<p style="color:blue; text-align:center">**Temporary Confidentiality Requested**</p>

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:**   **Part 2, Page 32**

8.2   **Specific Absorption Rate (SAR) Data:**   **Part 2, Page 34**

8.3   **Guidance for use with Hearing Aids**   **Part 1, Page 25,**
            (Pursuant to 47 CFR 20.19(f)(1)):
                                                                  Part 2, 37

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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 XT1080
JB VZW
Users Guide (Print)
June 5, 2013

2013.06.05
FCC DRAFT

Use this template with **A6LandscapePrint** StructApps.
Used to create Printed UG only.
See the Reference Pages for template user instructions.
(Dummy Page - To be discarded before printing)

Check it out

When you're up and running, be sure to explore what your smartphone can do.

- **Watch:** Experience crisp, clear photos, movies, and videos on your large 5" AMOLED RGB HD display. See "**Photos & videos**" on page 39.

- **Automate:** Optimize your smartphone and conserve battery power with SMARTACTIONS™. See "**SMARTACTIONS™**" on page 19.

- **Speed:** Browse and navigate at 4G LTE network speeds. See "**Browse**" on page 36 and "**Locate & navigate**" on page 44.

- **Connect:** Reach out and connect with Wi-Fi networks, Bluetooth® devices, or just by touching NFC phones. See "**Connect & transfer**" on page 48.

Tip: You don't need to carry this guide with you. You can view all of these topics in your smartphone—from the home screen tap Apps (:::) → ❓ **Help**, tap ❓ in the top left, then tap **On-device tutorials**, **FAQs**, or **How-tos**.

Contents

At a glance

Your smartphone

Are you ready for life on the bleeding edge? Droid RAZR ULTRA and Droid RAZR ULTRA MAXX take you there in style.

Bleeding edge performance: Droid RAZR ULTRA—blazing speed and performance wrapped in a tough Kevlar® shell. Want more?

Notification Light

3.5mm Headphone

HD Camera (on back)

Front Camera

NFC Antenna (on back)

Power Key
Press = Screen On/Off
Hold = Phone On/Off

Microphone

Volume Keys (pull out to access the nano SIM card tray).

Back

Home

Recent Apps

Micro USB/ Charger

Maximum power: Droid RAZR ULTRA MAXX— power to last all day and all night, always ready for more, at home, work, or on the go.

Note: Your smartphone may look a little different.

Tips & tricks

• **Start:** Nano SIM in, charge up, power on, and register. See "**Start**" on page 4.

• **Top topics:** Just want a quick list of what your smartphone can do? See "**Top topics**" on page 3.

• **More:** All your questions about your smartphone, answered right on your smartphone. Tap Apps ⊞ → ❓ **Help**. Want more? See "**Get more!**" on page 59.

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

SAR 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.

Note: When using the product while worn on your body, maintain a distance of 1.5 cm (3/4 inch) from the body to ensure compliance with SAR requirements. Note that the product may be transmitting even if you are not making a phone call.

Top topics

Check out what your smartphone can do.

- Personalize your home screen: see **"Redecorate your home"** on page 9.
- Make a quick change: see **"Quick settings"** on page 19.
- Go online: see **"Browse"** on page 36.
- Explore: see **"The best of Google™"** on page 7.
- Find apps: see **"Download apps"** on page 12.
- Be social: see **"Socialize"** on page 35.
- Find it yourself: see **"Locate & navigate"** on page 44.
- Take a photo: see **"Take photos"** on page 40.
- Connect to Wi-Fi: see **"Wi-Fi Networks"** on page 50.
- Watch a movie: see **"Movies & TV on Google Play™"** on page 41.
- Protect your smartphone: see **"Screen lock"** on page 57.
- Watch interactive guided tutorials: see **"Help"** on page 10.
- Get all the help you need: see **"Get more!"** on page 59.

Tips & tricks

- **Intuitive:** To get started quickly, tap Apps (⋮⋮⋮) → ❓ **Help** for interactive tutorials.
- **Helpful:** To quickly change common smartphone settings, drag the status bar down and tap ✿ in the upper right. For even more settings, tap ✿ **Settings**.

Start

Assemble & charge battery

Put the nano SIM in, charge up, and power on.

Note: Your nano SIM card may already be in your smartphone. If it is, just charge up and power on.

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

1 Pull out the SIM tray with your fingernail. Clip the nano SIM into the tray. Push the tray back into your smartphone.

2 Charge fully. 3H

3 Turn on. Power Key
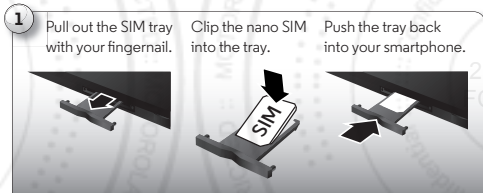
Tips & tricks

- **SIM tray:** The SIM tray is on the back side of the volume keys. Slide your fingernail under the volume keys on the side of your smartphone, and pull out to open it. Put your nano SIM into the tray. Push the tray back into the smartphone.

