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## Temporary Confidentiality Requested

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

The attached User's Manual is the final production-intended version of the generic Motorola International English User Manual. This guide will be adapted to carrier-specific versions<sup>i</sup>, 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:

- |   |  |
|---|--|
| <b>8.1 Safety and Regulatory Section:</b>   | <b>Part 2, Page 36</b>                 |
| <b>8.2 Specific Absorption Rate (SAR) Data:</b>                                     | <b>Part 2, Page 38</b>                 |
| <b>8.3 Guidance for use with Hearing Aids<br/>(Pursuant to 47 CFR 20.19(f)(1)):</b> | <b>Part 1, Page 26,<br/>Part 2, 41</b> |

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<sup>i</sup> 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.

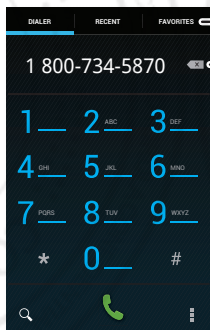
# Calls

## Quick start: Calls

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

**Find it:** Tap  **Phone**

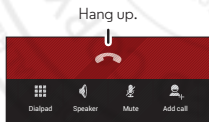
To make a call, enter a number and tap  to call it, or swipe left to access your recent calls and favorites.




**Recent Calls & Favorites**


Delete numbers you entered.

**During a 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 touch 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 touch 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 (+), touch and hold **0+**. To add a pause or wait after numbers, tap Menu .
  - **Answer a call:** Touch  and drag to .
- With call waiting on, touch  and drag to  to answer the new call, then tap **Hold current call + Answer** or **End current call + Answer**.

- **Ignore a call:** Touch  and drag 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, touch  and drag 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, swipe 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, touch  and drag to . To ignore it, touch  and drag 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.

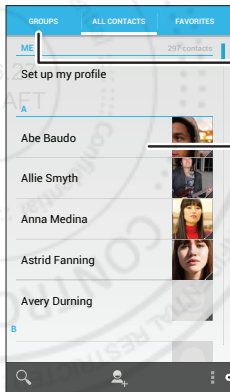
## Contacts

### 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.




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 touch 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 29.


## 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 36.
- To add your email contacts, see “**Email**” on page 32.

**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 6 or go to [www.motorola.com/TransferContacts](http://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.

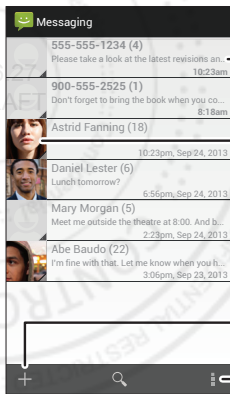
## Messages

### Quick start: Messages

Stay in touch with messages and pictures.

**Find it:** Tap  **Messaging**

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








Tap a conversation to open it.  
Tap & hold to delete the message & more.

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

Create a message.



Change notifications & see other options.

## Tips & tricks

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

## Read, reply, forward & delete text messages

### Find it: Tap **Messaging**

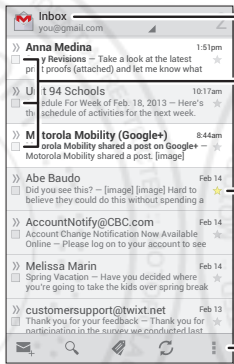
- **Open:** Tap a conversation to open it.
- **Attachments:** When you open a message with an attachment, tap the attachment to open it, or touch and hold it to save it.
- **Reply:** Open a conversation, then enter your response in the text box at the bottom.
- **Forward:** Open a conversation, touch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



# Email

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






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






Choose accounts or folders.






Choose multiple messages, then choose an action at the bottom.






“Star” a message to add it to the **Starred** Gmail label.

-  Create an email.
-  Search Gmail.
-  Show Gmail labels.
-  Check Gmail.
-  Open settings & options.

Tap & hold icons to show labels.




- **Add Gmail™ accounts:** The first time you turned on your smartphone, you probably set up or logged in to your Google™ account. To add more Google accounts, tap Apps  →  **Settings** →  **Add account** → **Google**.

- **Add email accounts:** To add personal  **Email** accounts, tap Apps  →  **Settings** →  **Add account** → **Email**. For Microsoft® Exchange server work email accounts, tap  **Add account** → **Corporate**, and enter details from your IT administrator.

- **Change or delete accounts:** To change Gmail™ account settings, tap Apps  →  **Settings** → **Google**. To change email account settings, tap Apps  →  **Settings** → **Email** → **Account settings**. To delete an account, tap its name, then tap Menu  → **Remove account**.

## Quick responses

You can create and save frequently-used text phrases, and insert them in email messages you write.





- **Create a quick response:** Tap Apps  →  **Email** → **Account settings** → account name → **Quick responses** → **Create new**.
- **Insert a quick response:** When composing an email message, tap Menu  → **Insert quick response** → text.

**Note:** Quick responses are saved with the current email account. If you have multiple accounts, you'll need to create quick responses for each account.



## Chat

Sign in and try a quick chat.



**Find it:** Tap Apps  →  **Talk** and select your Google™ account.

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

For other chat options, use:




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

## Wireless Emergency Alerts

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



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

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

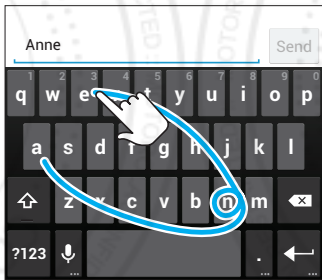
For more, visit [www.ctia.org/consumer\\_info/safety/](http://www.ctia.org/consumer_info/safety/).

# Type

## Quick start: Type

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

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



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

## Tips & tricks

- **Keyboard changes:** Your touchscreen keyboard changes depending on whether you're entering a text message, email, or other text.
- **Move the cursor:** Tap a spot in the text to place the cursor, then drag the arrow under the cursor to move it.
- **Your dictionary:** To add a word you enter often, enter it, tap the word in the word list below the text box, then tap there again to add it to your dictionary.
- **Symbols:** Touch and hold a key to enter the small number or symbol at the top of it.  
To enter several numbers or symbols, tap **123**.
- **Double letters:** Circle a letter to enter two of them.
- **Capital letters:** Tap **⇧** or drag it to the letter you want to capitalize.
- **Special characters:** Touch and hold a letter to choose from other special characters.
- **Voice entry:** Tap **🎤** on the touchscreen keyboard, then say what you want to type. You can speak as long as you like, pause whenever you want, and dictate punctuation to create correct sentences.

