Google apps:** Touch **Play Store**.
- Access all of your files **in the cloud:** Check out **"Your cloud"**.

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Start
- Charge up
- Battery life
- Register
- The best of Google™
- Old phone to new phone

Old phone to new phone

Moving your settings, texts, contacts, and more from your old Android phone is quick and painless—we promise.

Download the Migrate app from Google Play™ Store on your old phone to get started. Then on your new phone, touch Apps ⠿ → **Migrate**.

Tip: If you didn't migrate right after setting up your new phone, you can always do it later.

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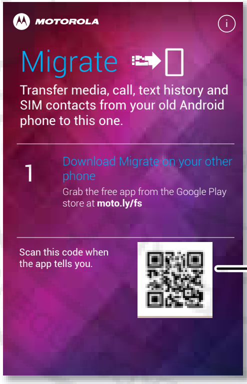

MOTOROLA

Migrate

Transfer media, call, text history and SIM contacts from your old Android phone to this one.

1 Download Migrate on your other phone

Grab the free app from the Google Play store at **moto.ly/fs**

Scan this code when the app tells you.

Never scanned one of these before? We'll talk you through it.

After you download the Migrate app on your old phone, use your old phone to scan this code on the screen of your new phone.

Home screen & apps
  Quick start: Home screen & apps
  Redecorate your home
  Moto Care
  Search
  Status & notifications
  Download apps
  Take Care of your apps
  Update your phone

Quick start: Home screen & apps

Start from the home screen, to explore apps and more.

- **Home screen:** You'll see the home screen when you turn on your phone or touch Home ⌂.
- **App & widget list:** To show all of your apps and widgets, touch Apps ⊞.
- **More**: To download more apps and widgets from Google Play Store, touch ▶ **Play Store**.

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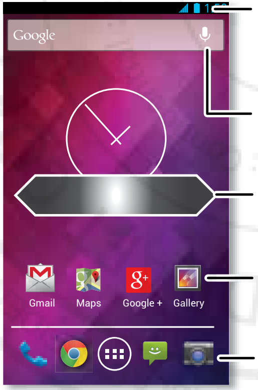

Swipe down to see settings and notifications.

Search by typing or speaking.

Flick left or right to see more panels.

Shortcuts
Touch to open.

Favorites
Touch ⊞ to see all your apps & widgets.

Tips & tricks

- **Pages:** To add or show other pages of shortcuts and widgets, flick the home screen left or right.
- **Settings:** To quickly open settings, flick the status bar down and touch ▦ → ☰.
- **Uninstall:** To uninstall apps, touch Apps ⊞, touch and hold an app, then drag it to **Uninstall** (if available).

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HOME SCREEN & APPS

Home screen & apps
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Redecorate your home

For quick access to your favorite things, customize your home screen the way you want.

- **Change wallpaper:** Touch and hold an empty spot on your home screen to choose your wallpaper.
- **Create shortcut groups:** You can group app shortcuts together on your home screen to organize them.

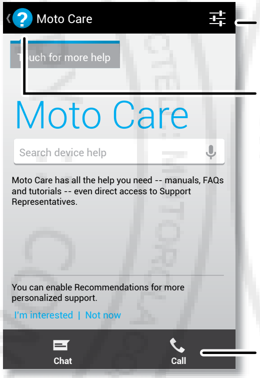
  To create a shortcut group on your home screen, drag one shortcut onto another. Add more shortcuts by dragging them onto the first shortcut. To name the group, touch it and enter a name below the apps.
- **Add widgets & shortcuts:** Touch Apps, touch and hold the app or widget, then drag it to one of your home screen pages. To see all your apps and widgets, flick the menu to the left, or touch **ALL APPS** or **WIDGETS** at the top.

  Tip: Some apps include widgets. To download apps, touch **Play Store**.
- **Resize widgets:** You can resize some widgets—touch and hold a widget until you feel a vibration, then release. Drag the blue circles at the edges to resize.
- **Move or delete widgets & shortcuts:** Touch and hold a widget or shortcut until you feel a vibration, then drag it to another spot, another page, or **Remove** at the top of the screen.
- **Ringtones and more:** For more about customizing, see **"Control & customize"**.

Moto Care

How do you do it? Watch a tutorial. Read a how-to. Talk to someone. Find out anything about your phone.

Find it: Apps → **Moto Care**.



Moto Care has all the help you need -- manuals, FAQs and tutorials -- even direct access to Support Representatives.

You can enable Recommendations for more personalized support.

Let us suggest a few changes for you.

Watch tutorials, read how-tos, and more.

Need a real-live actual human? Chat, or call us.

Search

At the top of the home screen, touch the Google search widget for a text search, or touch 🎤 for voice search.

As you type, suggestions appear below the search field:

- To search for a suggestion, touch it.

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HOME SCREEN & APPS

Home screen & apps
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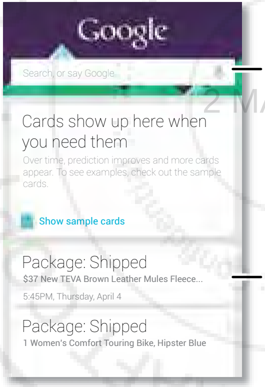
Take Care of your apps
Update your phone

- To search for text in the search field, touch 🔍 on the keypad.

Google Now™

What's around you? Find out. Current traffic, weather, your appointments. Real things you need to know.

To get started, touch and hold Home ⌂, and then flick up to the Google icon Ⓖ.



Google

Search, or say Google

Cards show up here when you need them

Over time, prediction improves and more cards appear. To see examples, check out the sample cards.

Show sample cards

Package: Shipped
$37 New TEVA Brown Leather Mules Fleece...
5:45PM, Thursday, April 4

Package: Shipped
1 Women's Comfort Touring Bike, Hipster Blue

Touch to start a voice search.

Stuff that's important to you shows up here.

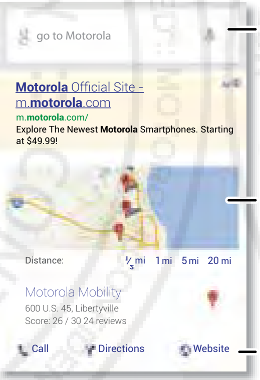
To turn Google Now on/off, set your preferences, or learn more, touch the Google search widget on your home screen, close the keypad, and then touch Menu ⋮ → **Settings** → **Google Now**.

Open Mic

Talk, don't touch. Tell your phone what you want without having to touch it, even if it's asleep on the table. Get directions to the coffee shop using Google voice search, check voicemail, play your favorite song.

Start by saying, "Hello, Moto."

Find it: Touch Apps ⊞ → **Settings** → **Open Mic**.



go to Motorola

Motorola Official Site - m.**motorola**.com
m.**motorola**.com/
Explore The Newest **Motorola** Smartphones. Starting at $49.99!

Distance: ½ mi 1 mi 5 mi 20 mi

Motorola Mobility
600 U.S. 45, Libertyville
Score: 26 / 30 24 reviews

Call Directions Website

Touch to start a voice search.

If you're looking for a place, you may see a map.

Call, get directions, or visit the website.

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Home screen & apps
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  Search
  Status & notifications
  Download apps
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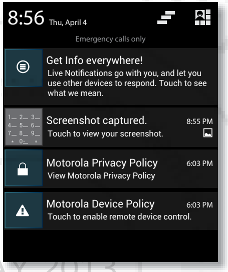
  Update your phone

Status & notifications

At the top of the screen, icons on the left notify you about new messages or events (flick the bar down for details).

Tip: Touch → to show Settings.

Icons on the right tell you about phone status:



8:56 Thu, April 4

Emergency calls only

Get Info everywhere!
Live Notifications go with you, and let you use other devices to respond. Touch to see what we mean.

Screenshot captured. 8:55 PM
Touch to view your screenshot.

Motorola Privacy Policy 6:03 PM
View Motorola Privacy Policy

Motorola Device Policy 6:03 PM
Touch to enable remote device control.

network strength (= 4G LTE network)	/ battery charging/full
/ Wi-Fi in range/connected	silent
/ Bluetooth® on/connected	vibrate
GPS active	alarm set
airplane mode	warning

Network and Wi-Fi icons turn blue when your phone exchanges data with your Google account.

Note: Apps you download from Google Play Store might show other icons in the status bar to alert you to specific events.

Live notifications

Your phone is still working, even when it's sleeping. It can show you a sneak peek of your notifications on a locked screen or send your text messages and other info to your computer.

Find it: Apps → **Settings** → **Live notifications**

Tip: If that's not your style, touch **More privacy** to keep it all hidden.

Download apps

Google Play™

Google Play is a new entertainment hub full of music, movies, books, apps, and games. You can instantly access your content from all your Android devices.

Find it: **Play Store**

- **Find:** To search, touch in the top right.
- **Review:** To show details and reviews for an app you found, just touch it.

  Tip: For the full list of reviews, touch **See all** below the third review, then touch **Most helpful first** or **Options** to customize the list.
- **Download:** To download an app you found, touch it to open details and then touch **Download**, or the price.
- **Share:** To share an app you found, touch it to open details and then touch .
- **Reinstall:** To show or reinstall apps you downloaded from the Google Play Store app, touch Menu → **My Apps**.

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- **Use a computer:** To find and manage apps from any computer, go to **http://play.google.com** using your Google account and password.

  There, you can browse apps on the big screen, manage your apps across multiple devices (like a phone and tablet), and even set new apps to download to your devices.
- **Enjoy music, books & movies:** You can also use the Google Play Store app to download "**Music on Google Play™**", "**Books on Google Play™**", and "**Movies & TV on Google Play**".
- **Get help:** To get help and more, touch Menu ⋮ in the top right.

Apps from the web

You can get apps from online app stores using your browser.

Tip: Choose your apps and updates carefully, as some may impact your phone's performance—see "**Choose carefully**".

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

To let your phone install apps that are not from Google Play, touch Apps ⁝⁝⁝ → **Settings** → **Security** and check **Unknown sources**.

To download files from your browser, see "**Downloads**".

Choose carefully

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

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

Take Care of your apps

From your home screen, touch Apps ⁝⁝⁝, then flick left to scroll through apps. To close the apps screen, touch Home ⌂ or Back ↩.

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- **Uninstall apps:** Touch Apps ⊞ → **Settings** → **Apps** → **ALL**, touch an app, then touch **Disable** or **Uninstall** in the top right (if available).

  Disable removes the app from your menu. To **Enable** it, reopen this window and touch **Enable** (disabled apps are at the bottom of the list).