- **Power/Sleep key:** To make the screen sleep or wake up, press the Power key. To turn your smartphone on or off, press and hold the Power key.

- **Notification Light:** The notification light blinks when you have a new message or notification, and lights up when you start charging a dead battery.

- **Battery:** Squeeze every bit of juice out of your battery. See "**Battery life**" on page 5.

Warning: Don't try to remove or replace the battery yourself—doing so may damage the battery and could cause burning and injury. If your smartphone becomes unresponsive, try a reboot—press and hold both the Power and the Volume Down keys for about 10 seconds.

Battery life

Your smartphone gives 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, tap Apps (⋮⋮⋮) → ⚙ **Settings** → **Battery**.

To set automatic rules to save power, tap Apps (⋮⋮⋮) → ▤ **SmartActions** (see "**SMARTACTIONS™**" on page 19).
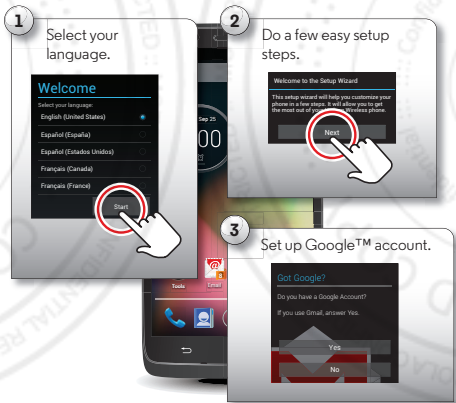
Tips & tricks

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: Tap Apps (⋮⋮⋮) → ⚙ **Settings**. Go to the **ACCOUNTS** section, and tap the one you want to remove. Tap it again, then tap Menu ▐ → **Remove account**.
- Wi-Fi and Bluetooth® use: Tap Apps (⋮⋮⋮) → ⚙ **Settings**, then tap the switch next to **Wi-Fi** or **Bluetooth** to turn them OFF when you don't need them.
- GPS use: Tap Apps (⋮⋮⋮) → ⚙ **Settings** → **Location access**, and uncheck **GPS satellites**.
- display brightness: Tap Apps (⋮⋮⋮) → ⚙ **Settings** → **Display** → **Brightness** → **Display power saver**.
- display timeout delay: Tap Apps (⋮⋮⋮) → ⚙ **Settings** → **Display** → **Sleep** → (shorter setting).

Register

After you power on, let the Setup Wizard walk you through the registration process. Log in to your Google™ account (or create one) to access 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"** on page 7. Or, visit **www.motorola.com/transfercontacts**.

1 Select your language.

Welcome
Select your language
English (United States)
Español (España)
Español (Estados Unidos)
Français (Canada)
Français (France)

Start

2 Do a few easy setup steps.

Welcome to the Setup Wizard
This setup wizard will help you customize your phone in a few steps. It will allow you to get the most out of your Verizon Wireless phone.

Next

3 Set up Google™ account.

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

Yes

No

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

Tips & tricks

• **Wi-Fi network:** Conserve your monthly data allowance by switching from the Verizon network to a Wi-Fi network for your internet connections. Drag the status bar down and tap ✿ → ✿ **Settings** → **Wi-Fi**. There's more in **"Wi-Fi Networks"** on page 50.

• **Reboot:** If your smartphone becomes unresponsive, try a reboot—press and hold both the Power and the Volume Down keys for about 10 seconds.

• **Accounts:** To add, edit, or delete accounts anytime, tap Apps (⋯) → ✿ **Settings**, and go to the **ACCOUNTS** section. To set up email accounts, see **"Email"** on page 31.

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

Old phone to new phone

Moving your photos, music, text & call history, contacts and more from your old Android smart smartphone is quick and painless—we promise.

Download the Motorola Migrate app from Google Play™ Store on your old Android smartphone to get started. Then, on your new smartphone, tap Apps (:::) → 🔴 **Migrate**.

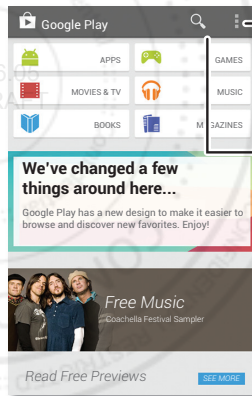Tap **Start** on your old smartphone. Touch **Next** on your new smartphone. Scan the QR code on your new smartphone using your old smartphone.

Migrate

(i)

Don't want to start from scratch? Copy your stuff from your old phone to this one.

We'll take care of...

- 💬 Text Messages
- 📞 Call History
- 📇 SIM Contacts
- 🎵 Media
- 📺 Volume & Screen Brightness
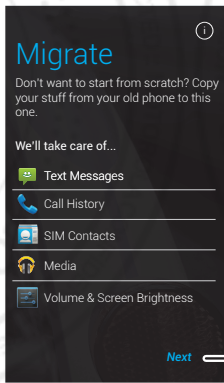
Next ———— Touch here to get started.

Tips & tricks

- While you're migrating, you can keep using your smartphone.
- If you didn't migrate right after setting up your new smartphone, you can always do it later.

The best of Google™

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

🛍 Google Play   Q ⋮ ———— Change your settings, redeem a Google Play card, and more.