## Text entry settings & dictionary

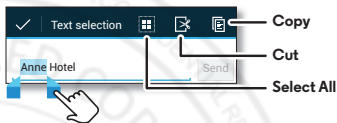
Choose your keyboard style and edit the dictionary of words your smartphone suggests:

**Find it:** Tap Apps (☰) → ⚙️ **Settings** → **Language & input**

- To choose your display keyboard, tap **Default**. To allow voice entry from the keyboard, tap **Google voice typing**.
- To change the preferences for your keyboard, tap ⚙️. You can change the language, automatic punctuation, and more.
- To add or edit the words that your smartphone suggests and recognizes, tap **Personal dictionary**.

## Cut, copy & paste

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



- 1 To highlight a word, double-tap it.  
To highlight more words, drag the selector arrow at the edge of the highlight.
- 2 Tap the icons to cut or copy.  
**Tip:** Touch and hold icons to show labels.
- 3 Open the text box where you want to paste the text (even if it's in a different app).
- 4 Tap in the text box, then touch and hold to show the **PASTE** option. Tap **PASTE** to paste the text.

# Socialize

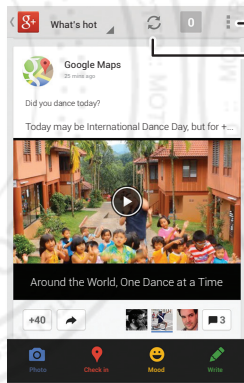
## Quick start: Socialize

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

**Find it:** Tap Apps (☰) →  **Google+**

### Tips & tricks


- **Upload photos:** Tap Apps (☰) →  **Gallery** and tap a photo or video. Choose  → **Google+** and select your account.



Open options.



Update the stream.


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

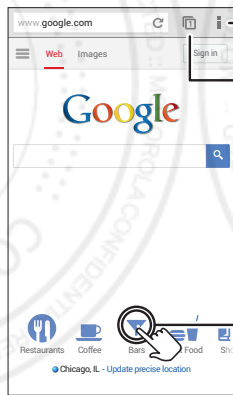
- **Add a widget:** Use a widget to quickly read your Google+ posts: Tap Apps (☰), tap **WIDGETS** at the top, then touch and hold **Google+ Posts** to drag it to your home screen.
- **Help:** For more about Google+, visit [www.google.com/+](http://www.google.com/+).
- **Other social networks:** You can also use Facebook®, Twitter, and more. Open Google Play™ Store to find the latest official apps and widgets.
- **Remove accounts:** To delete an account (along with its contacts and messages on your smartphone), tap Apps (☰) →  **Settings**, go to the **ACCOUNTS** section, and select the account. Tap the account again, then tap Menu (☰) → **Remove account**.

# Browse

## Quick start: Chrome™

**Find it:** Tap Apps  →  **Chrome**

- **Go to a webpage:** Tap the address bar at the top of a page and enter an address.
- **Add or open bookmarks:** Open the address bar (drag down), then tap Menu  → ☆ or **Bookmarks**.






Open options.

Show other browser tabs, or open a new one.

Tap a link to open it.  
Tap & hold for more options.




## Tips & tricks

- **Home screen shortcut:** In the home screen, tap the Google™ search box at the top and enter a website address.
- **Note:** If you can't connect, contact your service provider.
- **Mobile sites:** Some websites automatically show you a “mobile” version of their page—if you want to show the standard computer versions of all websites, tap Menu  → **Request desktop site**.
- **Reload:** If a page doesn't load correctly, try tapping .
- **Clear history:** In the browser, tap Menu  → **Settings** → **Privacy** → **CLEAR BROWSING DATA** at the bottom of the page. Then choose history, cache, cookies, and other options.
- **Help:** For more about Google Chrome, visit [www.supportgoogle.com/chrome](http://www.supportgoogle.com/chrome).

## Web connection


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

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

Tap connect to a Wi-Fi network, tap Apps  →  **Settings** → **Wi-Fi**, then tap the switch at the top to turn Wi-Fi  and

search for networks. There's more in **"Wi-Fi Networks"** on page 49.



## Bookmarks





To bookmark a page in your browser, tap Menu  → ☆.

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

## Downloads


**Warning:** Apps downloaded from the web can be from unknown sources. To protect your smartphone and personal data, only download apps from sources you trust, like **"Google Play™"** on page 13.

To download a file, picture, or webpage, tap Apps  →  **Chrome** and go to the website:

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














To download apps or smartphone updates, see **"Download apps"** on page 13 or **"Update your smartphone"** on page 15.

## Browser options

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

## Safe surfing & searching

Keep track of what your browser and searches show:

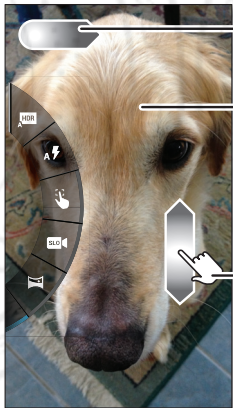
- **Browse incognito:** To open a tab that won't appear in your browser or search history, tap Apps  →  **Chrome** → Menu  → **New Incognito tab**.
- **Browser history, cache, and passwords:** To clear your browser history and other saved information, tap Apps  →  **Chrome** → Menu  → **Settings** → **Privacy** → **CLEAR BROWSING DATA**.
- **Automatic form completion:** When you enter your name in an online form, your browser can automatically enter your address information. If you don't want that, tap Apps  →  **Chrome** → Menu  → **Settings** → **Autofill forms**, then tap the switch at the top to turn it **OFF**.
- **Browser pop-ups:** To stop pop-up windows from opening, tap Apps  →  **Chrome** → Menu  → **Settings** → **Content settings** → **Block pop-ups**.
- **Voice search:** Tap the search box at the top of the browser screen, then tap **X** → .

# Photos & videos

## Quick start: Photos & Videos

Take super clear photos with a twist of your wrist and a tap on the screen.

**Find it:** Tap  **Camera**



Swipe right to open effects & settings. Rotate the dial to see more options.

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

Drag up or down with one finger to zoom.

