<p style="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 36**
8.2	**Specific Absorption Rate (SAR) Data:**	**Part 2, Page 38**
8.3	**Guidance for use with Hearing Aids (Pursuant to 47 CFR 20.19(f)(1)):**	**Part 1, Page 26,** **Part 2, 41**

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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 Model XT1030
JB VZW
6/27/2013
User Guide (Print)

2013.06.27
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 brilliant 4.3" RGB OLED HD display. See "**Photos & videos**" on page 39.

- **Automate:** Optimize your smartphone and conserve battery power with Moto Assist. See "**Moto Assist**" on page 20.

- **Speed:** Browse and navigate at 4G LTE network speeds. See "**Browse**" on page 37 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

First look

Do you crave the newest smartphone innovations in a sleek, compact design? Droid MINI has you covered.

Cool & compact: This RAZR thin shape wraps a brilliant edge-to-edge display and premium camera in a tough Kevlar® shell that resists drops, scratches, and splashes.

Premium performance: Fast and easy to use, Droid MINI puts the best of Google at your command.

Charging LED

10MP HD Back Camera

NFC Antenna (on back)

Microphone

Back
Home
Recent Apps

3.5mm Headset Jack

HD Front Camera

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

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

Micro USB/Charger

Note: Your smartphone may look a little different.

Tips & tricks

- **Start:** Your nano SIM is pre-installed in your smartphone. Just 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 answered, right on your smartphone. Just tap 🎤 and tell your smartphone what you want help with. Or tap Apps ⊞ → ❓ **Help**. Want even more? See "**Get more!**" on page 58.

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 2.5 cm (1 inch) from the body to ensure compliance with SAR requirements. Note that the product may be transmitting even if you are not making a phone call.

Top topics

Check out what your smartphone can do.

• Personalize your smartphone: see **"Redecorate your home"** on page 8.

• Make a quick change: see **"Quick settings"** on page 19.

• Go online: see **"Browse"** on page 37.

• Explore: see **"Google Play™"** on page 7.

• Find apps: see **"Download apps"** on page 13.

• Be social: see **"Socialize"** on page 36.

• 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 49.

• Watch a movie: see **"Play Movies & TV"** on page 41.

• Protect your smartphone: see **"Screen lock"** on page 56.

• Watch interactive guided tutorials: see **"Help"** on page 9.

• Get all the help you need: see **"Get more!"** on page 58.

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

Your nano SIM is pre-installed in your smartphone. If you need to replace your SIM, pull the volume keys/SIM tray out of the smartphone as shown in step 1.

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

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

2. Charge fully.

3. Turn on. Power Key
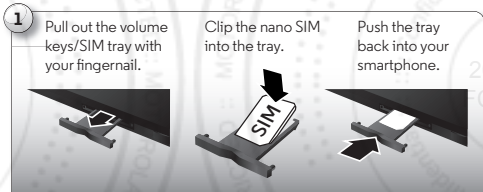
Tips & tricks

 • **SIM tray:** The SIM tray is integrated with the volume keys. To remove the SIM tray, slide your fingernail under the volume keys on the side of your smartphone and pull out.
 • **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.
 • **Charging LED:** This LED blinks when you charge your smartphone's battery.
 • **Battery:** Squeeze every bit of juice out of your battery. See "**Battery life**" on page 4.

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 15 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 (⋯) → 📋 **Moto Assist** (see "**Moto Assist**" on page 20).

When the battery level is low, your smartphone will prompt you to activate battery saver mode. To manually activate this feature, tap Apps (⋮⋮⋮) → ⚙ **Settings** → **Battery** → **Battery Saver,** and tap the switch to turn it `ON`.
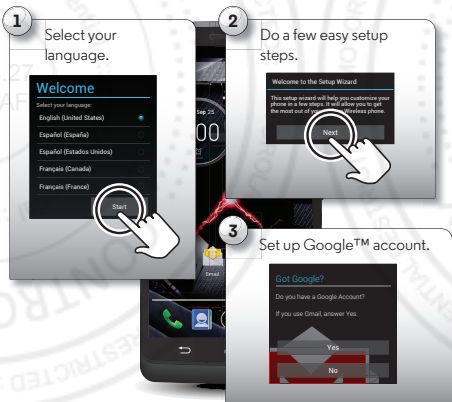
Tips & tricks

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

• 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** → (dimmer setting).

• display timeout delay: Tap Apps (⋮⋮⋮) → ⚙ **Settings** → **Display** → **Sleep** → (shorter setting).

• 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**.

• recording or watching videos, listening to music, or taking pictures.

Register

After you power on, let the Setup Wizard walk you through the registration process.