  If an app locks up your phone as soon as you turn it on, restart in Safe Mode: Turn off your phone, then turn it back on—when you see the "Motorola" logo during power-up, press and hold both volume keys until you see the home screen, with **Safe Mode** in the lower left. Then, try removing the app.
- **Reinstall apps:** To reinstall apps from the Google Play Store, touch Apps ⊞ → **Play Store** → ⋮ → **My apps**. The apps you downloaded are listed and available for download.
- **Share, show, or clear app details:** Touch Apps ⊞ → **Settings** → **Apps**. A bar at the bottom tells you how much app storage space you have left. At the top, touch the list of **DOWNLOADED**, **RUNNING**, or **ALL** apps, then touch an app in the list to show its details and storage usage. You can touch **Share**, **Clear data** or other options.

  Tip: To quickly show these app details from your app screen: Just touch and hold an app, drag it to **App info**.
- **Show app data usage:** To show which apps are using the most data, touch Apps ⊞ → **Settings** → **Data usage**. For more, see "**Data use**".

Update your phone

Use your phone or computer to check, download, and install phone software updates:

- Using your phone:

  If your phone notifies you about an update, follow the instructions to download and install it.

  To manually check for updates, touch Apps ⊞ → **Settings** → **About phone** → **System updates**.

  Your phone downloads updates over your Wi-Fi connection (if available) or mobile network. We recommend that you download updates when you have a Wi-Fi connection. Remember, these updates can be quite large (25MB or more) and may not be available in all countries. If the mobile network updates are not available in your country, update using a computer.
- Using your computer:

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

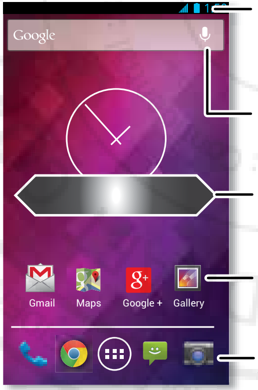
Control & customize
- Quick start: Control & customize
- On, off, lock & unlock
- Touch
- Press
- Speak
- Customize
- Quick settings
- SMARTACTIONS™
- Accessibility

Quick start: Control & customize

Take control of your phone:

- **Touch:** It's all in the touch. Simple gestures and touch keys to move about.
- **Search:** Type text in the Google search box at the top of your home screen, or touch 🎤 to search by voice.
- **Customize:** Change notifications and more—flick the status bar down and touch 👤. Touch ☰ for more settings.

2 MAY 2013



Swipe down to see settings and notifications.

Search by typing or speaking.

Flick left or right to see more panels.

Shortcuts
Touch to open.

Favorites
Touch ⠿ to see all your apps & widgets.

Tips & tricks

- **Touch:** Choose an icon or option.
- **Touch & hold:** Move items on the home screen, or open options for items in lists (like **People**).
- **Drag or flick:** Scroll slowly (drag) or quickly (flick).
- **Pinch or double-tap:** Zoom in and out on websites, photos, and maps.
- **Twist:** Twist a map with two fingers to rotate it, and pull two fingers down to tilt it.
- **Speak:** You can touch 🎤 in a search window or 🎤 in a keypad, or touch Apps ⠿ → 🎤 **Voice Commands**.
- **Ringtone for a contact:** To set a ringtone for a contact, touch 👤 **People**, touch the contact, then touch Menu ⋮ → **Set ringtone**.
- **Quick settings:** To change **Wi-Fi**, **Bluetooth**, **GPS**, **Airplane mode**, and other settings, flick the status bar down. For even more settings, touch 👤 → ☰.
- **Home screen:** For more about changing your home screen, see "**Redecorate your home**".

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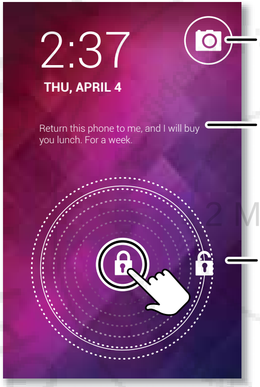
Control & customize
Quick start: Control & customize
On, off, lock & unlock
Touch
Press
Speak
Customize
Quick settings
SMARTACTIONS™
Accessibility

On, off, lock & unlock

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



2:37

THU, APRIL 4

Return this phone to me, and I will buy you lunch. For a week.

Touch here to open your camera fast.

Add your owner info or a message for anyone who finds your phone.

Drag the lock to the outer circle to unlock your screen.

- **Screen off & on:** Press the Power key to turn the screen off & on.

  Note: During a call, your touchscreen might stay dark if the sensor just above the top of the screen is covered. Don't use covers or screen protectors (even clear ones) that cover this sensor.
- **Screen lock:** To unlock the screen, touch 🔒 and flick to the outer circle that appears. To add a password, use facial recognition security or an NFC (near field communication) accessory to unlock your screen, touch Apps ⊞ → **Settings** → **Security** → **Screen lock**. See "**Screen lock**".
- **Owner info:** To add a message to your lock screen in case you lose your phone, touch Apps ⊞ → **Settings** → **Security** → **Ownwer info**. Just don't put your mobile number on there unless you can access your voicemail from another device.
- **Screen timeout:** To change your timeout (screen locks automatically), touch Apps ⊞ → **Settings** → **Display** → **Sleep**.
- **Lock screen messages:** To change the notifications your sleeping phone flashes, touch Apps ⊞ → **Settings** → **Live notifications**. See "**Live notifications**".

Touch

Find your way around:

- **Back:** Touch Back ↩ to go to the previous screen.
- **Home:** Touch Home ⌂ to return to the home screen.
- **Recent apps:** Touch Recent ▭ to show your recent apps, and touch an app to reopen it. To remove an app from the list, flick it left or right. To scroll the list, flick up or down.
- **Menu:** When Menu ⋮ appears in the corner of the screen, you can touch it to open options for the current screen.

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

Menu
More
Back
Next

Control & customize
  Quick start: Control & customize
  On, off, lock & unlock
  Touch
  Press
  Speak
  Customize
  Quick settings
  SMARTACTIONS™
  Accessibility

Menu More
Back Next

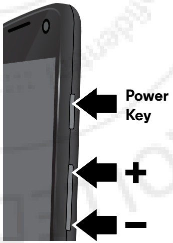
- To **open** a text message, see contact details, or open items in a list, touch the message, contact, or item.
- To **show options** for a list item (if available), touch and hold the item.
- To **show a menu** for the current screen, touch Menu ⋮ in the corner of the screen (if available).
- To **return home** to the home screen, touch Home ⌂.
- To **go back** just one screen, touch Back ↩.
- To **reopen** an app you closed, touch Recent ▭ and touch the app in the list.
- To **reboot** an unresponsive phone, press and hold both Power and Volume Down keys for about 15 seconds.

Press

Power key

Press and hold the Power key to choose **Power off**, **Airplane mode**, vibrate, or silent.

To conserve 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.



Tip: To add more security to your phone, see “**Protect**”.

Volume keys

Your volume keys help in a few ways:

- **Ringer volume:** Press the keys in the home screen, or press them when your phone is ringing to silence it.
- **Earpiece volume:** Press the keys during a call.
- **Music/video volume:** Press the keys during a song or video.

Speak

Just tell your phone what you’d like:

Tip: Speak naturally but clearly, like using a speakerphone.

- **Dialing and commands:** Touch 🎙. To dial, say “Call” and then a contact name or phone number. Or, say a command like “Send Text,” “Go to” an app, or “Help” for voice command help.

  To choose the confirmations and prompts you want to hear, touch 🎙 → ⋮ → **Settings** → **Voice**.

  To set up your phone to start listening to you when you say, “Hello, Moto,” see “**Open Mic**”.
- **Search:** Enter text in the Google search widget at the top of your home screen, or touch 🎙 to search by voice.

  To change your voice search and text-to-speech settings, touch Apps ⊞ → **Settings** → **Language & input**.
- **Text entry:** On a touchscreen keyboard, touch 🎙, then speak your message. You can also speak punctuation.

Tip: To make your phone read out loud, see “**TalkBack**”.

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Customize

Customize your phone’s sounds and appearance:

- **Ringtone and notifications:** To choose ringtones or notifications, touch Apps → **Settings** → **Sound**.
- **Vibrate or silent:** To choose whether your phone vibrates for incoming calls, touch Apps → **Settings** → **Sound**. Check **Vibrate when ringing** to make it vibrate.
- **Ringtone for a contact:** To set a ringtone for a contact, touch **People**, touch the contact, then touch Menu ⋮ → **Set ringtone**.
- **Volume:** To set volume, just press the volume keys in the home screen (ringtone volume), during a call (earpiece volume), or while playing music or a video (media volume).
- **Message alert:** To change your new message notification, touch Apps → **Messaging** → Menu ⋮ → **Messaging Settings**, then choose **Notifications**.
- **Display settings:** To change brightness and other display settings, touch Apps → **Settings** → **Display**.
- **Rotate:** In many apps, the touchscreen switches from portrait to landscape when you rotate your phone. To turn this on or off, touch Apps → **Settings** → **Display** → **Auto-rotate screen**.
- **Home screen:** To change your wallpaper, touch and hold an empty spot on your home screen. For more, see **“Redecorate your home”**.
- **Language and region:** To set your menu language, touch Apps → **Settings** → **Language & input** → **Language**.

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Control & customize
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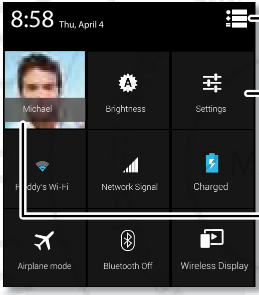
Quick settings

To change **Wi-Fi**, **Bluetooth**, **GPS**, **Airplane mode**, and other settings, flick the status bar down. For even more settings, touch ▦ → ☰.



8:58 Thu, April 4
Michael
Brightness
Settings
F ddy's Wi-Fi
Network Signal
Charged
Airplane mode
Bluetooth Off
Wireless Display

Go back to notifications.

See all of your settings.

Set your owner profile.

Tip: To set up your owner profile, touch Apps ⊞ → **People** → **Set up my profile**.

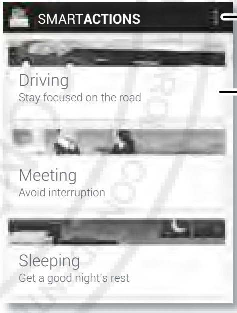
SMARTACTIONS™

Wish your phone could automatically reply to texts when you're driving, silence your ringer during meetings, and conserve your battery when it runs low? It can.

SMARTACTIONS suggests actions to automate based on how you use your phone. When you see a suggestion in the status bar, flick the bar down to accept or delete it.

Find it: Touch Apps ⊞ → **SMARTACTIONS**.

- To choose an action, touch one to get started.
- To give feedback about this app, touch ⋮ → **Contact**.