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

## Tips & tricks

- **Take a photo:** Open the camera, then tap anywhere on the screen to take the photo.
- **Record a video:** Tap  in the camera screen to temporarily switch to the video camera and start recording. Then tap  to start or stop recording.
- **View, share, or delete:** To open your gallery, swipe the camera screen left. Pick a photo or video. Choose  to share,  to delete, or Menu  for more.
- **Change settings:** To open camera options, swipe the camera screen right.
- **Launch it:** Set your camera to open with just a shake. Swipe the camera screen right and tap . When your smartphone is asleep, hang your hand by your side and shake it twice front to back to open.
- **Zoom:** Drag the camera screen up or down.
- **Multi-shot:** When you're ready, touch and hold the camera screen to take a burst of photos.
- **Panorama:** To take a panoramic shot, swipe the camera screen right and tap . Use the on-screen guide to slowly pan your smartphone.
- **Clarify:** For the clearest photos and videos, clean the camera lens with a soft, dry cloth.




## Take photos


**Find it:** Tap  **Camera**

Touch anywhere on the camera screen to take the photo.

## Record videos

**Find it:** Tap  **Camera**, then tap 





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

**Tip:** To send a video in a text message, swipe the camera screen left to open your gallery, tap the video, then choose  to share.


## The perfect shot


Point, tap, and you're done. But when you want something a little different, play with these camera options.


**Tip:** To open camera options, swipe the camera screen right.


Options	
 <b>HDR</b>	Turn on HDR (high dynamic range) effect.
 <b>Flash</b>	Set <b>Flash On</b> , <b>Flash Off</b> , or <b>Auto Flash</b> .
 <b>Auto-focus</b>	Set the camera to automatically focus before you take a photo.
 <b>Slow motion</b>	Take a slow motion video.

### Options



 **Panorama** Take a wide-angle shot. Use the on-screen guide to slowly pan while you are taking the photo.

 **Geo-Tag** Tag your photos with a location.

 **Shutter tone** Turn the shutter click on or off.

 **QuickDraw** Catch it fast. When your smartphone is asleep, hang your hand by your side and shake it twice front to back to open the camera.

## Edit, share, or delete photos & videos

**Find it:** Tap Apps  →  **Gallery**





• **Play, share, or delete:** Tap a thumbnail to open it, then choose  to share it or Menu  for more.

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

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

**Tip:** Turn your smartphone sideways for a widescreen view.





- **Wallpaper or contact photo:** Open a picture, then tap Menu  → **Set picture as**.
  - **Edit:** Open a picture, then tap Menu  → **Edit**.
  - **Slideshow:** Open a folder, then tap Menu  → **Slideshow**. To stop the slideshow, tap the screen or Back .
- Tip:** To show the slideshow on a television or other device, see “**Connect & transfer**” on page 48.

## Capture your screen



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

To capture your smartphone’s screen, press and hold both the Power and the Volume Down keys for a few seconds.

To show the screen capture, tap Apps  →  **Gallery** → **Screenshots**.

## Play Movies & TV



Find and rent movies and TV shows to watch on your smartphone, tablet, or computer:

**Find it:** Tap Apps  →  **Play Movies & TV**.

To shop, rent, or watch on a computer, go to [www.google.com/play](http://www.google.com/play) and choose “Movies & TV”.

## YouTube™

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

**Find it:** Tap Apps  →  **YouTube**

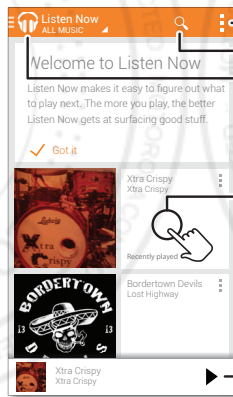
# Play Music

## Quick start: Music

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

**Find it:** Tap Apps (☰) →  **Play Music**

To access your Google Play™ Music with a computer, visit [www.google.com/music](http://www.google.com/music).



Fine tune audio settings & more.







Search for & download music.

Go to your music library or playlists.

Tap an album to see more info.

Tap to play the song, or swipe left or right to see others in your queue.

## Tips & tricks

- **Go back:** When you open a song or artist list, tap  in the top left to go back.
  - **Shuffle or repeat:** During a song, tap the screen to show shuffle  and repeat  at the bottom. Tap  once to repeat the current song list, or twice to repeat only the current song.
  - **Volume:** Press the volume keys.
  - **Hide the music player:** To use another app while your music plays, tap Home . To return to the music player, drag down the status bar and tap the song title.
  - **Home screen:** Control music playback from the home screen by adding the **Google Play Music** widget.
  - **Shop:** Tap  to shop for more music.
  - **Playlists:** Touch and hold a song in your library to add it to a playlist or show other options. To edit, rename, or delete a playlist, touch and hold its name in the music library.
  - **During a flight:** Press and hold the Power key → **Airplane mode** to turn off all your network and wireless connections and listen to music during a flight.
  - **File types:** Your smartphone can play MP3, M4A, AAC, AAC+, MIDI, and WAV files.
- Note:** Copyright—do you have the right? Always follow the rules. See **“Content Copyright”** in your legal and safety information.

# Play Books

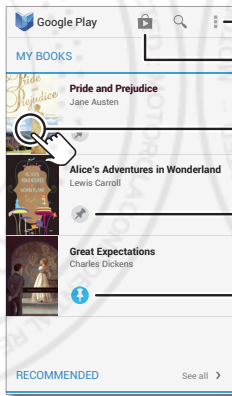
## Quick start: Books

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

**Find it:** Tap Apps (☰) →  **Play Books**

### Tips & tricks

- **Turn pages:** While reading the book, turn the pages by swiping them.






Open options.


Shop for books.

Tap a book to open & start reading.

Tap to download the book to your smartphone.

Tap to delete the local copy of the book stored on your smartphone.

- **Recent page:** When you open a book, it shows the last page you were reading.
- **Table of contents:** Tap a book page, then tap Menu (☰) to open its table of contents or your book display options.
- **Close:** To return to your book list, tap  in the top left.
- **Shop:** To shop for books, tap Apps (☰) →  **Play Books**, then tap  in the top right.

Browse by category, or tap  and search for a title or author. Tap a book to show details. Then, tap the book's price to buy it (or tap **OPEN** to open a free book). After you confirm a purchase, the book is added to your library.

- **Magazines:** Tap Apps (☰) →  **Play Magazines**.