🤖 APPS	🎮 GAMES
🎬 MOVIES & TV	🎧 MUSIC
📖 BOOKS	📰 MAGAZINES

———— Search for the perfect app.

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!

Free Music
Coachella Festival Sampler

Read Free Previews   SEE MORE

- 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:** Tap Apps (⊕) → 📄 **Play Store**.

- Access all of your file **in the cloud:** Check out **"Your cloud"** on page 54.

Home screen & apps

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 smartphone or tap Home ⌂.

- **App & widget list:** To show all of your apps and widgets, tap Apps (⊕).

- **More:** To download more apps and widgets, tap Apps (⊕) → 📄 **Play Store**.

Drag down to see notifications & settings.

Search by typing or speaking.

Circles Widget
Flick up/down to see more. Tap to open.

Swipe left or right to see more panels.

Shortcuts
Tap to open.

Favorites
Tap Apps (⊕) to see all your apps & widgets.

- **Pages:** To show other pages of shortcuts and widgets, swipe the home screen left or right.
- **Quick settings:** To quickly change common smartphone settings, drag the status bar down and tap ⚙ in the upper right. See "**Quick settings**" on page 19.
- **Uninstall:** To uninstall apps, tap Apps ⊞, tap and hold an app, then drag it to **Uninstall** (if available).

Redecorate your home

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

- **Change wallpaper:** Tap 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, tap it and enter a name below the shortcuts.

- **Add widgets & shortcuts:** Tap Apps ⊞, tap and hold the app or widget, then drag it to one of your home screen pages. To see all your apps and widgets, tap Apps ⊞ and swipe the menu screen to the left, or tap **APPS** or **WIDGETS** at the top.

  Tip: Some apps include widgets. To download apps, tap Apps ⊞ → ▶ **Play Store**.

- **Resize widgets:** You can resize some widgets—tap 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:** Tap 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**" on page 15.

Help

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

Find it: Tap Apps (:::) → ❓ **Help**
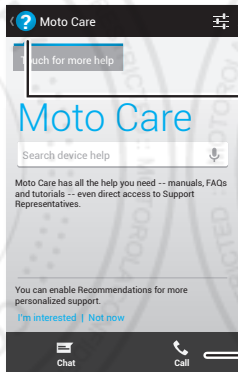
Let us suggest a few changes for you.

Watch tutorials, read how-tos, and more.

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.

I'm interested | Not now

Chat   Call

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

Search

Type text in the Google search box at the top of your home screen, or tap 🎤 to search by voice.

As you type, suggestions appear below the search field:

• To search for a suggestion, touch it.

• To search for text in the search field, tap 🔍 on the touchscreen keyboard.

Tip: To close the touchscreen keyboard, tap ⌄.

Google Now™

What's going on in your world? Find out. Current traffic, weather, your appointments, your favorite sports teams. Real things you need to know.

To get started, tap and hold Home ⌂, then flick up to the Google icon (Google).

Touch to start a voice search.

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
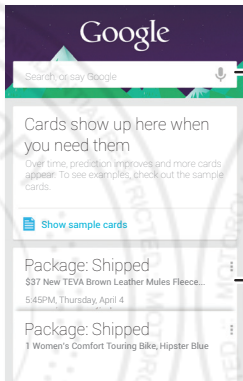
Stuff that's important to you shows up here.

To turn Google Now on/off, set your preferences, or learn more, open Google Now, scroll to the bottom of the screen, and tap Menu ⋮ → **Settings** → **Google Now**.

Touchless control

Tell your smartphone what you want without having to touch it, even if it's asleep on the table. Get directions using Google voice search, check voicemail, play your favorite song.

Start by saying, "Hello, Moto."

Find it: Tap Apps (:::) → ⚙ **Settings** → **Open Mic**

Touch to start a voice search.

Motorola Official Site - m.**motorola**.com
Ad ⓘ
m.**motorola**.com/
Explore The Newest **Motorola** Smartphones. Starting at $49.99!
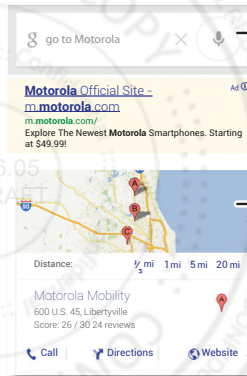
If you're looking for a place, you may see a map.

Distance: ⅕ mi 1 mi 5 mi 20 mi

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

📞 Call   📍 Directions   🌐 Website

Call, get directions, or visit the website.

Status & notifications

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

To remove a notification from the list, flick it left or right. To clear all notifications, tap ✕.

Tip: Tap ✿ to show quick settings. For more, see "**Quick settings**" on page 19.

Icons on the right tell you about smartphone status:

▰▰	network strength (₄𝖦ᴸᵀᴱ = 4G LTE network)	⚡ / ▮	battery charging/full
◈ / ▽	Wi-Fi in range/connected	◀	silent
⓫ / ⓫	Bluetooth® on/connected	⫴	vibrate
◎	GPS active	⏰	alarm set
✈	airplane mode	⚠	warning

Network and Wi-Fi icons turn blue when your smartphone is linked 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.
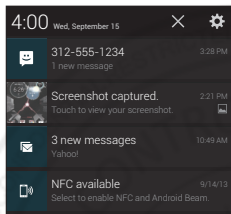
Live notifications

Your smartphone 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, select **More privacy** to keep it all hidden.