SMARTACTIONS
Driving
Stay focused on the road
Meeting
Avoid interruption
Sleeping
Get a good night's rest

Pick your categories.

Touch a category to get started.

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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

Just tell your phone what you'd like to do—dial, browse, search, send a message, and a whole range of other actions and commands. Touch 🎤 on the Google search bar. For more, see "**Speak**" and also "**Open Mic**".

TalkBack

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

To turn on **TalkBack**, touch Apps → **Settings** → **Accessibility** → **TalkBack**, then touch OFF at the top to turn it to ON.

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

To use **TalkBack**:

- **Menus and screens:** Touch an item in a menu or screen—your phone speaks the name.
- **Dialer & text entry:** Start typing, and your phone speaks each number or letter.
- **Notifications:** Flick the status bar down. Your phone speaks all of the notifications.
- **Books & more:** Open a book, file, message, and more—it's read out loud (app dependent).

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

Take **TalkBack** to the next level. See "**Explore by touch**".

Explore by touch

Use **Explore by touch** to expand **TalkBack**, and have your touches read out loud as you move your finger around the screen.

To turn on **Explore by touch**, turn on **TalkBack** then touch Apps → **Settings** → **Accessibility** → **Explore by touch**, then touch OFF at the top to turn it to ON.

Explore by touch changes some touch gestures slightly so that the location of your touches can be read out loud. Just follow the handy tutorial to learn more.

Caller ID

When you want to hear who's calling, assign a unique ringtone to a contact. Touch **People**, touch the contact, then touch Menu ⋮ → **Set ringtone**.

Volume & vibrate

Find it: Apps → **Settings** → **Sound** → **Volumes** or **Vibrate when ringing**

- **Volumes**: Set different volumes for your music or videos, ringtone, text or email notifications, and alarms.
- **Vibrate and ring**: Set your phone to vibrate for incoming calls (even if the ringer is silent).

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Zoom

Get a closer look.

- **Pinch to zoom:** Pinch to zoom in and on web pages and photos: To zoom in, touch the screen with two fingers and then drag them apart. To zoom out, drag your fingers together.

  Tip: To zoom in, you can also double-tap.
- **Big text:** Show bigger text throughout your phone: touch Apps ⊞ → **Settings** → **Accessibility** → **Large text**.
- **Browser:** Choose zoom, text size and other accessibility settings for your browser: touch **Chrome** → Menu ⋮ → **Settings** → **Accessibility**.

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Display brightness

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

Find it: Apps ⊞ → **Settings** → **Display** → **Brightness**

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

Touchscreen & keys

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

- **Touchscreen:** To hear screen touches (clicks), select **Touch sounds**.
- **Keys:** To feel screen keyboard touches (vibrate), select **Vibrate on touch**.
- **Screen lock:** To hear when you lock or unlock the screen (click), select **Screen lock sound**.

Messages

To make text entry even easier, use features like auto-complete, auto-correct, and auto-punctuate—touch Apps ⊞ → **Settings** → **Language & input**, then touch ⚙ next to a keyboard type. Of course if you don't want to type at all, then use your voice—touch 🎤 on the touchscreen keyboard.

Hearing aids

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

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

- **Settings:** Touch ☎ **Phone** → Menu ⋮ → **Settings** → **Hearing aids**.
- **Call volume:** During a call, press the side volume keys to set a call volume that works for you.

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Control & customize
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  SMARTACTIONS™
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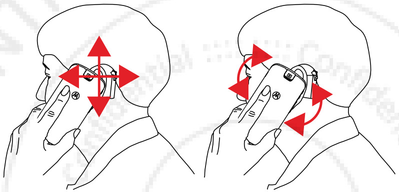
- **Position:** During a call, hold the phone to your ear as normal, and then rotate/move it to get the best position for speaking and listening.



TTY

2 MAY 2013

You can use your phone in TTY mode with standard teletype machines. Touch **Phone** → Menu ⋮ → **Settings** → **TTY mode** and select the mode you need:

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

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

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

Apps

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

Find it: Apps → **Play Store**

CALLS

when you need to talk

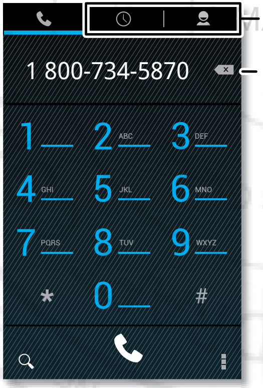
Calls
- **Quick start: Calls**
- **Make, answer & end calls**
- **Recent calls**
- **Favorites**
- **3-way calls**
- **Your phone number**
- **Emergency calls**
- **Cool down**

Quick start: Calls

Dial numbers, recent calls, or contacts, all from one app.

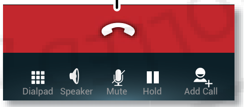
Find it: **Phone**

To make a call, enter a number then touch ☎ to call it, or flick left to access to your previous calls and contacts.


Recent Calls & People
1 800-734-5870
Delete numbers you entered.
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
*
0
#

- Search People
- Call
- Call Options

During a call:


Hang up.
Dialpad
Speaker
Mute
Hold
Add Call

- Dialpad
- Speaker
- Mute
- Hold
- Add Call

Tips & tricks

- **During a call:** Your touchscreen goes dark to avoid accidental touches. To wake it up, move it away from your face or press the Power key.
- **Multi-task:** Touch Home ⌂ to hide the call display and look up a phone number, address, or open other apps during a call. To reopen the call display, flick down the status bar and touch **Current call**.
- **People:** To search your **People**, touch 🔍.
- **Voicemail:** ⚭ appears in the status bar when you have new voicemail. To hear it, touch **Phone**, then touch and hold **1**.

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Make, answer & end calls

When you make or answer a call, you have options:

- **Make a call:** Touch ☎ **Phone**, enter a number, then touch ☎.

  To enter the international dialing code (+), touch and hold 0+. To add a pause or wait after numbers, touch Menu ⋮.

- **Answer a call:** Touch ☎ and flick to ●.

  With call waiting on, touch ☎ and flick to ● to answer the new call, then touch **Hold current call + Answer** or **End current call + Answer**.

- **Ignore a call:** Touch ☎ and flick to ●. You can also press the Power key to ignore the call, or press a volume key to silence the ring.

- **End a call:** Touch ☎.

- **During a call:** Touch icons at the bottom of the call display to mute or hold the call. To hide the call display, touch Home ⌂. To reopen it, flick down the status bar and touch **Current call**.

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

  During a call, your touchscreen might stay dark if the sensor just above the screen is covered. Don't use covers or screen protectors (even clear ones) that cover this sensor.

Recent calls

View your calls (with newest first), to call, text, or store them:

Find it: ☎ **Phone** → **RECENT**

- To call a number, touch ☎ on the right.
- To send a text message, store the number, or other options, touch an entry.
- To search the list, touch 🔍 at the bottom.
- 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 ⋮.

3-way calls

During a call, you can start another call, switch between them, or join them in a 3-way call:

- To answer a second call, touch ☎ and flick to ●. To ignore it, touch ☎ and flick to ●.

  The first call goes on hold if you answer the second call. To switch between calls, touch ⟳.

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Calls
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- To dial a second call, touch 👤+, enter a number or select a number from recent calls or contacts, then touch ☎.

  The first call goes on hold when you touch ☎. To join the calls after the second call answers, touch ⤙.

Your phone number

Find it: Apps ⠿ → **Settings** → **About phone** → **Status** → **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** or touch Menu ⋮ → **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. See "Location Services" in your legal and safety information.

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.

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Contacts
- Quick start: Contacts
- Create contacts
- Call, text, or email contacts
- Favorite contacts
- Edit, delete, or hide contacts
- Get contacts
- Share contacts
- Groups

Menu
More
Back
Next

Quick start: Contacts

Combine information from your Google contacts and social networks for quick access to everyone you know.

Find it: **People**

- **Create:** Touch 👤+ at the bottom of the screen.
- **Edit or delete:** Touch a contact, then touch Menu ⋮ → **Edit** or **Delete**.
- **Call, text, or email:** Touch a contact, then touch an option.

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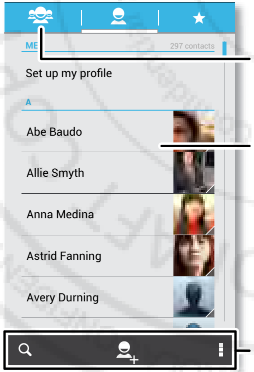

Create & view groups of contacts.

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

🔍 Search your contacts.
👤+ Add a contact.
⋮ Sort contacts, change settings, accounts, & more.

Tips & tricks

- **Groups:** To show or create a group of contacts, touch 👥, then touch the group or 👥+ at the bottom of the screen.
- **Search contacts:** From the home screen, just touch the Google search widget and enter a contact's name. In the **People** list, touch 🔍.
- **Send contacts:** Touch a contact, then touch Menu ⋮ → **Share** to send a contact's details in a message or over a Bluetooth® connection.
- **Shortcuts:** Touch Apps ⊞, touch **WIDGETS** at the top, then touch and hold the **Contact** widget. Drag it to your home screen, then select the contact you want to make a shortcut for.
- **Synchronize:** On your computer, upload contacts to your Google™ account at **www.google.com/contacts.** On your phone, touch Apps ⊞ → **Settings**. Under **ACCOUNTS**, choose your Google account, then touch your account name to sync it if it has not recently been updated. You can also see these contacts at **www.gmail.com**.

For help with transferring contacts, see "**Old phone to new phone**" or go to **www.motorola.com/TransferContacts.**

CONTACTS

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Create contacts

Find it: **People** → 👤

Touch a text box to type the name and details. When you're finished, touch ✓ **DONE** at the top.

Note: To import contacts or change where they're stored, see "**Get contacts**".

Call, text, or email contacts

Find it: **People**

Touch a contact to see more options. Depending on the information you have for that person, you can call, text, or send email. You can also use "**Voice recognition**".

Favorite contacts

To see your favorite contacts, touch **People** → ★.

To tag a favorite, in your contact names list, touch a contact to open it, then touch ★ next to their name.

Edit, delete, or hide contacts

Find it: **People**

- To edit a contact, touch it, then touch Menu ⋮ → **Edit**. Then, touch a field to edit it.
- To set a special ringtone for the contact, touch it, then touch Menu ⋮ → **Set ringtone**.
- To delete the contact, touch it, then touch Menu ⋮ → **Delete**.

  Contacts from social networks will become hidden if you select **Delete**. To view these contacts, or delete them permanently, use the social network's app or website.
- To hide the contacts from an account or group in your **People** list, touch Menu ⋮ → **Contacts to display**. Touch an account type, or touch **Customize** to uncheck groups you always want to hide.