# Locate & navigate

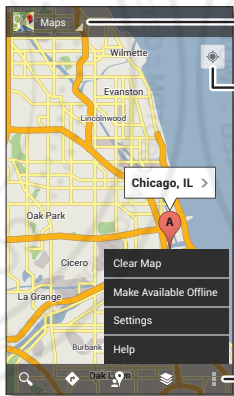
## Quick start: Locate & navigate

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

**Find it:** Tap Apps (☰) →  **Maps**






### Tips & tricks

- **Find an address:** Enter the address in the search box at the top. The map moves to show the address.



See more map & navigation options.

Center the map on your location.


-  Search maps.
-  Get directions.
-  Find restaurants & more.
-  See more map details.
-  See options & settings.

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

## Google+ Local™

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

**Find it:** Tap Apps (☰) →  **Local**

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



## Google Maps™ with Navigation beta

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

**Find it:** Tap Apps  →  **Navigation**

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

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

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



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

For more, go to [www.google.com/mobile/navigation](http://www.google.com/mobile/navigation).

## Google Latitude™




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

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

To use Google Latitude after you join, tap Apps  →  **Maps**, tap **Maps** at the top, then choose **Latitude**:

- To **add** friends, tap .

Tap **Select from Contacts** or **Add via email address**. Your friend will receive an email notice.

- To **remove** friends, tap  next to their name.
- To **share** your location when you receive a request, you can choose **Accept and share back** (show your location and see theirs), **Accept, but hide my location** (hide your location, but see theirs), or **Don't accept** (hide both locations).
- To **hide** your location, tap Menu  → **Location Settings** → **Location reporting** → **Do not update your location**.
- To **disable** location sharing, tap Menu  → **Location Settings**, and uncheck **Enable location sharing**.

## Work

### Corporate sync

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

- To add your **Corporate** account, see “**Email**” on page 32.
- To choose what to sync from your **Corporate** account, tap Apps (⋮) → ⚙️ **Settings** → **Corporate**, tap your account, then check options like **Calendar**, **Contacts**, or **Email**.

### Quickoffice™

Use Quickoffice to open and edit files online.

**Find it:** Tap Apps (⋮) → 📁 **Quickoffice**

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

- To place your cursor, tap the text.
- To select text, double-tap it.
- To open a keyboard, format text, save the file, or choose other options, tap Menu (☰).

### Office network

To connect your office network with a Virtual Private Network connection, see “**Virtual Private Networks (VPN)**” on page 55.

### Google Drive™

Massive amounts of storage. Easy access. Upload pictures, docs, and other files to the web, so you can access them from a computer or other Android devices. Tap Apps (⋮) → 📁 **Drive**. Visit <http://drive.google.com>.

### Clock

**Find it:** Tap Apps (⋮) → 🕒 **Clock** → 🕒 (in the lower left)



- **Alarm:** Touch an alarm to edit it, or touch + to add a new alarm.  
When an alarm sounds, touch 🌞 to turn it off or **z<sup>z</sup>** snooze for ten minutes.
- **Settings:** To change your alarm sound, snooze delay, or other settings, touch Menu (☰) → **Settings**.
- **Timer:** For a timer, touch ⏸.
- **Stopwatch:** For a stopwatch, touch ⏱.




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


# Calendar

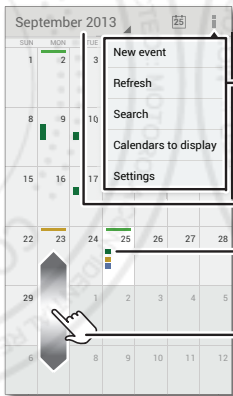
See events stored on your smartphone and in your online calendars, all together in one place.

**Find it:** Tap Apps  → [31](#) **Calendar**

- **Change the view:** Tap the date at the top left to choose **Day, Week, Month, or Agenda**.
- **Go to today's date:** Tap  at the top of the screen.
- **Add events:** From any view, tap Menu  → **New event**, enter event details, then tap ✓ **DONE**.

- **Show, edit, or delete events:** Tap an event to open it, then tap edit  or delete .
- **Show, hide, or add calendars:** Tap Menu  → **Calendars to display** to show or hide calendars from your Google™ account. You can use a computer to add or remove calendars on your Google account at [www.google.com/calendar](http://www.google.com/calendar).

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



Calendar Menu

Change the calendar view.

Other calendar events appear in different colors.

Scroll to see other months.

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# Connect & transfer

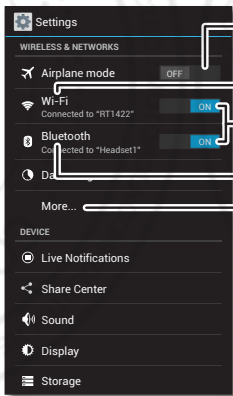
## Quick start: Connect & transfer

Connect accessories, computers, networks, and more.

**Find it:** Tap Apps (☰) → ⚙️ **Settings**

### Tips & tricks

- **Bluetooth® devices:** To connect a Bluetooth headset, keyboard, or other device, tap **Bluetooth**.
- **Wi-Fi networks:** To connect, tap **Wi-Fi**.



Turn **ON** to disable all wireless connections.

Change Wi-Fi settings.

Turn Wi-Fi or Bluetooth power **ON** or **OFF**.

Change Bluetooth settings.

Turn on portable Wi-Fi hotspot, NFC, and more.

- **Wi-Fi hotspot:** To make your smartphone a hotspot, tap **More** → **Tethering & Mobile Hotspot**, then check **Mobile Hotspot**. You can change hotspot security.
- **USB cable:** Your smartphone's micro USB port lets you exchange media and other files with a connected computer. To change the type of USB connection, tap Apps (☰) → ⚙️ **Settings** → **Storage** → Menu (☰) → **USB computer connection**.
- **Automatic connections:** When Bluetooth or Wi-Fi power is **ON**, your smartphone automatically reconnects to available devices or networks it has used before.
- **Airplane mode:** Need to shut down wireless connections quickly? Drag the status bar down and tap ⚙️ → ⚙️ **Settings** → **Airplane mode**. Or, touch and hold the Power key → **Airplane mode**.

## Bluetooth® wireless



### Turn Bluetooth power on/off


**Find it:** Tap Apps (☰) → ⚙️ **Settings**, then tap the **Bluetooth** switch to turn it **ON**


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

## Connect devices

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

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

**Tip:** Tap  next to a device to rename it.

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

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

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

## Manage devices

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



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

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



To change the name your smartphone shows to other devices, tap Apps  →  **Settings** → **Bluetooth**, turn Bluetooth power on, then tap Menu  → **Rename phone**. Enter a name and tap **Rename**.