Download apps

Google Play™

Get music, movies, books, magazines, apps, and games.

Find it: Tap Apps ⊛ → ▶ **Play Store**

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

  Tip: For the full list of reviews, tap **See all** below the third review, then tap **Most helpful first** or **Options** to customize the list.

- **Download:** To download an app you found, tap it to open details and then tap **Download**, or the price.
- **Share:** To share an app you found, tap it to open details and then tap ◅.
- **Reinstall:** To show or reinstall apps you downloaded from Play Store, tap Menu ⋮ → **My Apps**.

- **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 smartphone and tablet), and even set new apps to download to your devices.

- **Enjoy music, books & movies:** You can also use Google Play Store to download "**Music on Google Play™**" on page 42, "**Books on Google Play™**" on page 43, and "**Movies & TV on Google Play™**" on page 41.

- **Help:** To get help and more, tap 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 smartphone's performance—see "**Choose carefully**" on page 13.

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 smartphone install apps that are not from Play Store, tap Apps (:::) → ⚙ **Settings** → **Security & Screen Lock** and check **Unknown sources**.

To download files from your browser, see "**Downloads**" on page 37.

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 smartphone 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 children's access to apps to help prevent exposure to inappropriate content.

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

Take Care of your apps

From your home screen tap Apps (⋮⋮⋮), then swipe left to scroll through apps. To close the apps screen, tap Home ⌂ or Back ⤺.

• **Uninstall apps:** Tap Apps (⋮⋮⋮) → ✦ **Settings** → **Apps**. Swipe to **ALL**, tap an app, then tap **Disable** or **Uninstall** in the top right (if available).

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

If an app locks up your smartphone as soon as you turn it on, restart in Safe Mode: Turn off your smartphone, 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 Google Play™ Store, tap Apps (⋮⋮⋮) → ▶ **Play Store** → Menu ⦙ → **My apps**. The apps you downloaded are listed and available for download.

• **Share, show, or clear app details:** Tap Apps (⋮⋮⋮) → ✦ **Settings** → **Apps**. A bar at the bottom tells you how much app storage space you have left. Swipe left or right to see the list of **DOWNLOADED**, **RUNNING**, or **ALL** apps, then tap an app in the list to show its details and storage usage. You can tap **Share**, **Clear data** or other options.

Tip: To quickly show these app details from your app screen: Tap and hold an app, then drag it to **App info**.

• **Show app data usage:** To show which apps are using the most data, tap Apps (⋮⋮⋮) → ✦ **Settings** → **Data usage**. For more, see "**Data use**" on page 52.

Update your smartphone

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

• Using your smartphone:

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

To manually check for updates, tap Apps (⋮⋮⋮) → ✦ **Settings** → **About phone** → **System updates**.

Your smartphone downloads updates over your Wi-Fi connection (if available) or mobile network. It is recommended 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

Take control of your smartphone:

- **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 tap 🎤 to search by voice.

Tap a widget to open.
Tap & hold to move, delete, or open options.

Tap & hold an empty spot to change wallpaper.

- **Customize:** Change notifications, or show settings—drag the status bar down and tap ✦. Tap ✦ **Settings** for more settings.

- **Tap:** Choose an icon or option.

- **Tap & hold:** Open options for items in lists (like 🔲 **People**).

- **Drag:** Move items on the home screen.

- **Flick:** Quickly open or delete items.

- **Swipe:** Scroll through lists or between screens.

- **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:** Tap 🎤 in a search window or on a touchscreen keyboard.

- **Ringtone for a contact:** To set a personal ringtone for a contact, tap Apps (⋮⋮⋮) → 🔲 **People**, tap the contact, then tap Menu ⋮ → **Set ringtone**.

- **Quick settings:** To change **Wi-Fi**, **Bluetooth**, **Brightness**, **Airplane mode**, and other settings, drag the status bar down and tap ✦. For even more settings, tap ✦ **Settings**.

- **Home screen:** For more about changing your home screen, see "**Redecorate your home**" on page 9.

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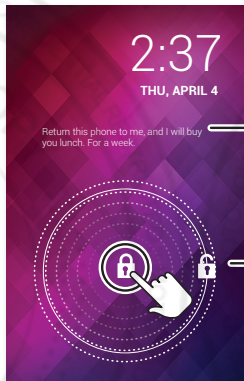
Add your owner info or a message for anyone who finds your phone.

Flick 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 proximity sensor just above it is covered. Don't use covers or screen protectors (even clear ones) that cover this sensor.

- **Screen lock:** To unlock the screen, tap 🔒 and flick to the outer circle that appears. To use a password, facial recognition security, or NFC (near field communication) accessory to unlock your screen, tap Apps (⋯) → 🔧 **Settings** → **Security & Screen Lock** → **Screen lock** (see **"Screen lock"** on page 57).