Get contacts

- To add your social networking contacts, add your account in "**Socialize**".
- To add your email contacts, see "**Email**".

  Tip: If you add a **Corporate Sync** account, you can send messages to your coworkers, even if you don't have them stored in your contacts.
- To import contacts from your SIM card (if that didn't happen automatically): Touch **People** → Menu ⋮ → **Import/Export** → **Import contacts from SIM card**. Touch **OK** to confirm.
- To import contacts from your computer, upload the contacts to your Google account at **http://contacts.google.com**. On your phone, touch **People** → Menu ⋮ → **Accounts** → **Auto-sync app data**. You can also see these contacts at **http://mail.google.com**.

For help with transferring contacts, go to **www.motorola.com/TransferContacts**.

Contacts
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  Edit, delete, or hide contacts
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  Share contacts
  Groups

Share contacts

Send a contact with a Bluetooth connection, text message, or email:

Find it: **People**

To send a contact, touch it, then touch Menu ⋮ → **Share** and choose how you want to send it.

Note: You can't send your social network contacts.

Groups

Create groups of **Contacts** (like "friends," "family," or "work"), then find contacts faster by showing one group.

To create or show a group, touch , then touch at the bottom of the screen.

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Messages
  Quick start: Messages
  Read, reply, forward & delete text messages
  Email
  Chat
  Wireless Emergency Alerts

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Quick start: Messages

Stay in touch with messages and pictures.

Find it: Apps ⊞ → **Messaging**

- **Create:** Touch ✎ at the bottom of the screen.
- **Attach:** When you're typing a message, touch 📎 to attach a picture, video, or other file.

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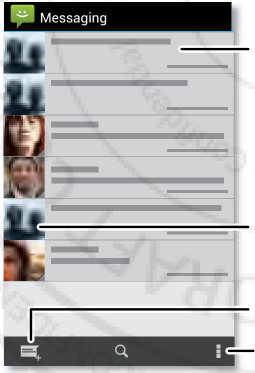

Touch a conversation to open it, or touch and hold to delete it.

Touch a sender's picture to add them to your contacts.

Create a message.

Change notifications and see other options.

Tips & tricks

- **Forward, or save attachments:** Open a conversation, touch and hold a message for more options, such as copying the text. Touch and hold a picture to save it in your gallery.
- **Voice entry:** Just touch a text box, then touch 🎤 on the touchscreen keyboard.
- **Reply to all in text messages:** When you send a text message to multiple people, you can let everyone see the other recipients and reply to all, or hide the other recipients so that replies only go to you. To change this, touch Apps ⊞ → **Messaging** → Menu ⋮ → **Settings** → **Group messaging**.
- **Text your best friend:** Use a widget to text your favorite contact quickly: Touch Apps ⊞, touch **WIDGETS** at the top, touch and hold **Direct message** to drag it to your home screen, then choose a contact.

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Messages
- **Quick start: Messages**
- **Read, reply, forward & delete text messages**
- **Email**
- **Chat**
- **Wireless Emergency Alerts**

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Read, reply, forward & delete text messages

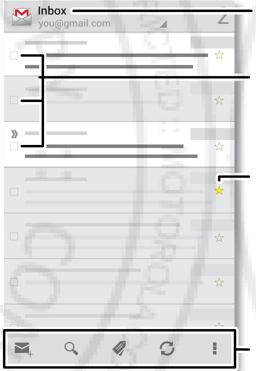
Find it: Apps → **Messaging**

- **Open:** Touch a conversation to open it.
- **Attachments:** When you open a message with an attachment, touch the attachment to open it, or touch and hold it to save it.
- **Reply:** Open a conversation, then enter your response in the text box at the bottom.
- **Forward:** Open a conversation, touch and hold the message you want, then touch **Forward**.
- **Delete:** Touch and hold a conversation, then touch 🗑 at the bottom. Or, open the conversation, touch and hold one message and touch **Delete**.
- **Settings:** Touch Menu ⋮ → **Settings** to change your notifications and other options.

Email

Check email accounts, and send responses, photos, websites, and more.

Find it: Apps → **Gmail** or **Email**


Inbox
you@gmail.com
Choose accounts or folders.
Choose multiple messages, then choose an action at the bottom.
"Star" a message to add it to the **Starred** Gmail label.
Create an email.
Search Gmail.
Show Gmail labels.
Check Gmail.
Open settings & options.

Touch & hold icons to show labels.

- **Add Gmail accounts:** The first time you turned on your phone, you probably set up or logged in to your Google™ account—that sets up the **Gmail** app for one account, but you can add more in Apps → **Settings** → **ACCOUNTS**.

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Messages
  Quick start: Messages
  Read, reply, forward & delete text messages
  Email
  Chat
  Wireless Emergency Alerts

- **Add email accounts:** To add accounts for **Email** follow the prompts when you first open the app or touch Apps → **Settings** → **ACCOUNTS** → **ADD ACCOUNT**, then enter details. For Microsoft™ Exchange server work email accounts, enter details from your IT administrator.
- **Change or delete accounts:** To change an account's sync and notifications, or delete it, touch Apps → **Settings** → **ACCOUNTS**, touch an account, then touch Menu ⋮ → **Settings** or **Remove account**.

Chat

Sign in and try a quick chat.

Find it: Apps → **Talk** and select your Google account. Your friends list opens, and icons tell you who is available for ● text chat, ■ video chat, 🎤 voice chat, or who is ⊗ offline.

- **Invite a friend:** Touch 👤 in the top right, then enter the email address for a friend's Google account. They'll receive the invitation when they sign into Google Talk™.
- **Start a text chat:** Touch a name in your list of friends, then enter text and touch ➤.
- **Start a voice or video chat:** Touch the 🎤 voice or ■ video icon next to a friend's name.
- **Chat from a computer:** You can chat from a computer, too. Find out more at **www.google.com/talk**.

For other chat options, use:

- **Web browser:** In your home screen, touch the Google search widget and enter your IM provider's web site. Once you're there, follow the link to sign in.
- **Apps:** To search for an instant messaging app, touch **Play Store**. Your IM options will depend on your IM provider.

Wireless Emergency Alerts

Wireless Emergency Alerts, also known as CMAS or PLAN, is a U.S. national emergency alert system. Emergency alerts can pop up to tell you about a national or local crisis. After you close an alert, you can reopen it by touching touch Apps → **Settings** → **More** → **Cell broadcasts**.

Tip: Emergency alerts have a special sound and vibration that is two seconds long, followed by one second, then another one second.

To choose which types of alerts you receive, touch Apps → **Settings** → **More** → **Cell broadcasts**. The U.S. and local governments send these alerts through your service provider. So you will always receive alerts for the area where you are, and you won't receive alerts if you're outside of the U.S.

For more, visit **www.ctia.org/consumer_info/safety/**.

2 MAY 2013

TYPE

keypad when you need it

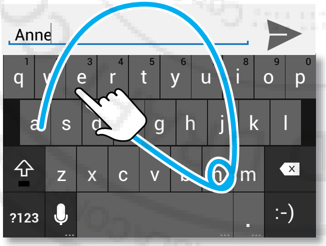
Type
  Quick start: Type
  Text entry settings & dictionary
  Cut, copy & paste

Menu More
Back Next

Quick start: Type

When you touch a text box, like in a message or search, you have keyboard options.

- **Type or gesture:** Enter letters by touching them one at a time. Or, enter a word by tracing a path through the letters.
- **Close the keyboard:** Touch Back ↩.



See a different keyboard? It varies by app. This one is for texting.

Tips & tricks

- **Keyboard changes:** Your touchscreen keyboard changes depending on whether you're entering a text message, email, or other text.
- **Move the cursor:** Touch a spot in the text to place the cursor, then drag the arrow under the cursor to move it.
- **Copy & paste:** Double-tap a word to highlight it (if needed, drag the ends of the highlight). Touch icons at the top to select all, cut, copy, or paste (touch and hold the icons to show labels).
- **Your dictionary:** To add a word you enter often, enter it, touch the word in the word list below the text box, then touch there again to add it to your dictionary.
- **Symbols:** Touch and hold a key to enter the small number or symbol at the top of it.

  To enter several numbers or symbols, touch ?123.

TYPE

Type
  Quick start: Type
  Text entry settings & dictionary
  Cut, copy & paste

Text entry settings & dictionary

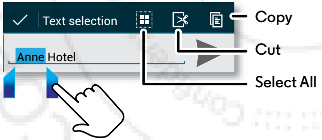
Choose your keyboard style and edit the dictionary of words your phone suggests:

Find it: Apps ⊞ → **Settings** → **Language & input**

- To change the preferences, touch ☰. You can change the language, automatic punctuation, and more.
- To add or edit the words that your phone suggests and recognizes, touch **Personal dictionary**.

Cut, copy & paste

Cut, copy, and past names, phone numbers, addresses, quotes, or anything else in a text box.



1 To highlight a word, double-tap it.

To highlight more words, drag the selector arrow at the edge of the highlight.

2 Touch the icons for cut or copy.

Tip: Touch and hold icons to show labels.

3 Open the text box where you want to paste the text (even if it's in a different app).

4 Touch inside the text box, then touch and hold to show the **PASTE** option. Touch **PASTE** to paste the text.

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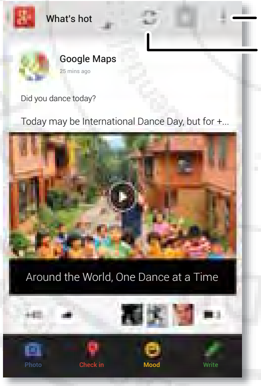
Socialize
Quick start: Socialize

Quick start: Socialize

Google+™ makes connecting on the web more like connecting in the real world. Share your thoughts, links and photos with the right circles.

Find it: Apps → **Google+**


What's hot

Google Maps
25 mins ago

Did you dance today?

Today may be International Dance Day, but for +...

Around the World, One Dance at a Time

Open options.

Update the stream.

We're making changes all the time. Your screen may look a little different. Probably cooler.

Tips & tricks

- **Upload photos:** Touch Apps → **Gallery** and touch a photo or video. Choose share → **Google+** and select your account.
- **Add a widget:** In your home screen, touch Apps, touch **Widgets** at the top, then touch and hold **Google+ posts** to drag them to your home screen.
- **Help:** For more about Google+, visit **www.google.com/+**.
- **Other social networks:** You can also use Facebook™, Twitter, and more. Open Google Play Store to find the latest official apps and widgets.
- **Remove accounts:** To delete an account (along with its contacts and messages on your phone), touch Apps → **Settings** → **ACCOUNTS**, select the account. Touch the account again, then touch Menu ⋮ → **Remove account**.