## Let devices find your smartphone

To let a Bluetooth device discover your smartphone:

- 1 Tap Apps  →  **Settings** → **Bluetooth**.
- 2 Tap your smartphone's name at the top to switch between **Not visible to other Bluetooth devices** and **Visible to all nearby Bluetooth devices** (for two minutes).

## Transfer files

- **Photos or videos:** Open the photo or video, then tap  → **Bluetooth**.
- **People:** Tap **People**, tap a person, then tap Menu  → **Share** → **Bluetooth**.

## Wi-Fi Networks

### Wi-Fi enhanced connectivity

When you use the browser or other internet apps, your smartphone scans for Wi-Fi networks (even when Wi-Fi is turned off) and prompts you to switch to a Wi-Fi network. If you have a usage-based data plan, you can conserve your monthly data allowance by using a Wi-Fi connection.

## Turn Wi-Fi power on/off

**Find it:** Tap Apps (☰) → ⚙️ **Settings**, then tap the **Wi-Fi** switch to turn it **ON**.

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

## Connect to networks


To find networks in your range:


**1** Tap Apps (☰) → ⚙️ **Settings** → **Wi-Fi**.

**Tip:** To show your smartphone's MAC address and Wi-Fi settings, tap Menu (☰) → **Advanced**.

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

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

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

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

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

## Manage networks

To remove a network, tap it in the list, then tap **Forget**.

To manage your networks, tap Apps (☰) → ⚙️ **Settings** → **Wi-Fi**, turn Wi-Fi power on, then tap Menu (☰) → **Manage Networks**.

## Wi-Fi hotspot

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

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

**Find it:** Tap Apps (☰) → ⚙️ **Settings** → **More** → **Tethering & Mobile Hotspot** and check **Mobile Hotspot**

**1** Your smartphone turns off **Wi-Fi** power and uses the mobile network for internet access. Tap **Mobile Hotspot Settings** → **Configure Mobile Hotspot** to set up security:

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

**Note:** **WPA2** is recommended by IEEE.

- **Channel:** If you notice interference after your hotspot has been active for a while, try different channels.

## 2 Tap **Save** when the settings are complete.




When your Wi-Fi hotspot is active, other Wi-Fi enabled devices can connect by entering your hotspot's **SSID**, selecting a **Security** type, and entering the correct **Wireless password**.

### Wi-Fi modes

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

### USB cables

**Note:** Copyright—do you have the right? Always follow the rules. See “**Content Copyright**” on page 64.

To load music, pictures, videos, documents, or other files from your computer, connect your smartphone to your computer with a USB cable. To change the type of USB connection (if necessary), tap Apps  →  **Settings** → **Storage** → Menu  → **USB computer connection**.

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

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

- For Microsoft® Windows® XP, Windows Vista, and Windows 7: On your computer, choose Start, then select Windows Explorer from your list of programs. In Windows

Explorer, your smartphone will appear as a connected drive (mass storage device) where you can drag and drop files, or it will appear as an MTP or PTP device that lets you use Windows Media Player to transfer files. For more instructions or driver files, visit

[www.motorola.com/mydroidazrm](http://www.motorola.com/mydroidazrm).

- For Apple™ Macintosh™: Use Android File Transfer, available at [www.android.com/filetransfer](http://www.android.com/filetransfer).



### Share your data connection

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

**Tip:** To share a Wi-Fi connection, see “**Wi-Fi hotspot**” on page 50.

- 1 Connect your smartphone to your computer using a USB cable.

**Note:** If your computer is running something older than Microsoft® Windows® 7 or Apple™ Macintosh™ OS X, it might require special configuration.

- 2 On your smartphone, tap Apps  →  **Settings**, then make sure the **Wi-Fi** switch is set to **OFF**.

- 3 In **Settings**, tap **Tethering & Mobile Hotspot**, then check **USB tethering** to start the connection.

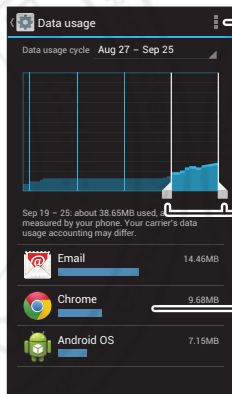
To stop the connection, uncheck **USB tethering**, then disconnect your smartphone from your computer.

## Data use

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

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

**Find it:** Tap Apps (☰) → ⚙️ **Settings** → **Data usage**



Set data restrictions & turn off auto-sync data.

Drag the white bars to change date ranges.

Tap an app to show or restrict background data.

The graph shows data use on your mobile network. Below the graph, apps are listed from highest to lowest data use.

**Tip:** Apps that use a lot of data might also use a lot of battery power.

Some apps transfer data in the background when you're not viewing them—to stop an app from doing this, tap it and then check **Restrict background data**.

To turn off background data use for all apps, just tap Menu (☰) → **Restrict background data**.

## NFC

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



**Find it:** Tap Apps (☰) → ⚙️ **Settings** → **More**, and make sure that **NFC** is checked

## Share with Android Beam™

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

- 1 Tap Apps (☰) → ⚙️ **Settings** → **More** → **Android Beam**, then tap the power switch to turn it **ON**.
- 2 Open the screen with the content you want to share (such as a photo or web page).

- 3 Touch the back of your smartphone to the back of the other device.

When the devices connect, you'll see **Touch to Beam** on your smartphone.

- 4 Tap your screen to share your content.

## Receive with NFC

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

## Bluetooth & Wi-Fi one-touch setup

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

## Mobile payment

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

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

## Security


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

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

## Droid Zap

Droid Zap technology lets you instantly share photos and videos with the people around you.

**Find it:** Tap Apps  →  **Settings** → **Droid Zap**, then tap the power switch to turn it **ON**

To **send** a picture or video, tap Apps  →  **Gallery**, select a photo or video, then swipe up with two fingers to zap it to your friends.

To **receive** your picture/video, your friends have to swipe down with two fingers on their smartphones.

## Wireless Play

Share YouTube videos. Browse the web with your friends. Play your favorite games on the big screen. Wireless Play lets you show your smartphone's screen on any big screen display or

home theater system that supports Miracast™ wireless display technology.

**Find it:** Tap Apps (☰) → ⚙️ **Settings** → **Display** → **Wireless display**, then tap the power switch to turn it **ON**.