- **Owner info:** To add a message to your lock screen in case you lose your smartphone, tap Apps (⋯) → 🔧 **Settings** → **Security & Screen Lock** → **Owner info**. Just don't put your mobile number on there unless you can access your voicemail from another device. (To set your message, just tap Back ⟵.)

- **Screen timeout:** To change your timeout (screen locks automatically), tap Apps (⋯) → 🔧 **Settings** → **Display** → **Sleep**.

- **Lock screen messages:** To change the notifications your sleeping smartphone flashes, tap Apps (⋯) → 🔧 **Settings** → **Live notifications**. See **"Live notifications"** on page 12.

Touch

Find your way around:

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

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

- To **open** a text message, show contact details, or open items in a list, tap the message, contact, or item.
- To **show options** for a list item (if available), tap and hold the item.
- To **show a menu** for the current screen, tap Menu ⋮ in the corner of the screen (if available).
- To **return home** to the home screen, tap Home ⌂.
- To **go back** just one screen, tap Back ⤺.
- To **close** a touchscreen keyboard, tap ∨.
- To **reopen** an app you closed, tap Recent ▭ and tap the app in the list.

- To **reboot** an unresponsive smartphone, press and hold both the Power and the Volume Down keys for about 10 seconds.

Press

Power key

Press and hold the Power key to choose **Power off**, **Airplane mode** (no wireless connections—see "**Airplane mode**" on page 56), silent 🔇, vibrate 📳, or sound on 🔊.

To conserve battery power, 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.

Power Key

+

−

Tip: To make the screen lock when it goes to sleep, see "**Protect**" on page 56.

Volume keys

Your volume keys help in a few ways:

- **Ringer volume:** Press the keys in the home screen. Press them when your smartphone is ringing to silence it.
- **Earpiece volume:** Press the keys during a call.

Speak

Just tell your smartphone what you want.

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

- **Dialing and commands:** Tap Apps 🎤. 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.

- **Search:** Tap 🎤 in the home screen to search by voice.

  To change your voice search and text-to-speech settings, tap Apps (:::) → ⚙ **Settings** → **Language & input**.

- **Text entry:** On a touchscreen keyboard, tap 🎤, then speak your message or search text. You can also speak punctuation.

Tip: To make your smartphone read out loud, see "**TalkBack**" on page 20.

Customize

Customize your smartphone's sounds and appearance:

- **Ringtone and notifications:** To choose ringtones or notifications, tap Apps (:::) → ⚙ **Settings** → **Sound**.

- **Vibrate or silent:** To make your smartphone vibrate for incoming calls, tap Apps (:::) → ⚙ **Settings** → **Sound** → **Vibrate when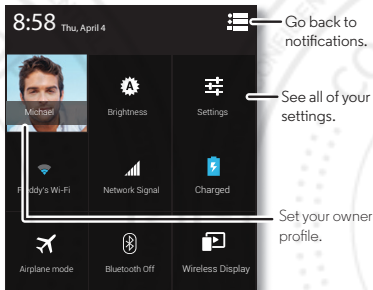 ringing**. To turn off ringtones for incoming calls, tap Apps (:::) → ⚙ **Settings** → **Sound** → **Phone ringtone** → **None**.

- **Ringtone for a contact:** To set a personal ringtone for a contact, tap Apps (:::) → 🔲 **People**, tap the contact, then tap 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 settings, tap Apps (:::) → 💬 **Messaging** → Menu ⋮ → **Settings**, and check **Notifications**.

- **Display settings:** To change brightness, animation, and other display settings, tap Apps (:::) → ⚙ **Settings** → **Display**.

- **Rotate:** In many apps, the touchscreen switches from portrait to landscape when you rotate your smartphone. To turn this on or off, tap Apps (:::) → ⚙ **Settings** → **Display** → **Auto-rotate screen**.

- **Home screen:** To change your wallpaper, tap and hold an empty spot on your home screen. For more, see "**Redecorate your home**" on page 9.

- **Language and region:** To set your menu language and region, tap Apps (:::) → ⚙ **Settings** → **Language & input** → **Language**.

Quick settings

To change **Wi-Fi**, **Bluetooth**, **Brightness**, **Airplane mode**, and other settings, drag the status bar down and tap ✿. For even more settings, tap ✿ **Settings**.

Note: Your quick settings may look a little different.

8:58 Thu, April 4

Go back to notifications.

Michael / Brightness / Settings — See all of your settings.

Paddy's Wi-Fi / Network Signal / Charged

Set your owner profile.

Airplane mode / Bluetooth Off / Wireless Display

2013.06
FCC DRA

Tip: To set up your owner profile, tap Apps (:::) → **People** → **Set up my profile**.

SMARTACTIONS™

Wish your smartphone 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 smartphone. When you see a suggestion ▦ in the status bar, drag the bar down to accept or delete it.

Find it: Tap Apps (:::) → ▧ **SMARTACTIONS**.

• The app tells you how to get started.

• To give feedback about this app, tap Menu ⋮ → **Contact**.