If you use Gmail™, you already have a Google™ account—if not, you can make an account now. When you sign in with your Google account, all your contacts, calendar, and email automatically appear, just like magic.

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 new wireless phone.

Next

3 Set up Google™ account.

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

Yes
No

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 ✿ > **Wi-Fi**. There's more in **"Wi-Fi Networks"** on page 49.

- **Reboot:** If your smartphone becomes unresponsive, try a reboot—press and hold both the Power and the Volume Down keys for about 15 seconds.

- **Accounts:** To add, edit, or delete accounts, tap Apps (⋮⋮⋮) > ✿ **Settings**. Under **ACCOUNTS**, tap ➕ **Add account** to add one. Or, tap an account > Menu ⫶ > **Remove account** to delete it from your smartphone, if allowed. To set up email accounts, see **"Email"** on page 32.

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

- **Contacts:** To get your contacts from your old phone, you have options. If your old phone was also an Android and you used the Android Backup and Restore feature, your contacts automatically appear on your new smartphone. Otherwise, use the Migrate app in **"Old phone to new phone"** on page 6. Or, visit **www.motorola.com/transfercontacts**.

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

Old phone to new phone

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

1. Download the Motorola Migrate app from Google Play™ Store onto your old Android smartphone.

2. Start the Migrate app (tap Apps (⋮⋮⋮) > 🔄 **Migrate**) on both smartphones.

3. Tap **Next** on your new smartphone and follow the on-screen instructions.

Migrate

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
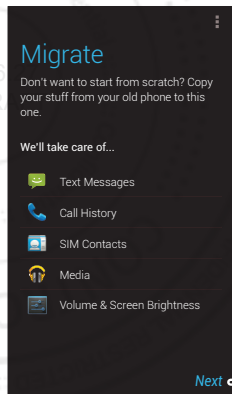
Tap here to get started.

Next

Tips & tricks

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

Google Play™

Google Play is a new digital content experience from Google where you can find and enjoy your favorite music, movies, TV shows, books, magazines, and Android apps and games. It's your entertainment hub: you can access it from the web or
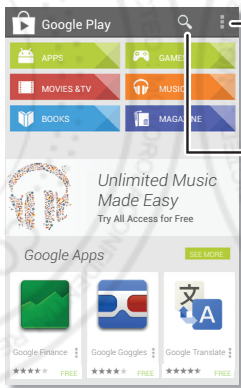
Change your settings, redeem a Google Play gift card, and more.

Search for the perfect app.

Unlimited Music Made Easy
Try All Access for Free

from your Android device, and all your content is instantly available across your devices.

Tips & tricks

- Find out 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.
- **Download Android apps:** Tap Apps (:::) → ▶ **Play Store**.
- Access all of your files **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 (⋮⋮⋮). (To see widgets, touch **WIDGETS** at the top.)

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.

- **More:** To download more apps and widgets on the Google Play™ Store app, tap Apps (⋮⋮⋮) → ▶ **Play Store**.

Tips & tricks

- **Pages:** To show other pages of shortcuts and widgets, swipe the home screen left or right.
- **Settings:** To quickly open settings, drag the status bar down and tap ✿ → ✿ **Settings**.
- **Uninstall:** To uninstall apps, tap Apps (⋮⋮⋮), touch 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:** 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, tap it and enter a name below the apps.

- **Add shortcuts & widgets:** Tap Apps (⋮⋮⋮), touch and hold an 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—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**" 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**
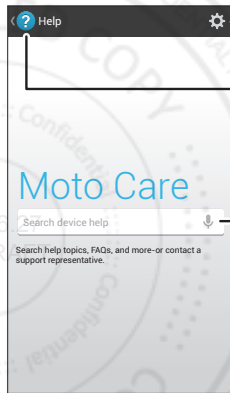
Let us suggest a few changes for you.

Watch tutorials, read how-to's, & more.

Moto Care

Search device help

Search help topics, FAQs, and more-or contact a support representative.

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

Search

Type text in the Google Search box at the top of the home screen, or tap 🎤 for Google Voice Search™.

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 Back ⬅.

Google Now™

What's going on in your world? Current traffic, weather, stocks, sports scores, your appointments. The right information at just the right time.

To get started, touch and hold Home ⌂, then swipe up to the Google icon (google).
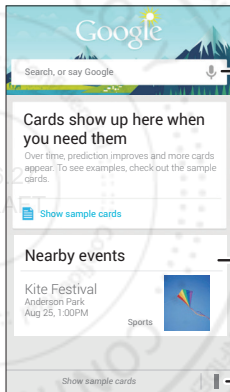
Tap to start a voice search.