Your smartphone scans for nearby compatible wireless display devices. Select a device to mirror your smartphone display on the big screen.

## Your cloud

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

### Sync your Google™ account

When you log in to the same Google account, all devices can get to all the same apps, movies, books, and music from **“Google Play™”** on page 13—plus you share the same Gmail™, Google Calendar™, and other Google services. To add accounts to your smartphone, tap Apps (☰) → ⚙️ **Settings** → **+ Add account** → **Google**.

## Smartphone & tablet

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


- **Transfer media and files:** Copy files to your smartphone and transfer them to other devices—see **“Transfer files”** on page 49.

- **Smartphone hotspot:** If you have a Wi-Fi tablet, turn your smartphone into a Wi-Fi hotspot to let your tablet access the internet anywhere—see **“Wi-Fi hotspot”** on page 50.
- **Bluetooth® accessories:** If you have a Bluetooth keyboard or other accessories to use with your tablet, remember you can use them with your smartphone too. To connect them, see **“Bluetooth® wireless”** on page 48.

## DLNA™ media devices

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



- 1 Make sure your smartphone is connected to a Wi-Fi network that has another DLNA Certified device.
- 2 Tap Apps (☰) → 🖼️ **Gallery**, then open the picture or video you want to show.
- 3 Tap  at the top of the screen.  
Your smartphone searches for DLNA devices on your network.
- 4 Choose a device to connect.

For more about DLNA devices, visit [www.dlna.org](http://www.dlna.org).

## Virtual Private Networks (VPN)

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

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

## Mobile network

You should not need to change any network settings. Contact Verizon Wireless for help.

Tap Apps (☰) → ⚙️ **Settings** → **More** → **Mobile networks** to see network settings options.

## Airplane mode

Use airplane mode to turn all your wireless connections off—useful when flying. Press and hold the Power key → **Airplane mode**.

**Note:** When you select airplane mode, all wireless services are disabled. You can then turn Wi-Fi and/or Bluetooth® power back on, if permitted by your airline. Other wireless voice and data services (such as calls and text messages) remain off in airplane mode. Emergency calls to your region's emergency number can still be made.

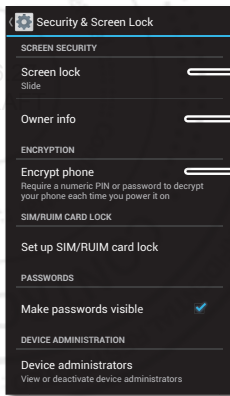
## Protect

### Quick start: Protect

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

**Find it:** Tap Apps (☰) → ⚙️ **Settings** → **Security & Screen Lock**

The easiest way to protect your smartphone is to use **Screen lock**. You can choose facial recognition, a pattern, PIN, or other options to unlock your smartphone.



For a screen lock, you can use facial recognition, a pattern, password, or other options.

Add some info to show on your lock screen.

Encrypt the data stored on your smartphone.



## Tips & tricks

- **Face unlock:** Unlock your smartphone by looking at it. Tap Apps (⋮) → ⚙️ **Settings** → **Security & Screen Lock** → **Screen lock** → **Face Unlock** and follow the prompts.
- **Forgotten pattern, PIN, or password:** If you forget your pattern, PIN, or password, you can enter your Google™ account email and password to unlock the smartphone (see “**Can’t unlock?**” on page 56).

## Screen lock

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

**Find it:** Tap Apps (⋮) → ⚙️ **Settings** → **Security & Screen Lock** → **Screen lock**, then select the lock type:

- **None:** Turn off the screen lock.
- **Slide:** Touch (🔒) and drag to the outer circle that appears.
- **Face Unlock:** Look at your smartphone to unlock it.

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

**Note:** This feature is less secure than a pattern, PIN, or password.

- **Pattern:** Draw a pattern to unlock.
- **PIN:** Enter four to sixteen digits to unlock.

- **Password:** enter four to sixteen letters, digits, or symbols to unlock.

To change when your touchscreen goes to sleep, see “**Power key**” on page 18.

**Note:** You can make emergency calls on a locked smartphone (see “**Emergency calls**” on page 27). A locked smartphone still rings, **but you need to unlock it to answer.**

## Can't unlock?

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

**Pattern, PIN, or password:** If you forget your pattern, PIN, or password, you can enter your Google™ account email and password to unlock the smartphone.

If you don't have a Google™ account on your smartphone, contact Verizon Wireless to have your device factory reset.

**Warning:** A factory reset will delete all data on your smartphone.

## SIM lock

**Note:** Your smartphone's four-digit SIM PIN code is originally set to **1111**. You should change this code to keep your smartphone secure.

**Caution:** If you enter an incorrect SIM PIN code three times, your smartphone locks your SIM card and asks for your PIN

unlock code. Contact Verizon Wireless for your PIN unlock code.

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

**Find it:** Tap Apps  →  **Settings** → **Security & Screen Lock** → **Set up SIM card lock** → **Lock SIM card**

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

## Encrypt your smartphone



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

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



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

**Find it:** Tap Apps  →  **Settings** → **Security & Screen Lock** → **Encrypt phone**

## Backup & restore

Your Google™ account data is backed up online. If you reset or replace your smartphone, just log in to your Google account to restore the contacts, events, and other details you synced with the account. To choose what syncs with the account, tap Apps  →  **Settings** → **Google**, tap your Google account, and check things to sync. Please note that text messages, call logs, and items stored on your smartphone will not be restored. To restore your Google Play™ Store apps, see **“Take Care of your apps”** on page 14.

## Reset





To reset your smartphone to factory settings and erase all the data on your smartphone, tap Apps  →  **Settings** → **Privacy** → **Factory Data Reset** → **Reset Phone**.

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

## Want more?

### Get more!

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

- **Tutorials & Help:** Tap Apps  →  **Help** to get walk-through tutorials or chat with people who can help.
- **Updates:** Get smartphone updates, PC software, online help, guides, and more at [www.motorola.com/mydroidMINI](http://www.motorola.com/mydroidMINI).
- **Accessories:** Find accessories for your smartphone at [www.motorola.com/mobility](http://www.motorola.com/mobility).
- **Apps:** Tap Apps  →  **Play Store**.
- **News:** Get the latest news, apps, tips & tricks, videos and so much more—join us on:

 **YouTube™** [www.youtube.com/motorola](http://www.youtube.com/motorola)

 **Facebook®** [www.facebook.com/motorola](http://www.facebook.com/motorola)

 **Twitter** [www.twitter.com/motomobile](http://www.twitter.com/motomobile)

 **Google+™** [www.google.com/+](http://www.google.com/+)

### Tips & tricks

- **Google™ help:** In every Google app, you can tap Menu  → **Help**. You can also view the Google help centers online at [www.google.com/support](http://www.google.com/support).