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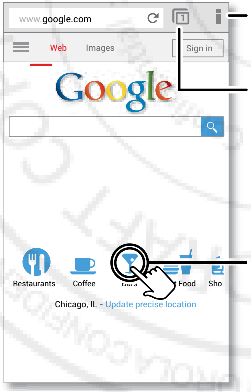
Browse
- **Quick start: Chrome™**
- **Web connection**
- **Bookmarks**
- **Downloads**
- **Browser options**
- **Safe surfing & searching**

Quick start: Chrome™

Find it: Apps ⠿ → **Chrome**

- **Go to a webpage:** Touch the address bar at the top of a page and enter an address.
- **Add or open bookmarks:** Open the address bar (flick down if you don't see it), then touch Menu ⋮ → ★ or **Bookmarks**.



Open options.

Show other browser tabs, or open a new one.

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

Tips & tricks

- **Home screen shortcut:** In your home screen, touch the Google search widget at the top and enter a website address.

  Note: If you can't connect, contact your service provider.
- **Mobile sites:** Some websites automatically show you a "mobile" version of their page. If you want to see the standard computer versions of all websites, touch Menu ⋮ → **Request desktop site**.
- **Reload:** If a page doesn't load correctly, try touch ↻.
- **Clear history:** In the browser, touch Menu ⋮ → **Settings** → **Privacy** → **CLEAR BROWSING DATA** at the bottom of the page. Then choose history, cache, cookies, and other options.
- **Help:** For more about Google Chrome, visit **www.support.google.com/chrome**.

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BROWSE

Browse
  Quick start: Chrome™
  Web connection
  Bookmarks
  Downloads
  Browser options
  Safe surfing & searching

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Web connection

To access the web, your phone uses your Wi-Fi network (or your mobile phone network if no Wi-Fi network is connected).

Note: Your service provider may charge to surf the web or download data over your mobile phone network.

To connect to a Wi-Fi network, see “**Wi-Fi Networks**”.

Bookmarks

To bookmark a page in your browser, touch Menu ⋮ → ★.

To go to a bookmark, touch Menu ⋮ → **Bookmarks**, then touch the bookmark.

Downloads

Warning: Apps downloaded from the web can be from unknown sources. To protect your phone and personal data, only download apps from sources you trust, like “**Google Play™**”.

To download a file, picture, or webpage, touch **Chrome** and go to the website, and then:

- **Files:** Touch the download link. To show the file or app, touch Apps → **Downloads**.
- **Pictures:** Touch and hold it to choose **Save image**. To show the picture, touch Apps → **Gallery** → **Download**.

To download apps or phone updates, see “**Download apps**” or “**Update your phone**”.

Browser options

To change your browser security settings, text size, and other options, touch Menu ⋮ → **Settings**.

Safe surfing & searching

Keep track of what your browser and searches show:

- **Browse incognito:** To open a tab that won’t appear in your browser or search history, touch **Chrome** → Menu ⋮ → **New incognito tab**.
- **Browser history, cache, and passwords:** To clear your browser history and other saved information, touch **Chrome** → Menu ⋮ → **Settings** → **Privacy**.
- **Automatic form completion:** When you enter your name in an online form, your browser can automatically enter your address information. If you don’t want that, touch **Chrome** → Menu ⋮ → **Settings** → **Auto-fill forms**.
- **Browser pop-ups:** To stop pop-up windows from opening, touch **Chrome** → Menu ⋮ → **Settings** → **Content settings** → **Block pop-ups**.
- **Voice search:** Touch the search bar, then touch **X** → 🎤 .

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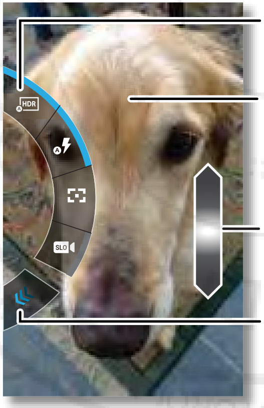
Photos & videos
  Quick start: Photos & Videos
  Take photos
  Record videos
  The perfect shot
  Edit, share, or delete photos & videos
  Capture your screen
  Movies & TV on Google Play
  YouTube™

Quick start: Photos & Videos

Take super clear photos. Send them to your bestie. Or not.

Find it: Apps ⊞ → **Camera**

Tip: When your phone is locked, touch 📷 on the locked screen.



Change effects & settings.

Touch anywhere to take the photo. Touch & hold to take rapid shots.

Drag up or down to zoom.

See more options.

Who's a good boy? Max is. Yes, he is.

Tips & tricks

- **Take a photo:** Open the camera, then touch anywhere on the screen to take the photo.
- **Record a video:** Touch ◉ in the camera to temporarily switch to the video camera and start recording. Then touch ■ to start or stop recording.
- **View, share, or delete:** Touch your last photo/video in the corner of your viewfinder, or touch Apps ⊞ → **Gallery** and touch a photo or video. You can choose < share, 🗑 delete, Menu ⋮, and more.
- **Change settings:** To open camera options, find the sweet spot about 2/3 of the way up and drag the side of the screen toward the middle.
- **Zoom:** Drag the screen up or down.
- **Multi-shot:** When you're ready, touch and hold the screen take a burst of photos.
- **Panorama:** Take a panoramic shot by opening settings and touching ⧓. Use the on-screen guide to slowly pan your phone.
- **Clarify:** For the clearest photos and videos, clean the lens with a soft, dry cloth.

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Photos & videos
  Quick start: Photos & Videos
  Take photos
  Record videos
  The perfect shot
  Edit, share, or delete photos & videos
  Capture your screen
  Movies & TV on Google Play
  YouTube™

Take photos

Find it: **Camera**

Touch anywhere on the screen to take the photo.

Record videos

Find it: **Camera**, then touch ●.

The camera temporarily turns into a video camera and immediately starts recording. Touch ■ to stop recording.

Tip: To send a video in a text message, touch Apps ⊞ → **Gallery** and touch the video, then choose share.

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The perfect shot

Point , touch, and you're done. But when you want the perfect shot or something a little different, play with these camera options:

Options	
HDR	Turn on HDR (High-dynamic-range) effect.
Flash	Set **Flash On**, **Flash Off**, or **Auto Flash**.
Auto-focus	Set the camera to automatically focus before you take a photo.
Slow motion	Take a slow motion video.
Panorama	Take a wide-angle shot. Use the on-screen guide to slowly pan while you are taking the photo.

Options	
Geo-Tag	Tag your photos with a location.
Shutter Tone	Turn the shutter click on or off.
Quick Draw	Catch it fast. Take photos quickly.

Tip: To open camera options, find the sweet spot about 2/3 of the way up and drag the side of the screen toward the middle.

Edit, share, or delete photos & videos

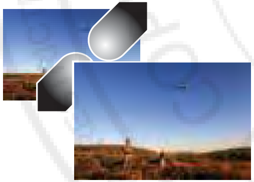
Find it: Apps ⊞ → **Gallery**

- **View, share, or delete:** Touch a thumbnail to open it, then choose share or Menu ⋮ for more.

  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 screen.

  Tip: Turn the 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**.

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Photos & videos
  Quick start: Photos & Videos
  Take photos
  Record videos
  The perfect shot
  Edit, share, or delete photos & videos
  Capture your screen
  Movies & TV on Google Play
  YouTube™

- **Slideshow:** Open a folder, then Menu ⋮ → **Slideshow**. To stop the slideshow, touch the screen.

  Tip: To show the slideshow on a television or other device, see "**Connect & transfer**".

Capture your screen

Share a screen capture of your favorite playlist, your new high score, or a friend's contact information. If you can show it on your phone, you can share it with your friends.

To capture your phone's screen, press and hold the Power and Volume Down keys at the same time.

To see the screen capture, touch Apps → **Gallery** → **Screenshots**.

Movies & TV on Google Play

Find and rent movies to watch on your tablet or computer:

Find it: Apps → **Play Movies & TV**

To shop, rent, or watch on a computer, go to **www.google.com/play** and choose "Movies & TV."

YouTube™

Watch videos from YouTube users everywhere—or log into your account to share your own.

Find it: Apps → **YouTube**

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Music on Google Play™
Quick start: Music

Quick start: Music

Music everywhere—stream it, buy it, save it, play it. Listen and create playlists anytime.

Find it: Apps ⊞ → 🎧 **Play Music**

To access your Google Play Music with a computer, visit **www.google.com/music**.

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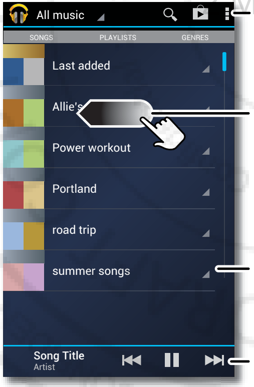


Search
Shop
Settings

Flick left or right for songs, playlists, genres, & more.

Touch ◢ for options.

Pause, play, & more.

Tips & tricks

- **Go back:** When you open a song or artist list, touch 🎧 in the top left to go back.
- **Shuffle or repeat:** During a song, touch ⌃ to show shuffle 🔀 and repeat 🔁 at the bottom. Touch 🔁 once to repeat the current song list, or twice to repeat only the current song.
- **Volume:** Press the volume keys.
- **Hide the music player:** To use another app while your music plays, touch Home ⌂. To return to the music player, flick down the status bar and touch the song title.
- **Home screen:** Control music playback from the home screen by adding the **Google Play Music** widget.
- **Shop:** Touch 🛍 to shop for more music.
- **Playlists:** Touch and hold a song in your library to add it to a playlist or show other options. To edit, delete and rename a playlist, touch and hold its name in the music library.
- **During a flight:** Press and hold the Power key → **Airplane mode** to turn off all your network and wireless connections and listen to music during a flight.
- **File types:** Your phone can play MP3, M4A, AAC, AAC+, MIDI, and WAV files.

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

BOOKS ON GOOGLE PLAY™

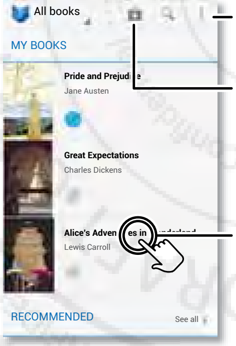
even thick books fit

Books on Google Play™
Quick start: Books

Quick start: Books

Read your favorite books, magazines, and newspapers when and where you want.

Find it: Apps → **Play Books**


All books
MY BOOKS
Pride and Prejudice
Jane Austen
Great Expectations
Charles Dickens
Alice's Adventures in Wonderland
Lewis Carroll
RECOMMENDED
See all

Change your view and other options.

Download books.

Touch a book to open & start reading.