SMART**ACTIONS** — Pick your categories.

Driving
Stay focused on the road — Tap a category to get started.

Meeting
Avoid interruption

Sleeping
Get a good night's rest
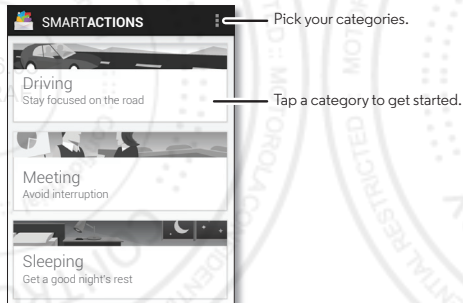
Accessibility

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 smartphone what you'd like to do—dial, browse, search, send a text, and more. Check it out—tap 🎤 at the top of the home screen for voice search. Or, say "Hello Moto" to launch always-on smart voice commands.

TalkBack

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

To turn on TalkBack, tap Apps (⋯) → ⚙ **Settings** → **Accessibility** → **TalkBack**, then tap OFF at the top to turn it ON.

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

To use TalkBack:

* **Menus and screens:** Tap an item in a menu or screen. Your smartphone speaks the name.

* **Dialer & text entry:** Start typing. Your smartphone speaks each number or letter.

* **Notifications:** Drag the status bar down. Your smartphone speaks all of the notifications.

* **Books & more:** Open a book, file, message, and more. Your smartphone reads the text out loud (app dependent).

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

To pause/resume TalkBack:

* Wave your hand over the proximity sensor at the top of the smartphone. To activate this feature, touch Apps (⋯) → ⚙ **Settings** → **Accessibility** → **TalkBack** → **Settings** → **Use proximity sensor**.

* When Explore by Touch is on, swipe down then right to open the global context menu, then use the menu to pause TalkBack.

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 when TalkBack is active, tap Apps (⋯) → ⚙ **Settings** → **Accessibility** → **TalkBack** → **Settings** → **Explore by touch**.

Tip: When you turn on TalkBack for the first time, your smartphone asks if you want to **Enable Explore by Touch?** Tap **OK** to turn it on.

Explore by Touch changes your smartphone's touch gestures so the location of your touches can be read out loud.

- **Touch** something on the screen to hear a description or text readout.

- **Double-tap** anywhere on the screen to open or activate the last touched item.

- **Swipe** using two fingers to scroll through lists or between screens.

Shortcut gestures let you navigate your smartphone with simple swipe gestures (for example, swipe up then left in a single motion to go to the home screen). To see or change these shortcuts, tap Apps (:::) → ⚙ **Settings** → **Accessibility** → **TalkBack** → **Settings** → **Manage shortcut gestures**.

To learn more about navigating your smartphone with Explore by Touch, tap Apps (:::) → ⚙ **Settings** → **Accessibility** → **TalkBack** → **Settings** → **Launch "Explore by touch" tutorial**.

To turn off Explore by Touch when TalkBack is active, tap Apps (:::) → ⚙ **Settings** → **Accessibility** → **TalkBack** → **Settings**, and uncheck **Explore by touch**.

Web accessibility

Apps can install Google™ scripts on your smartphone that make their web content more accessible. Tap Apps (:::) → ⚙ **Settings** → **Accessibility** → **Enhance web accessibility**.

Accessibility shortcut

Use simple gestures to quickly activate Talkback and other accessibility features on your smartphone. For more information, tap Apps (:::) → ⚙ **Settings** → **Accessibility** → **Accessibility shortcut**.

Caller ID

When you want to hear who's calling:

- **Read out loud:** Have your caller announced—tap Apps (:::) → ⚙ **Settings** → **Accessibility** → **Talkback** → **SETTINGS** → **Speak Caller ID**.

- **Ringtones:** Assign a unique ringtone to a contact—tap Apps (:::) → 📇 **People**, tap the contact, then tap Menu ⋮ → **Set ringtone**.

Volume & vibrate

Find it: Tap Apps (:::) → ⚙ **Settings** → **Sound** → **Volumes** or **Vibrate when ringing**

- **Volumes** opens sliders that let you set different volumes for your music or videos, ringtone, text or email notifications, and alarms.

- **Vibrate when ringing** determines whether your smartphone vibrates for incoming calls (even if the ringer is silent).

Zoom

Get a closer look.

- **Pinch to zoom:** Pinch to zoom on maps, 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.

- **Screen magnification:** Triple tap the screen for full screen magnification, or triple tap and hold to temporarily magnify: tap Apps (⋮) → ⚙ **Settings** → **Accessibility** → **Magnification gestures**.
- **Big text:** Show bigger text throughout your smartphone: tap Apps (⋮) → ⚙ **Settings** → **Accessibility** → **Large text**.
- **Browser:** Choose zoom, text size, contrast, and other accessibility settings for your browser: tap Apps (⋮) → 🔵 **Chrome** → Menu ⋮ → **Settings** → **Accessibility**.

  Tip: Use **Force enable zoom** to allow zooming on all webpages.