## Troubleshooting

### Crash recovery

In the unlikely event that your smartphone stops responding to touches and key presses, try a reboot—press and hold both the Power and the Volume Down keys for about 15 seconds. If necessary, hold the Power key to turn your smartphone back on.

### Service & repairs

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

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

# Safety, Regulatory & Legal

safe, smart, protected

## Battery Use & Safety

**Warning:** Your mobile device contains a battery that should only be removed by a Motorola approved service center or recycler.

- Don't try to remove or replace the battery yourself. Attempting to remove or replace the battery may damage the battery and may cause burning and injury.
- Don't try to take apart or fix your phone. Attempting to take apart or fix your phone may damage the battery and may cause burning and injury.
- Don't crush, bend, or expose your phone to heat or liquid. This may damage the battery and may cause burning and injury.

## Battery Charging

**Notes for charging your product's battery:**

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

## Third Party Accessories

Using third party accessories, including but not limited to batteries, chargers, headsets, covers, cases, screen protectors, and memory cards, may impact your mobile device's performance. Using a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard. Motorola's warranty doesn't cover damage to the phone caused by non-Motorola batteries and/or chargers. For a list of Motorola accessories, visit [www.motorola.com/us/consumers/Accessories/accessories\\_en\\_US.sc.htm](http://www.motorola.com/us/consumers/Accessories/accessories_en_US.sc.htm) (in English only).

## Driving Precautions

Responsible and safe driving is your primary responsibility when driving a vehicle. Making calls or using applications while driving may cause distraction, and may be prohibited or restricted in certain areas—always obey local laws and regulations for the use of mobile devices and accessories in the vehicle.

**While driving, ALWAYS:**

- Keep your eyes on the road.
- Use a handsfree device if available or required by law in your area.
- Enter destination information into a navigation device **before** driving.
- Use voice activated features (such as voice dial) and speaking features (such as audible directions), if available.
- Concentrate on driving, and stop using the mobile device if you can't concentrate.

Pull over safely before using your mobile device to send messages, surf the web, or use other applications.

## Seizures, Blackouts & Eyestrain

To reduce eyestrain and avoid headaches, it is always a good idea to hold the screen a comfortable distance from your eyes, use in a well-lit area, and take frequent breaks.

Some people may be susceptible to seizures or blackouts (even if they have never had one before) when exposed to flashing lights or light patterns, such as when playing video games, or watching videos with flashing-light effects.

Discontinue use and consult a physician if any of the following symptoms occur: seizures, blackout, convulsion, eye or muscle twitching, loss of awareness, or disorientation.

## Caution About High Volume Usage

**Warning:** Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the sound, the less time is required before your hearing could be affected. To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

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

## Repetitive Motion

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



## Children

**Keep your mobile device and its accessories away from small children.** These products are not toys and may be hazardous to small children. For example, a choking hazard may exist for small, detachable parts.

**Supervise access.** If a child does use your mobile device, monitor their access to help prevent loss of data or unexpected charges for data or application purchases.

## Glass Parts

Some parts of your mobile device may be made of glass. This glass may break if the product receives a substantial impact. If glass breaks, don't attempt to service the device yourself. Stop using your mobile device until the glass is replaced by a qualified service center.

## Use & Care

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



### liquids

Don't expose your mobile device to water, rain, extreme humidity, sweat, or other liquids.



### drying

Don't try to dry your mobile device using a microwave oven, conventional oven, or dryer.



### extreme heat or cold

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



### dust and dirt

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



### cleaning

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



### shock and vibration

Don't drop your mobile device or expose it to strong vibration.



### protection

To help protect your mobile device, always make sure that all connector and compartment covers are closed and secure, and avoid carrying it with hard objects such as keys or coins.

## Operational Warnings

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

### Potentially Explosive Areas

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

Turn off your mobile device before entering such an area, and do not charge batteries. In such areas, sparks can occur and cause an explosion or fire.

### Symbol Key

Your charger, mobile device, device display, user's guide, or packaging may contain symbols, defined as follows:

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

## Radio Frequency (RF) Energy

### Exposure to RF Energy & Device Operation

Your mobile device contains a transmitter and receiver of RF energy. It is designed to comply with regulatory requirements concerning human RF exposure.

For optimal device performance, and to stay within the RF exposure guidelines:

- Hold your mobile phone like a landline when talking on it.
- When using the mobile phone next to your body (other than in your hand or against your head), maintain a distance of 2.5 cm (1 inch) from your body to be consistent with how the mobile phone is tested for compliance with RF exposure requirements.
- If you use your mobile phone with an accessory case or holder, make sure the accessory is free of metal.

### Follow Instructions to Avoid Interference Problems

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

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

### Medical Devices

If you use an implantable pacemaker or defibrillator, consult your healthcare provider and the device manufacturer's directions before using this mobile device.

Persons with a pacemaker or defibrillator should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the pacemaker or defibrillator when the mobile device is turned ON.
- Use the ear opposite the pacemaker or defibrillator to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

## Specific Absorption Rate (FCC & IC)

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

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

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

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

Head SAR	CDMA 1900, Wi-Fi, Bluetooth	1.02 W/kg
Body-worn SAR	CDMA 850, Wi-Fi, Bluetooth	0.53 W/kg

During use, the actual SAR values for your device are usually well below the values stated. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

If you are interested in further reducing your RF exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body.

Additional information can be found at [www.motorola.com/rfhealth](http://www.motorola.com/rfhealth).

## European Union Directives Conformance Statement

The following CE compliance information is applicable to Motorola mobile devices that carry one of the following CE marks:



Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives

For products that support Wi-Fi 802.11a (as defined in your product information): This device is restricted to indoor use when operating in the 5.15 to 5.25 GHz (802.11a) Wi-Fi frequency band.

The following gives an example of a typical Product Approval Number:



Product  
Approval  
Number

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at [www.motorola.com/rtte](http://www.motorola.com/rtte) (in English only). To find your DoC, enter the Product Approval Number from your product's label in the "Search" bar on the website.