Tips & tricks

- **Turn pages:** While reading the book, turn the pages by flicking them.
- **Recent page:** When you open book, it shows the last page you were reading.
- **Table of contents:** Touch a book page, then touch Menu ⋮ to open its table of contents or your book display options.
- **Close:** To return to your book list, touch in the top left.
- **Shop:** To shop for books, touch Apps → **Play Books**, then ▶ in the top right.

  Browse by category, or touch 🔍 and search for a title or author. Touch a book to show details. Then, touch the book's price to buy it (or touch **OPEN** to open a free book). After you confirm a purchase, the book is added to your library.
- **Magazines:** Touch Apps → **Play Magazines**.

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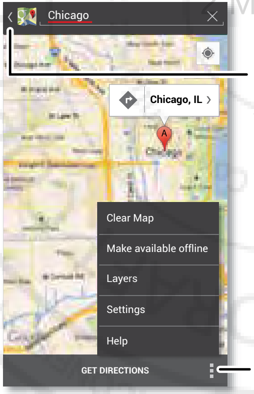
Locate & navigate
  Quick start: Locate & navigate
  Google+ Local™
  Google Maps™ with Navigation beta
  Google Latitude™

Quick start: Locate & navigate

Must. Have. Coffee. Find a nearby cafe, get directions or step-by-step navigation using the Google Maps™ you know and trust.

Find it: Apps ⋯ → **Maps**



Go back a screen or search for someplace else.

See options, settings, & more.

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Tips & tricks

- **Find an address:** Enter the address in the search box at the top. The map moves to show the address.
- **Get directions:** Find an address on the map, touch it, then touch ◆.
- **Save an address:** Touch the address, then touch the star by its name. To show your starred places, touch **Maps** and choose **My Places**. Touch a star to remove it.
- **Zoom:** To zoom in or out, drag two fingers together or apart on the screen.
- **Turn and tilt:** Rotate two fingers on map to turn it or drag down/up to tilt.
- **Send your location:** To tell others where you are, touch your location on the map, touch the **My Location** bubble, then choose **Send location to others**.
- **Find nearby businesses or attractions:** Touch 📍 at the bottom.
- **Identify address:** Touch and hold a spot on the map to show the nearest address.
- **Get map help:** Touch Menu ⋮ → **Help**.

LOCATE & NAVIGATE

Locate & navigate
  Quick start: Locate & navigate
  Google+ Local™
  Google Maps™ with Navigation beta
  Google Latitude™

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Google+ Local™

Google+ Local lets you find the restaurants, cafes, bars, and attractions that are close to you:

Find it: Apps → **Local**

Tip: In **Maps**, just touch at the bottom.

Google Maps™ with Navigation beta

Get spoken turn-by-turn directions to the destination you specify.

Find it: Apps → **Navigation**

Speak, type, or select your destination. **Navigation** shows a map and starts telling you directions.

Tip: To add to your **STARRED** places, open Google Maps™, find an address, then touch the ☆ next to it.

To exit navigation or see other options, touch ☰ at the bottom. Touch to show gas stations and other points along the way.

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

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

Google Latitude™

Google Latitude lets you see where your friends and family are on Google Maps™. Plan to meet up, check that they got home safely, or just stay in touch. Don't worry, your location is not shared unless you agree to it. After you join Google Latitude, you can invite your friends to view your location, or accept their invitations.

To join Google Latitude, touch Apps → **Maps**, touch **Maps** at the top, then choose **Latitude**.

To use Google Latitude after you join, touch Apps → **Latitude**:

- To **add** friends, touch .

  Touch **Select from Contacts** or **Add via email address**. Your friend will receive an email notice.
- To **remove** friends, touch ✖ next to their name.
- To **share** your location when you receive a request, you can choose **Accept and share back** (show your location and see theirs), **Accept, but hide my location** (hide your location, but see theirs), or **Don't accept** (hide both locations).
- To **hide** your location, touch Menu ⋮ → **Location Settings** → **Location reporting** → **Do not update your location.**

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Work
  Corporate sync
  Quickoffice
  Office network
  Clock
  Calendar

Corporate sync

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

- To add your **Corporate** account, see “**Email**”.
- To choose what to sync from your **Corporate** account, touch Apps ⊞ → **Settings** → **ACCOUNTS**, touch your account, then choose options like **Calendar**, **Contacts**, or **Email**.

Quickoffice

Use **Quickoffice** to view and edit files on your memory card (optional).

Find it: Apps ⊞ → **Quickoffice**

Touch a file or folder to open, or touch and hold a file for options. You can edit most text or spreadsheet files:

- Place your cursor by touching the text.
- Select text by double-tapping it.
- Open a keyboard, choose formatting, save the file, or choose other options by touching Menu ⋮.

Office network

To connect your office network with a Virtual Private Network connection, see “**Virtual Private Networks (VPN)**”.

Clock

Find it: Apps ⊞ → **Clock** → ⏰ (in the lower left)

- **Alarm:** Touch an alarm to edit it, or touch + to add a new alarm.

  When an alarm sounds, touch ☼ to turn it off or zZ snooze for ten minutes.
- **Settings:** To change your alarm sound, snooze delay, or other settings, touch Menu ⋮ → **Settings**.
- **Timer:** For a timer, touch ⧗.
- **Stopwatch:** For a stopwatch, touch ⏱.

Tip: To find out what an icon means, touch and hold it. To set your current date, time, time zone, and formats, touch Apps ⊞ → **Settings** → **Date & time**.

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Work
Corporate sync
Quickoffice
Office network
Clock
Calendar

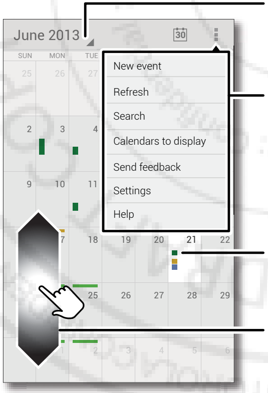
Calendar

Show events stored on your phone and in your online calendars, all together in one place.

Find it: Apps → **Calendar**

- **Change the view:** Touch the date at the top left to choose **Day**, **Week**, **Month**, or **Agenda**.
- **Add events:** From any view, touch Menu ⋮ → **New event**, enter event details, then touch ✓ **DONE**.
- **Show, edit, or delete events:** Touch an event to open it, then touch edit ✎ or delete 🗑.

2 MAY 2013



Change the calendar view.

Calendar Menu

Other calendar events appear in different colors.

Scroll to see other months.

- **Show, hide, or add calendars:** Touch Menu ⋮ → **Calendars to display** to show or hide calendars from your Google account. You can use a computer to add or remove calendars on your Google account at **www.google.com/calendar**.

Tip: Add a **Calendar** widget to your home screen. Touch Apps → **WIDGETS**, then touch and hold the **Calendar** widget to add it to your home screen.

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CONNECT & TRANSFER

wired up or wireless

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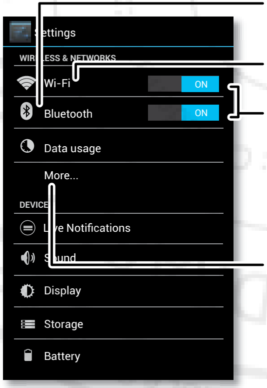
Connect & transfer
  Quick start: Connect & transfer
  Bluetooth® wireless
  Wi-Fi Networks
  USB cables
  Share your data connection
  Data use
  NFC
  Your cloud
  Phone & tablet
  DLNA™ media devices
  Virtual Private Networks (VPN)
  Mobile network
  Airplane mode

Menu
More
Back
Next

Quick start: Connect & transfer

Connect accessories, computers, networks, and more.

Find it: Apps ⊞ → **Settings**



Change Bluetooth settings.

Change Wi-Fi settings.

Turn Wi-Fi or Bluetooth power ON or OFF.

Turn on a portable Wi-Fi hotspot.

Tips & tricks

- **Bluetooth® devices:** To connect a Bluetooth headset, keypad, or other device, touch **Bluetooth**.
- **Wi-Fi networks:** To connect, touch **Wi-Fi**.
- **Wi-Fi hotspot:** To make your phone a hotspot, touch **More** → **Tethering & portable hotspot**, then check **Portable Wi-Fi hotspot**. You can change hotspot security.
- **USB cable:** Your phone's micro USB port lets you exchange media and other files with a connected computer. To change the type of USB connection, touch Apps ⊞ → **Settings** → **Storage** → Menu ⋮ → **USB computer connection**.
- **Automatic connections:** When Bluetooth or Wi-Fi power is ON, your phone automatically reconnects to available devices or networks it has used before.
- **Airplane mode:** Need to shut down wireless connections quickly? Flick the status bar down and touch ▦ → ☰ → **Airplane mode**.

  Or, touch and hold the Power key → **Airplane mode**.

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Bluetooth® wireless

Turn Bluetooth power on/off

Find it: Apps ⊞ → **Settings**, then touch the **Bluetooth** switch to turn it ON

Tip: To extend battery life or stop connections, turn the Bluetooth them OFF when you're not using it.

Connect devices

The **first time** you connect a device, follow these steps:

1. Make sure the device you are pairing with is in discoverable mode (for details, refer to the guide that came with the device).
2. Touch Apps ⊞ → **Settings**→ **Bluetooth**.
3. Make sure the switch at the top is ON, then touch **SEARCH FOR DEVICES**.
4. Touch a found device to connect it (if necessary, touch **Pair** or enter a passkey like **0000**).

   When the device connects, the Bluetooth status indicator turns blue ᛒ .

To automatically **disconnect** or **reconnect** a device anytime, just turn it off or on.

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

Manage devices

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

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

To remove a paired device, touch ☰ next to the device name in the **PAIRED DEVICES** list, then touch **Unpair**.

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

Let devices find your phone

To let a Bluetooth device discover your phone:

1. Touch Apps ⊞ → **Settings** → **Bluetooth**.
2. Touch your device name at the top to switch between **Not visible to other Bluetooth devices** and **Visible to all nearby Bluetooth devices** for two minutes.

Transfer files

- **Photos or videos:** Open the photo or video, then touch < → **Bluetooth**.
- **People:** Touch **People** → touch a person, then touch Menu ⋮ → **Share** → **Bluetooth**.

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Wi-Fi Networks

Turn Wi-Fi power on/off

Find it: Apps → **Settings**, then touch the **Wi-Fi** switch to turn it ON.

Note: To extend battery life, turn Wi-Fi OFF when you're not using it.

Connect to networks

To find networks in your range:

1 Touch Apps → **Settings** → **Wi-Fi**.

Tip: To see your phone's MAC address and Wi-Fi settings, touch Menu ⋮ → **Advanced**.

2 Make sure the switch at the top is ON, then touch **SCAN**.

3 Touch a found network to connect it (if necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**).

When your phone connects, the Wi-Fi status indicator appears in the status bar.