Display brightness

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

Find it: Tap Apps (⋮) → ⚙ **Settings** → **Display** → **Brightness**

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

Note: Setting brightness to a high level decreases your smartphone's battery life. To maximize battery life, select **Automatic brightness**.

Touchscreen & keys

To hear or feel when you touch the screen, tap Apps (⋮) → ⚙ **Settings** → **Sound**:

- **Touchscreen:** To hear screen touches (click), 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—tap Apps (⋮) → ⚙ **Settings** → **Language & input**, then tap ⚙ next to a keyboard type. Of course if you don't want to type at all, then use your voice—tap 🎤 on the touchscreen keyboard.

Hearing aids

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

Note: Ratings are not a guarantee of compatibility (visit **www.motorola.com/hacphones**). You may also want to consult your hearing health professional, who should be able to help you get the best results.

- **Settings:** Tap 📞 **Phone** → Menu ⋮ → **Settings** → **HAC mode settings**.
- **Call volume:** During a call, press the side volume keys to set a call volume that works for you.

- **Position:** During a call, hold the smartphone to your ear as normal, and then rotate/move it to get the best position for speaking and listening.
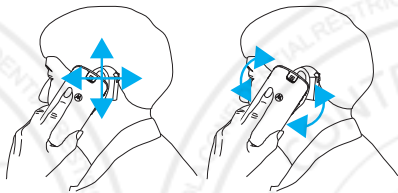
TTY

You can use your smartphone in TTY mode with standard teletype machines. Tap 📞 **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 smartphone's speaker.
- **TTY VCO**: Voice-Carry-Over—speak into your smartphone 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 smartphone.

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

Braille

Combine your Braille display with TalkBack for braille and speech feedback.

1 Download the BrailleBack app from Google Play™ Store (tap Apps ⊞ → ▶ **Play Store**), and install it on your smartphone.

2 Tap Apps ⊞ → ⚙ **Settings** → **Accessibility** → **BrailleBack**.

3 Turn on your Braille display and put it in Bluetooth® pairing mode.

4 On your smartphone, touch Apps ⊞ → ⚙ **Settings** → **Bluetooth**, then touch the Bluetooth power switch to turn it `ON` and scan.

5 Touch the name of your Braille display to pair it with the smartphone.

Apps

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

Find it: Tap Apps ⊞ → ▶ **Play Store**

Calls

Quick start: Calls

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

Find it: Tap 📞 **Phone**

To make a call, enter a number and tap 📞 to call it, or swipe left to access your recent calls and favorites.

| DIALER | RECENT | FAVORITES | ← Recent Calls & Favorites |

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	#

During a call:

Hang up.
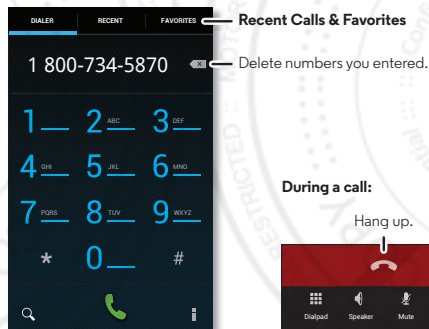
| Dialpad | Speaker | Mute | Add call |
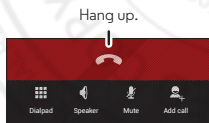
🔍 Find a contact.
📞 Call.
▮ See options.

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:** While you're on a call, tap Home △ to hide the call screen and look up a phone number, address, or open other apps. To reopen the call screen, drag down the status bar and tap **Current call**.

- **People:** To search your contacts, tap 🔍.

- **Favorite contact:** Have someone you call all the time? Tap Apps (⋯), tap **WIDGETS** at the top, then tap and hold the **Direct dial** widget. Drag it to your home screen, then select the contact. Tap the widget to dial the person.

- **Voicemail:** ◚ appears in the status bar when you have new voicemail. To hear it, tap 📞 **Phone**, then tap and hold **1**.

Make, answer & end calls

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

- **Make a call:** Tap 📞 **Phone**, enter a number, then tap 📞.

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

- **Answer a call:** Tap 🔵 and flick to 🟢.

  With call waiting on, tap 🔵 and flick to 🟢 to answer the new call, then tap **Hold current call + Answer** or **End current call + Answer**.

- **Ignore a call:** Tap 🔵 and flick to 🔴 to send the call to your voicemail. You can also press the Power key to ignore the call, or press a volume key to silence the ringer.

- **Respond with a text:** To send a pre-set message to an incoming call, tap 🔵 and flick to 🟣. Select a message to immediately send it.

- **End a call:** Tap 🔴.

- **During a call:** Tap 🎤 **Mute** at the bottom of the call screen to mute the call. To hide the call screen, tap Home ⌂. To reopen it, drag down the status bar and tap **Current call**.

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

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

Recent calls

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

Find it: Tap 📞 **Phone** → **RECENT**

- To call a number, tap 📞 on the right.

- To send a text message, store the number, or other options, tap an entry.

- To search the list, tap 🔍 at the bottom.

- To clear the list, tap Menu ⋮ → **Clear call log**.

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, tap 🔵 and flick to 🟢. To ignore it, tap 🔵 and flick to 🔴.