## FCC Notice to Users

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

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

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

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

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

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

## Industry Canada Notice to Users

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

## Software Notices

### Warning against unlocking the bootloader or altering a product's operating system

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

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

## Location Services

Motorola mobile devices can provide information about their approximate location to applications, using sources including GPS, AGPS, and Wi-Fi. GPS (Global Positioning System) uses government-operated satellites that are subject to changes implemented in accordance with Department of Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device. AGPS (Assisted Global Positioning System) uses your wireless service provider's network to improve GPS performance. Airtime, data fees, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details. Your mobile device can also use Wi-Fi signals to determine your approximate location, using information from known and available Wi-Fi networks.

Mobile devices transmit location-based information when connected to a wireless network or when using other location technologies like GPS. If you use applications that require location-based information such as driving directions, your mobile device will provide location information to them. These applications may share location information with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

## Emergency Calls

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

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

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

## Navigation

If your Motorola mobile device provides navigation features, note that mapping information, directions, and other navigational data may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic, and all other factors that may impact driving. Always obey posted road signs.

## Privacy & Data Security

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

- **Monitor access:** Keep your mobile device with you and don't leave it where others may have unmonitored access. Use your device's security and lock features, where available.
  - **Keep software up to date:** If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
  - **Secure Personal Information:** Your mobile device can store personal information in various locations, including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.
- Note:** For information on how to backup or wipe data from your mobile device, go to [www.motorola.com/support](http://www.motorola.com/support)
- **Online accounts:** Some mobile devices provide a Motorola online account. Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).
  - **Applications and updates:** Choose your apps and updates carefully, and install from trusted sources only. Some apps can impact your mobile device's performance and/or have access to private information including account details, call data, location details, and network resources.
  - **Wireless:** For mobile devices with Wi-Fi features, only connect to trusted Wi-Fi networks. Also, when using your device as a hotspot (where available), use network security. These precautions will help prevent unauthorized access to your device.

- **Location-based information:** Mobile devices enabled with location based technologies such as GPS, AGPS or Wi-Fi, can transmit location-based information. See "Location Services" for more details.



- **Other information your device may transmit:** Your mobile device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

If you have further questions about how using your mobile device may impact your privacy or data security, please contact Motorola at [privacy@motorola.com](mailto:privacy@motorola.com), or contact your service provider.

## Disposal & Recycling

### Mobile Devices & Accessories

Please don't dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. **Warning: Never dispose of batteries, either separately or within a mobile device, in a fire because they may explode.** Mobile devices or electrical accessories should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Or, you may return unwanted Motorola mobile devices and electrical accessories to any Motorola Approved Service Center in your region. For details on approved national recycling schemes and Motorola recycling activities, go to:

[www.motorola.com/recycling](http://www.motorola.com/recycling)

### Packaging & Product Guides

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

## Hearing Aid Compatibility with Mobile Phones

Please visit [www.motorola.com/hacphones](http://www.motorola.com/hacphones) or see the user's guide for your phone model.

## Software Copyright

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

except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

## Content Copyright

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

## Open Source Software Information

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

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

The Motorola website [opensource.motorola.com](http://opensource.motorola.com) (in English only) also contains information regarding Motorola's use of open source.

Motorola has created the [opensource.motorola.com](http://opensource.motorola.com) website to serve as a portal for interaction with the software community-at-large.

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

## Export Law Assurances

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



## Product Registration

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

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

Thank you for choosing a Motorola product.

## Service & Repairs

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

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

## How to Obtain Service or Other Information

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

**To obtain service or other information, please access and review the online Customer Support section of Motorola's consumer website at [www.motorola.com](http://www.motorola.com).**

## Motorola Mobility LLC Limited Global Warranty Mobile Phones

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

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

### Who is Covered?

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

### What Does this Limited Warranty Cover?

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

Repairs made under this Limited Warranty are covered for the balance of the original Warranty Period, or 90 days from the date of service, whichever is longer. Any upgrade to the original product will be covered only for the duration of the original Warranty Period. This Limited Warranty is only available in the country where the Product was purchased. Motorola may provide service outside the country of purchase, to the extent that it is possible and under the terms and conditions of the country of purchase.

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

### What Will Motorola Do?

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

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

## Exclusions (Products and Accessories)

### This warranty does not apply to:

- (a) **Consumable parts**, such as batteries or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship. As with all batteries, the maximum capacity of the battery will decrease with time and use; this is not a defect. Only defective batteries and batteries that leak are covered by this warranty.
- (b) **Cosmetic damage**, including but not limited to scratches, dents, cracks or other cosmetic damage.
- (c) **Damage caused by use with non-Motorola products**. Defects or damage that result from the use of non-Motorola branded or certified Products, accessories or other peripheral equipment, including without limitation housings, parts, or software, are excluded from coverage.
- (d) **Damage caused by accident, abuse, misuse, liquid contact, fire, earthquake or other external causes**; including but not limited to: (i) improper usage or operation (e.g. operating the Product outside their permitted or intended uses as defined by Motorola, including but not limited to as set forth by Motorola in the Products' User Manual, Quick Start Guide, Online Tutorials, and other documentation), improper storage (e.g. subjecting the Product to extreme temperatures), abuse or neglect (e.g. broken/bent/missing clips/fasteners/connectors); impact damage (e.g. dropping the Product) (ii) contact with liquids, water, rain, extreme humidity, heavy perspiration or other moisture; sand, food, dirt or similar substances (except for Products sold as resistant to such substances, but only to the extent the damage was not caused by incorrectly securing the phone's protective elements or subjecting the Product to conditions beyond its stated specifications or limits); (iii) use of the Products for commercial rental purposes; or (iv) external causes or acts which are not the fault of Motorola, including but not limited to flood, fire, earthquake, tornado or other acts of God, are excluded from coverage.
- (e) **Unauthorized Service or Modification**. Defects or damage resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way, including but not limited to tampering with or altering the software, by someone other than Motorola, or its authorized service centers, are excluded from coverage. Notwithstanding the foregoing, any Product which has had its bootloader unlocked, or whose operating system has been altered, including any failed attempts to unlock the bootloader or alter such operating system, is not covered by this warranty, regardless of whether such modifications are authorized, approved, or otherwise sanctioned by Motorola.

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Product ID: Droid MINI (Model XT1030)

Manual Number: 68017479001-A