Note: If you see a question mark in the Wi-Fi status indicator, pull down the status bar, touch the network, and enter the network's password.

Tip: When Wi-Fi power is on, your phone automatically reconnects to available networks it has used before

Wi-Fi hotspot

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

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

Find it: Apps → **Settings** → **More** → **Tethering & portable hotspot** and check **Portable Wi-Fi hotspot**.

1 Your phone turns off **Wi-Fi** power and uses the mobile network for Internet access. Touch **Set up Wi-Fi Hotspot** to set up security:

- **Network SSID**—Enter a unique name for your hotspot.
- **Security**—Select the type of security you want: **Open** or **WPA2**. For **WPA2**, enter a unique password that others will need to access your Wi-Fi hotspot.

  Note: WPA2 is recommended by IEEE.
- **Hotspot frequency band**—If you notice interference after your hotspot has been active for a while, try different channels.
- **Password**—Create a password with at least eight characters.

2 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**.

Wi-Fi modes

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

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USB cables

Note: Copyright—do you have the right? Always follow the rules. See **"Content Copyright"**.

To load music, pictures, videos, documents, or other files from your computer, connect your phone to your computer with a USB cable. To change the type of USB connection, touch Apps ⊞ → **Settings** → **Storage** → Menu ⋮ → **USB computer connection**.

- For Microsoft™ Windows™ XP, Windows Vista, and Windows 7: On your computer, choose Start, then select Windows Explorer from your list of programs. In Windows Explorer, your phone will appear as a connected drive (mass storage device) where you can drag and drop files, or it will appear as an MTP or PTP device that lets you use Windows Media Player to transfer files. For more instructions or driver files, visit **www.motorola.com/myxfon**.
- For Apple™ Macintosh™: Use Android File Transfer, available at **www.android.com/filetransfer**.

USB connection

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 ψ 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. To change the type of USB connection if necessary, touch Apps ⊞ → **Settings** → **Storage** → Menu ⋮ → **USB computer connection** → **Mass Storage**.
2. Drag and drop files between your computer and the phone folders. When you're done, use "Safely Remove Hardware" before disconnecting the USB cable.

Share your data connection

Your computer can access the internet through your phone's mobile network—you just need a USB cable.

Tip: To share a Wi-Fi connection, see **"Wi-Fi hotspot"**.

1. Connect your phone to your computer using a USB cable.

   Note: If your computer is running something older than Microsoft™ Windows™ 7 or Apple™ Macintosh™ OSX, it might require special configuration.
2. On your phone, touch Apps ⊞ → **Settings**, then make sure the **Wi-Fi** switch is set to OFF.
3. In **Settings**, touch **More** → **Tethering & portable hotspot**, then check **USB tethering** to start the connection.

   To stop the connection, uncheck **USB tethering**, then disconnect your phone from your computer.

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Data use

You can track the amount of data uploaded and downloaded by your phone.

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**

Your phone shows a data usage graph, followed by a list of the apps that are running, from highest data usage down to least. Touch an app to open its details. Apps that use a lot of data might also use a lot of battery power.

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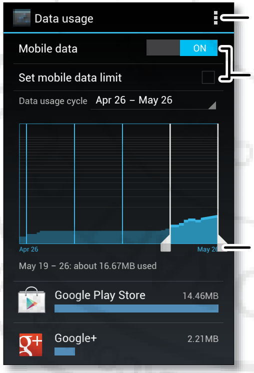

Data usage

Mobile data ON

Set mobile data limit ☐

Data usage cycle Apr 26 – May 26

May 19 – 26: about 16.67MB used

Google Play Store 14.46MB

Google+ 2.21MB

Turn off roaming or auto-sync, find a mobile hotspot, & more.

Turn off mobile data or set a usage limit.

Drag the white bars to change date ranges.

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

NFC

Near Field Communication technology lets you instantly share content (like web links, contacts, and photos), information, and more, by touching the back of your phone to another NFC-enabled device.

Share with Android Beam™

Use Android Beam to share content on your phone with another NFC-enabled phone or tablet.

Note: The other device must support NFC, too.

1. Open the screen that contains the map page or browser page you want to share.
2. Touch the back of your phone to the back of the other device.

   When the devices connect, you'll see **Touch to Beam** on your phone.
3. Touch your screen to share your content.

Receive with NFC

Receive web links, e-coupons, brochures, maps and more from an NFC tag. Look for the NFC logo on posters, signs, store displays and other areas. Just touch the back of your phone to the logo to receive its tag information.

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Bluetooth & Wi-Fi one-touch setup

Just touch your phone to an NFC-enabled Bluetooth device or Wi-Fi access point to automatically pair or connect with the device.

Mobile payment

You can use any secure payment app to pay for your purchase (where available).

Look for the NFC logo to confirm that you can make a mobile payment. Touch the back your phone to the payment device to pay for your purchase.

Security

Mobile payments, wireless connections, and content sharing all demand security:

- **Range:** NFC only works over a short range (about 4 cm/1.5 inches), so it's unlikely you'll connect by mistake—if you did, you would still have to accept the connection to send or receive information.
- **Encryption:** Your phone uses the latest security, encryption, and authentication features to protect your personal information for mobile payments and content sharing.

Your cloud

One account with access to everything, everywhere—phone, tablet, computer.

Sync your Google account

When you log in to the same Google account, all devices can get to all the same apps, movies, books, and music from "**Google Play™**"—plus you share the same Gmail, Google Calendar™, and other Google services. To add accounts to your phone, touch Apps ⊞ → **Settings** → **ACCOUNTS**.

Phone & tablet

Your Android phone and tablet can work together to help you get the most out of both:

- **Transfer media and files:** Copy files to your phone and transfer them to other devices with "**Transfer files**".
- **Phone hotspot:** If you have a Wi-Fi tablet, turn your phone into a Wi-Fi hotspot to let your tablet access the Internet anywhere—see "**Wi-Fi hotspot**".
- **Bluetooth accessories:** If you have a Bluetooth keyboard or other accessories to use with your tablet, remember you can use them with your phone too. To connect them, see "**Bluetooth® wireless**".

DLNA™ media devices

Use DLNA Certified computers, TVs, and other devices to show the videos and pictures stored on your phone.

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1. Make sure your phone is connected to a Wi-Fi network that has another DLNA Certified device.
2. Touch Apps ⊞ → **Gallery**, then open the picture or video you want to show.
3. Touch ▣ at the top of the screen.

   Your phone searches for DLNA devices on your network.
4. Choose a device to connect.

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

Virtual Private Networks (VPN)

A VPN lets you access files on a secured network (like an office network with a firewall). Contact the network administrator to ask for VPN settings, and any additional apps or other requirements.

To enter VPN settings, touch Apps ⊞ → **Settings** → **More** → **VPN**. Choose the type of VPN and enter settings from the network administrator. The network is stored in the **VPN** list so that you can select it whenever you need to connect.

Mobile 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.

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 power 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.

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Quick start: Protect

Make sure your information is protected in case your phone is lost or stolen.

Find it: Apps → **Settings** → **Security**

The easiest way to protect your phone is to use **Screen lock**. You can choose facial recognition, a pattern, a PIN, or use an NFC accessory to unlock your phone.

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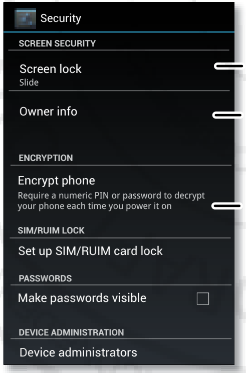

Security

SCREEN SECURITY

Screen lock
Slide

Owner info

ENCRYPTION

Encrypt phone
Require a numeric PIN or password to decrypt your phone each time you power it on

SIM/RUIM LOCK

Set up SIM/RUIM card lock

PASSWORDS

Make passwords visible ☐

DEVICE ADMINISTRATION

Device administrators

For a screen lock, you can use facial recognition, an NFC device, a pattern, a password, or other choices.

Add some info to show on your lock screen.

Encrypt the data stored on your phone or memory card.

Tips & tricks

- **Face unlock:** Unlock your phone by looking at it. Touch Apps → **Settings** → **Security** → **Screen lock** → **Face Unlock** and follow the prompts.
- **Forgotten pattern:** If you enter the wrong unlock **Pattern** five times, your device shows a **Forgot pattern?** option that lets you enter your Google account email and password to unlock your device.
- **Forgotten password:** Oops. If you forget your password, you will need to reset your phone (see “**Reset**”).

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Screen lock

To keep your phone secure, you can make the touchscreen lock when it goes to sleep.

Find it: Apps ⊞ → **Settings** → **Security** → **Screen lock**, then select the lock type:

- **None**: Turn off the screen lock.
- **Slide**: Flick 🔒 to the right to unlock.
- **NCF authentication**: Use an NCF accessory to unlock.
- **Face Unlock**: Look at your phone to unlock it.

  Follow the prompts to capture your face and enter a PIN or password (for backup or to change the lock setting). When the screen is dark, press the Power key, then frame your face in the square at the bottom to unlock.

  Note: This feature is less secure than a pattern, PIN, or password.
- **Pattern**: Draw a pattern to unlock.
- **PIN**: Enter four to sixteen digits to unlock.
- **Password**: Enter four to sixteen letters, digits, or symbols to unlock.

To change when your touchscreen goes to sleep, see "**Power key**".

Note: You can make emergency calls on a locked phone (see "**Emergency calls**"). A locked phone still rings, **but you need to unlock it to answer.**

Can't unlock?

Face unlock: If your phone doesn't recognize your face, you'll be prompted to enter your backup pattern or PIN code to unlock it.

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/RUIM 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 optional 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.

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

Find it: Apps → **Settings** → **Security** → **Encrypt phone**

Backup & restore

Your Google account data is backed up online. So, if you reset or replace your phone, just log into your Google account to restore the contacts, events, and other details you synced with the account. To choose what syncs with the account, touch Apps → **Settings** → **ACCOUNTS**, touch your Google account, and check things to sync. Please note that text messages, call logs, and items stored on your phone will not be restored. To restore your Google Play Store apps, see **"Take Care of your apps"**.

Reset

To reset your phone to factory settings and erase all the data on your phone, touch Apps → **Settings** → **Backup & reset** → **Factory data reset** → **Reset Phone**.

Warning: All downloaded apps and user data on your phone will be deleted. Data on the cloud will not be deleted.