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

• To dial a second call, tap 👤₊ **Add call**, enter a number from **DIALER**, **RECENT**, or **FAVORITES**, then tap 📞.

The first call goes on hold when you tap 📞. To join the calls after the second call answers, tap ⤜.

Your phone number

Find it: Tap Apps ⊕ → ⚙ **Settings** → **About phone** → **Status** → **My phone number**.

Emergency calls

Note: Verizon Wireless programs one or more emergency phone numbers that you can call under any circumstances, even when your smartphone 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 Tap 📞 **Phone** (if your smartphone is locked, tap **Emergency Call** or tap Menu 🔧 → **Emergency call**).

2 Enter the emergency number.

3 Tap 📞 to call the emergency number.

Note: Your smartphone 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 smartphone has been exposed to extreme heat, you may see "Cool Down" messages. To avoid possible damage to your battery and smartphone, you should follow these instructions until the smartphone is within its recommended temperature range. When your smartphone is in "Cool Down" mode, only emergency calls can be made.
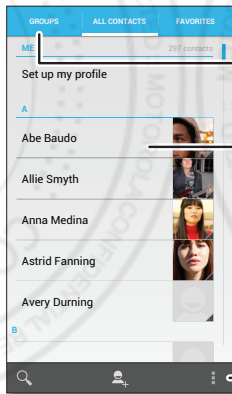
Contacts

Quick start: Contacts

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

Find it: Tap 🔲 **People**

- **Create:** Tap 🙎 at the bottom of the screen.
- **Edit or delete:** Tap a contact, then tap Menu 🔡 → **Edit** or **Delete**.
- **Call, text, or email:** Tap a contact, then tap an option.

GROUPS · ALL CONTACTS · FAVORITES

ME · 297 contacts

Set up my profile

A

Abe Baudo

Allie Smyth

Anna Medina

Astrid Fanning

Avery Durning

B

Create & view groups of contacts.

Tap 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, tap **GROUPS**, then tap the group or 🙎 at the bottom of the screen.
- **Search contacts:** From the home screen, just tap the Google search box and enter a contact's name. In the **People** list, tap 🔍.
- **Send contacts:** Tap a contact, then tap Menu 🔡 → **Share** to send it in a message or over a Bluetooth® connection. Or, turn on Android Beam on both smartphones, touch smartphones back to back, and touch **Tap to Beam**. (To turn on Android Beam, tap Apps ⚏ → ⚙ **Settings** → **More** → **Android Beam**.)
- **Shortcuts:** Tap Apps ⚏, tap **WIDGETS** at the top, then tap and hold the **Contact** widget. Drag it to your home screen, then select the contact you want to make a shortcut for.
- **Synchronize:** To import contacts from your Google™ account, tap 🔲 **People** → Menu 🔡 → **Accounts** → **Auto-sync app data**.

Create contacts

Find it: Tap ▣ **People** → ▣₊

Tap a text box to type the name and details. When you're finished, tap ✓ **SAVE** at the top.

Note: To import contacts or change where they're stored, see "**Get contacts**" on page 28.

Call, text, or email contacts

Find it: Tap ▣ **People**

Tap 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 (see "**Speak**" on page 18).

Favorite contacts

To see your favorite contacts, tap ▣ **People** → **FAVORITES**.

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

Edit, delete, or hide contacts

Find it: Tap ▣ **People**

• To edit a contact, tap it, then tap Menu ▐ → **Edit**. Tap a field to edit it. Tap ▣ to choose the contact's picture.

• To set a personal ringtone for the contact, tap it, then tap Menu ▐ → **Set ringtone**.

• To delete the contact, tap it, then tap 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, tap Menu ▐ → **Contacts to display**. Tap an account type to show it. Tap **Customize** to uncheck accounts you always want to hide.

Get contacts

• To add your social networking contacts, add your account in "**Socialize**" on page 35.

• To add your email contacts, see "**Email**" on page 31.

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 a vCard file you've copied to your smartphone: Tap ▣ **People** → Menu ▐ → **Import/export** → **Import from storage**. Tap **OK** to confirm.

• To import contacts from your computer, upload the contacts to your Google™ account at **http://contacts.google.com**. On your smartphone, tap ▣ **People** → Menu ▐ → **Accounts** → **Auto-sync app data**. You can also see these contacts at **http://mail.google.com**.

For help with transferring contacts, see "**Old phone to new phone**" on page 7 or go to **www.motorola.com/TransferContacts**.

Share contacts

Send a contact with a Bluetooth® connection, text message, email, or use NFC and Android Beam:

Find it: Tap 🔲 **People**

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

Or, turn on Android Beam on both smartphones, touch smartphones back to back, and touch **Tap to Beam**. (To turn on Android Beam, tap Apps ⊕ → ⚙ **Settings** → **More** → **Android Beam**.)

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

Groups

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

Find it: Tap 🔲 **People** → **GROUPS**

To show or create a group of contacts, tap the group or 🔍 at the bottom of the screen.

My details

Find it: Tap 🔲 **People**

To store your user profile, tap **Set up my profile** under **ME** at the top of the contact names list.