Stuff that's important to you shows up here.

Choose places, sports teams, stocks, & more.

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 touching it, even if it's asleep on the table. Get directions using Google Voice Search, check voicemail, play your favorite song.

- **Train it:** Tap Apps (⊞) → ⚙ **Settings** → **Touchless Control** to train your smartphone to recognize your voice.
- **Remember it:** The magic words to wake up your smartphone are, "**OK Google Now**."
- **Say it:** Just say, "OK Google Now" followed by a command, whenever you need something. For a list of commands, say, "OK Google Now, **help me**."

OK Google Now

"OK Google Now, navigate to Anderson Park."

"OK Google Now, call Lisa at home."

"OK Google Now, how many ounces in a venti coffee?"

OK Google Now

Status & notifications

At the top of the screen, icons on the left notify you about new messages or events. If you don't know what an icon means, drag the status bar down for details.
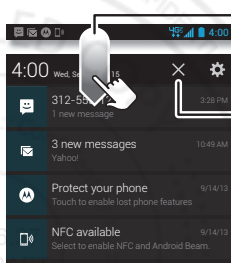
Drag down to see settings & notifications.

Clear your notifications.

Tip: To clear just one, flick it to the left or right.

Tip: To quickly change common settings, tap ⚙ in the upper right. For more, see "**Quick settings**" on page 19.

Icons on the right tell you about smartphone status:

📶 network strength ($\frac{4G}{LTE}$ = 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 smartphone is linked with your Google account.

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

Active Notifications

See messages, calls, and more coming in to your smartphone, no matter what screen you're on. Even when your smartphone is sleeping, info quietly appears on your screen to tell you what you need to know—you choose the alerts.

Find it: Apps (⋯) → ⚙ **Settings** → **Active Notifications** → **Active Display**

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

2:37

💬
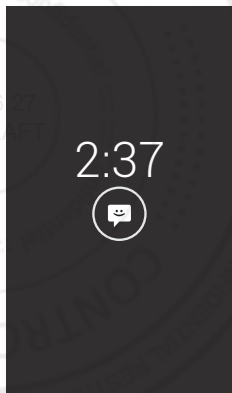
If your smartphone is asleep when you get a text, it lets you know.

Touch & hold to see the text. Drag up to open the text, or down to unlock your smartphone.

Motorola Connect

Use your Google account to connect your phone to your computer. See call, contact, and messaging info on your computer. Know who's calling before you reach for your phone. Send and receive text messages from your desk using a simple add-on to your desktop Chrome™ browser.

Find it: Tap Apps (⋯) → ⚙ **Settings** → **Active Notifications** → **Motorola Connect**

Download apps

Google Play™

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

Find it: Tap Apps (⋯) → ▶ **Play Store**

• **Find:** To search, tap Q in the top right.
• **Download:** To download an app you found, tap it to open details and then tap **Install**, or the price.
• **Share:** To share an app you found, tap it to open details and then tap Menu ⋮ → **Share**.
• **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 the Google Play Store app to access the "**Play Music**" on page 42, "**Play Books**" on page 43, and "**Play Movies & TV**" on page 41 apps.

• **Get 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 14.

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 on Google Play, tap Apps (⋯) → ⚙ **Settings** → **Security & Screen Lock** and check **Unknown sources**.

To download files from your browser, see "**Downloads**" on page 38.

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.
- On Google Play, 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 left 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 on the Google Play Store app, 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: Touch 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. 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

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. Touch & hold to move, delete, or open options.

Touch & hold an empty spot to change wallpaper.

- **Customize:** Get your notifications and more—drag the status bar down and tap ✿. Tap ✿ **Settings** for more settings.

Tips & tricks

- **Tap:** Choose an icon or option.
- **Touch and hold:** Open options for items in lists.
- **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.
- **Add shortcuts & widgets:** Tap Apps ⊞, touch and hold an app or widget, then drag it to one of your home screen pages. (To see widgets, tap Apps ⊞, then tap **WIDGETS** at the top.
- **Ringtone for a contact:** To set a personal ringtone for a contact, tap ▣ **People**, tap the contact, then tap Menu ⋮ → **Set ringtone**.

- **Quick settings:** To change Wi-Fi, Bluetooth, 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 8.

On, off, lock & unlock

Your touchscreen is on when you need it and off when you don't. To turn the screen on, press the power key.
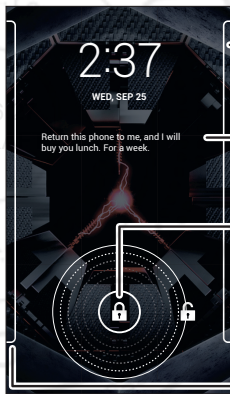
Swipe left for the camera.