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WANT MORE?

there's always more

Want more?
Get more

Get more

There's more help, updates, and information right here:

- **Tutorials & answers:** Touch Apps ⊞ → ? **Moto Care** to get walk-through tutorials or chat with people who can help.
- **Updates:** Get phone updates, PC software, online help, guides, and more at **www.motorola.com/myxfon**
- **Accessories:** Find accessories for your phone at **www.motorola.com/mobility**.
- **Apps:** Touch **Play Store**.
- **News:** Get the latest news, apps, 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**

  Google+™ **https://plus.google.com/#s/Motorola**

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Tips & tricks

- **Google help:** In Google apps, touch Menu ⋮ → **Help**. You can also view the Google Help Centers online at **www.google.com/support**.

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Crash recovery
Service & repairs

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 and Volume Down keys for about 15 seconds. If necessary, hold the Power key to turn your phone back on.

Service & repairs

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

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

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Battery Use & Safety

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

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

DON'Ts

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

DOs

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

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

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

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

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

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

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

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

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

Battery Charging

Notes for charging your product's battery:

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

Third Party Accessories

Use of third party accessories, including but not limited to batteries, chargers, headsets, covers, cases, screen protectors and memory cards, may impact your mobile device's performance. In some circumstances, third party accessories can be dangerous and may void your mobile device's warranty. For a list of Motorola accessories, visit **www.motorola.com/products**

Driving Precautions

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

While driving, NEVER:

- Type, read, enter or review texts, emails, or any other written data.
- Surf the web.
- Input navigation information.

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- 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.

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

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

Repetitive Motion

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

Children

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

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

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

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

Glass Parts

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

Operational Warnings

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

Potentially Explosive Areas

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

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

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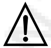
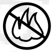
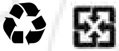
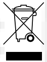
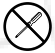
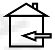
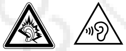
Symbol Key

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

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.
	Do not use tools.
	For indoor use only.
	Listening at full volume to music or voice through a headset may damage your hearing.

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Radio Frequency (RF) Energy

Exposure to RF Energy

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

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

RF Energy Operational Precautions

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

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

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

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

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

Medical Devices

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

Persons with implantable medical devices should observe the following precautions:

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

Regulatory Information

Your Motorola mobile device is designed to comply with national and international regulatory requirements. For full compliance statements and details, please refer to the regulatory information in your printed product guide.

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Specific Absorption Rate (FCC & IC)

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

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

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

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

Head SAR	Wi-Fi (2.4 GHz)	0.98 W/kg
Body-worn SAR	WCDMA 1900 MHz, Wi-Fi, Bluetooth	1.32 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**.

FCC Notice to Users

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. See 47 CFR Sec. 15.105(b). These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

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

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

Industry Canada Notice to Users

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.3. This Class B digital apparatus complies with Canadian ICES-003.

Software Notices

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

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

Location Services

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

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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.

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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.

California Perchlorate Label

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

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

There is no special handling required by consumers.

Hearing Aid Compatibility with Mobile Phones

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

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

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

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

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provider or Motorola for information on hearing aid compatibility. If you have questions about return or exchange policies, contact your service provider or phone retailer.

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

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

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

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

Software Copyright

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

Content Copyright

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

Open Source Software Information

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

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

The Motorola website **opensource.motorola.com** (in English only) also contains information regarding Motorola's use of open source.

Motorola has created the **opensource.motorola.com** website to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please go to Apps → **Settings** → **About phone** → **Legal information** → **License**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

Export Law Assurances

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

Product Registration

Online Product Registration:

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

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

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

Thank you for choosing a Motorola product.

Service & Repairs

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

Go to **www.motorola.com/repair** (United States) or **www.motorola.com/support** (Canada), where you can select from a number of customer care options. You can also

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contact the Motorola Customer Support Center at 1-800-734-5870 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

How to Obtain Service or Other Information

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

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

Motorola Mobility LLC Limited Global Warranty Mobile Phones

Note: This Limited Warranty is not applicable in Quebec, Canada.

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

Who is Covered?

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

What Does this Limited Warranty Cover?

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

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

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

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

What Will Motorola Do?

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

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

Exclusions (Products and Accessories)

This warranty does not apply to:

(a) Consumable parts, such as batteries or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship. As with all batteries, the maximum capacity of the battery will decrease with time and use; this is not a defect. Only defective batteries and batteries that leak are covered by this warranty.

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

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

Product Safety & Legal
- **Battery Use & Safety**
- **Battery Charging**
- **Third Party Accessories**
- **Driving Precautions**
- **Seizures, Blackouts & Eyestrain**
- **High Volume**
- **Repetitive Motion**
- **Children**
- **Glass Parts**
- **Operational Warnings**
- **RF Energy**
- **Regulatory Information**
- **Location**
- **Navigation**
- **Privacy & Data Security**
- **Use & Care**
- **Recycling**
- **Perchlorate Label**
- **Hearing Aid Compatibility**
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(d) Damage caused by accident, abuse, misuse, liquid contact, fire, earthquake or other external causes; including but not limited to: (i) improper usage or operation (e.g. operating the Product outside their permitted or intended uses as defined by Motorola, including but not limited to as set forth by Motorola in the Products' User Manual, Quick Start Guide, Online Tutorials, and other documentation), improper storage (e.g. subjecting the Product to extreme temperatures), abuse or neglect (e.g. broken/bent/missing clips/fasteners/connectors); impact damage (e.g. dropping the Product) (ii) contact with liquids, water, rain, extreme humidity, heavy perspiration or other moisture; sand, food, dirt or similar substances (except for Products sold as resistant to such substances, but only to the extent the damage was not caused by incorrectly securing the phone's protective elements or subjecting the Product to conditions beyond its stated specifications or limits); (iii) use of the Products for commercial rental purposes; or (iv) external causes or acts which are not the fault of Motorola, including but not limited to flood, fire, earthquake, tornado or other acts of God, are excluded from coverage.

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

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

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

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

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

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

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

What Other Limitations are There?

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

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Battery Use & Safety
Battery Charging
Third Party Accessories
Driving Precautions
Seizures, Blackouts & Eyestrain
High Volume
Repetitive Motion
Children
Glass Parts
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RF Energy
Regulatory Information
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- SOME STATES OR JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR THE EXCLUSION OR LIMITATION ON THE LENGTH OF AN IMPLIED WARRANTY, OR THE LIMITATION OR EXCLUSION OF DAMAGES FOR PERSONAL INJURIES CAUSED BY NEGLIGENCE, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE OR JURISDICTION.
- DATA BACKUP: ALL INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS, INCLUDING BUT NOT LIMITED TO PERSONAL CONTACTS, ADDRESS BOOKS, PICTURES, MUSIC AND GAMES WILL BE ERASED DURING THE REPAIR PROCESS, AND CAN NOT BE REINSTALLED BY MOTOROLA. TO AVOID LOSING SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS PLEASE CREATE A BACK UP BEFORE YOU DELIVER YOUR PRODUCT FOR WARRANTY SERVICE, REMOVE ANY CONFIDENTIAL, PROPRIETARY OR PERSONAL INFORMATION AND DISABLE ANY SECURITY PASSWORDS. YOU WILL BE RESPONSIBLE FOR REINSTALLING ALL SUCH INFORMATION, DATA, SOFTWARE, OTHER APPLICATIONS AND PASSWORDS. MOTOROLA AND/OR ITS AUTHORIZED SERVICE CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OR MISUSE OF ANY DATA, FILES, CONTENT, APPLICATIONS AND PROGRAMS WHEN THE PRODUCT IS DELIVERED FOR WARRANTY SERVICE. YOUR PRODUCT OR A REPLACEMENT PRODUCT WILL BE RETURNED TO YOU AS YOUR PRODUCT WAS CONFIGURED WHEN ORIGINALLY PURCHASED, SUBJECT TO APPLICABLE SOFTWARE UPDATES. MOTOROLA MAY INSTALL OPERATING SYSTEM SOFTWARE UPDATES AS PART OF WARRANTY SERVICE THAT MAY PREVENT THE PRODUCT FROM REVERTING TO AN EARLIER VERSION OF THE OPERATING SYSTEM SOFTWARE. THIRD PARTY APPLICATIONS INSTALLED ON THE PRODUCT MAY NOT BE COMPATIBLE OR WORK WITH THE PRODUCT AS A RESULT OF THE OPERATING SYSTEM SOFTWARE UPDATE. MOTOROLA AND ITS AUTHORIZED SERVICE CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OF, OR INABILITY TO USE, SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS.
- WARNING AGAINST UNLOCKING THE BOOTLOADER OR ALTERING A PRODUCT'S OPERATING SYSTEM SOFTWARE: MOTOROLA STRONGLY RECOMMENDS AGAINST ALTERING A PRODUCT'S OPERATING SYSTEM, WHICH INCLUDES UNLOCKING THE BOOTLOADER, ROOTING A DEVICE OR RUNNING ANY OPERATING SOFTWARE OTHER THAN THE APPROVED VERSIONS ISSUED BY MOTOROLA AND ITS PARTNERS. SUCH ALTERATIONS MAY PERMANENTLY DAMAGE YOUR PRODUCT, CAUSE YOUR PRODUCT TO BE UNSAFE AND/OR CAUSE YOUR PRODUCT TO MALFUNCTION. IN SUCH CASES, NEITHER THE PRODUCT NOR ANY DAMAGE RESULTING THEREFROM WILL BE COVERED BY THIS WARRANTY.
- IMPORTANT FCC INFORMATION: YOU MUST NOT MAKE OR ENABLE ANY CHANGES TO THE PRODUCT THAT WILL IMPACT ITS FCC GRANT OF EQUIPMENT AUTHORIZATION. THE FCC GRANT IS BASED ON THE PRODUCT'S EMISSION, MODULATION, AND TRANSMISSION CHARACTERISTICS, INCLUDING: POWER LEVELS, OPERATING FREQUENCIES AND BANDWIDTHS, SAR LEVELS, DUTY-CYCLE, TRANSMISSION MODES (E.G., CDMA, GSM), AND INTENDED METHOD OF USING THE PRODUCT (E.G., HOW THE PRODUCT IS HELD OR USED IN PROXIMITY TO THE BODY). A CHANGE TO ANY OF THESE FACTORS WILL INVALIDATE THE FCC GRANT. IT IS ILLEGAL TO OPERATE A TRANSMITTING PRODUCT WITHOUT A VALID GRANT.

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Consumer Advocacy Office
600 N US Hwy 45
Libertyville, IL 60048
www.motorola.com

Note: Do not ship your product to the above address. If you need to return your product for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-734-5870 (United States)
1-888-390-6456 (TTY/TDD United States for hearing impaired)
1-800-461-4575 (Canada)

Certain features, services and applications are network dependent and may not be available in all areas; additional terms, conditions and/or charges may apply. Contact your service provider for details.

All features, functionality, and other product specifications, as well as the information contained in this guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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Product ID: Motorola X (Model XT1058)
Manual Number: 68017460001-A

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