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

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

Swipe right to add panels to your unlock screen (like an email 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 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 drag to the outer circle that appears. To use a pattern, PIN, password, facial recognition security, or a connected device (like a Bluetooth® headset or your car) to unlock your screen, tap Apps ⊞ → ⚙ **Settings** → **Security & Screen Lock** → **Screen lock**. See "**Screen lock**" on page 56.

- **More panels & apps:** To open more apps from your lock screen, swipe the screen right, tap ➕, and choose the apps you want to add.

- **Owner info:** To add a message to your lock screen in case you lose your smartphone, tap Apps ⊞ → ⚙ **Settings** → **Security & Screen Lock** → **Owner info**. (To set your message, just tap Back ⟵.)

Tip: Don't put your mobile number as your contact info unless you can access your voicemail from another device.

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

- **Sleeping smartphone screen messages:** When you see active notifications in the sleeping screen, touch 🔒 and drag down to 🔓 to unlock the screen.

Tip: To change the notifications your sleeping smartphone flashes, tap Apps ⊞ → ⚙ **Settings** → **Active notifications**. See "**Active 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), touch 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 Back ⟵.

- 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 15 seconds.
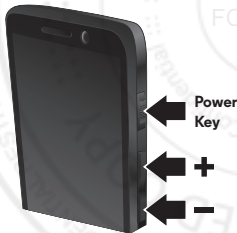
Press

Power key

Press and hold the Power key to choose **Power off**, **Airplane mode** (no wireless connections—see "**Airplane mode**" on page 55, silent 📵, vibrate 📳, or sound on 🔊.

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 smartphone, see "**Protect**" on page 55.

Power Key

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.

- **Music/video volume:** Press the keys during a song or video.

Speak

Just tell your smartphone what you want.

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

- **Dialing and commands:** Tap 🎤. 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.

  Tip: If a contact has more than one number, you can say which number to call. For example, "Call Joe Black Mobile" or "Call Suzi Smith Work."

  To choose the confirmations and prompts you want to hear, tap 🎤 → Menu ⋮ → **Settings** → **Voice**.

  To set up your phone to start listening to your commands, see "**Touchless control**" on page 11.

- **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. You can also speak punctuation.

Tip: To make your smartphone read out loud, see "**TalkBack**" on page 21.

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 👤 **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, tap Apps ⧉ → 💬 **Messaging** → Menu ⋮ → **Settings**, and check **Notifications**.

• **Display settings:** To change brightness 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, touch and hold an empty spot on your home screen. For more, see "**Redecorate your home**" on page 8.

• **Language and region:** To set your menu language and region, tap Apps ⧉ → ⚙ **Settings** → **Language & input** → **Language**.

Quick settings

To change Wi-Fi, Bluetooth, 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.

Go back to notifications.

See all of your settings.

Set your owner profile.
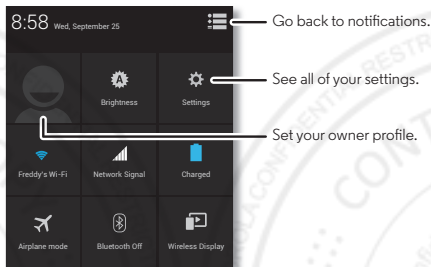
Shortcut: To directly open the quick settings screen, drag the status bar down with two fingers.

Shortcut: To quickly turn Bluetooth or Wi-Fi power on and off, touch and hold the setting icon until you feel a vibration.

Tip: To set up your owner profile, tap **People** > **Set up my profile**. (You may need to scroll to the top of the screen.)

Moto Assist

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.

Moto Assist 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 (:::) > **Moto Assist**.

• The app tells you how to get started.

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

Pick your categories.

Tap a category to get started.
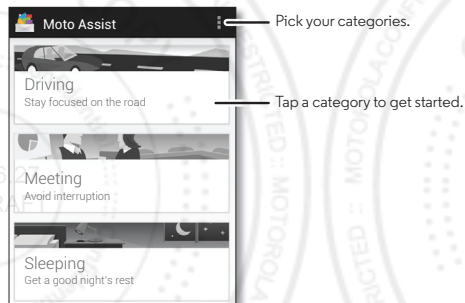
Accessibility

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 📷 **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.
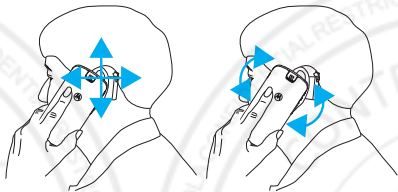
TTY

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**