User guide.

verizon /



Check it out

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

- Watch: Watch your favorite TV channels when you're away from home. See "Photos & videos" on page 42.
- Automate: Optimize and customize your phone with the Motorola Experience. See "Discover your Moto app features" on page 14.
- Connect: Reach out and connect with Wi-Fi networks, Bluetooth® devices, or just by touching NFC phones. See "Connect & transfer" on page 47.

Tip: You don't need to carry this guide with you. You can view all of these topics in your phone—from the home screen tap Apps (::) > **? Help**.

Contents

Check it out	
At a glance	
Start	
Home screen & apps	10
Control & customize	16
Accessibility	2
Calls	24
Contacts	27
Messages	30
Type	33
Organize	35
Google Apps™	37
Browse	39
Photos & videos	4 [·]
Play Music	44
Locate & navigate	45
Connect & transfer	
Protect	
Want more?	
Copyright & Trademarks	

At a glance

First look

Let's get started. We'll guide you through startup and tell you a bit about your phone's features.

Note: Software updates happen frequently, so your phone may look a little different.



Tips & tricks

- **Start:** The SIM card is pre-installed in your phone. Just charge up and power on, then follow the screen prompts to set up your phone. See "**Start**" on page 6.
- Top topics: Just want a quick list of what your phone can do? See "Hot topics" on page 5.
- Help: All your questions about your new phone answered right on your phone. Tap Apps :> ? Help. Want even more? See "Get help & more" on page 57.

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



This product meets the applicable national or international RF exposure guidance (SAR guideline) when used normally against your head or, when

worn or carried, at a distance of 1.0 cm from the body. The SAR guideline includes a considerable safety margin designed to assure the safety of all persons, regardless of age and health.

Caution: Before using your phone, please read the Legal Guide by tapping Apps (iii) > (iii) Settings > Legal information.

Hot topics

Check out what your phone can do.

Topic	Location
Find these fast: Wi-Fi, airplane mode, flashlight, and more.	" Quick settings " on page 21.
Pinch, zoom, swipe, and more.	See "Controls and gestures" on page 17.
Choose new wallpaper, sounds, and more.	"Redecorate your home screen" on page 20.
More megapixels for clearer photos.	" Take photos " on page 43.
Access the internet.	"Browse" on page 40.
Browse, shop, and download apps.	" Download apps " on page 14.
Keep your info safe. Set up your password and more.	"Protect" on page 54.
Never get lost again.	" Locate & navigate " on page 46.
Save data charges. Use Wi-Fi.	" Wi-Fi Networks " on page 49.
Stuck? Confused?	" Help & more " on page 12.

Start

Remove the back cover

If you need to insert SIM and memory cards, remove the back cover.

Note: Don't use tools to remove the cover—doing so may damage your phone.

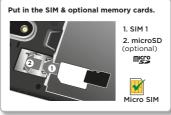


Remove the battery and put in the cards

Your 4G nano SIM card is already installed in your phone. If you need to replace the SIM card or insert an optional microSD memory card, follow these instructions.

Caution: Make sure you use the correct size SIM cards and don't cut the SIM cards. Don't use tools to remove the battery—doing so may damage your phone





Start

Put on the cover & power on

Put on the back cover. Charge your phone fully and turn the power on. Then select your language and follow the screen prompts to get started.

Warning: Please use only an approved charging accessory to charge your phone. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.





Battery life

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

When your phone is stationary, not charging, or not in use for a period of time, unnecessary background processes are shut down to optimize battery life.

To see what's using up battery power, tap Apps (iii) > (iii)

Settings > Battery.

To help improve battery life, tap Apps (iii) > (iii) Settings > Battery > Menu • Sattery saver.

Tip: To quickly open **Settings**, swipe the status bar or lock screen down with two fingers and tap \clubsuit .

Tips & tricks

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

- Bluetooth® use: Tap Apps (;;;) > (; Settings > Bluetooth and turn it off when you don't need it.
- GPS use: Tap Apps ::: > (a) Settings > Location > Mode > Battery saving to turn off GPS tracking.
- Display brightness: Tap Apps (:::) > (a) Settings > Display > Brightness level and drag the brightness slider left.
 Make sure Adaptive brightness is also turned on.

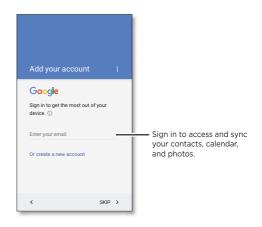
- Display timeout delay: Tap Apps (iii) > (iii) > (iiii) > (iiiii) > (iiii) > (iii
- Activity of seldom used apps: Tap Apps (::) > (is Settings > Battery, then tap Menu > Sattery optimization > All apps. Tap the app you want to adjust, then tap Optimize.
- Widgets that stream information to your home screen, like news or weather.
- Unused online accounts that you registered: Tap Apps (::) > (i) Settings > Accounts. Tap the account you want to remove. Tap it again, then tap Menu > Remove account.
- Recording or watching videos, listening to music, or taking pictures.

Warning: Don't try to remove or replace the battery yourself—doing so may damage the battery and could cause burning and injury. If your phone becomes unresponsive, try a reboot—press and hold the Power button until the screen goes dark, and your phone restarts.

Setup Wizard

After you power on, let the Setup Wizard walk you through the registration process. Just select your language and follow the screen prompts to get started.

If you use Gmail™, you already have a Google™ account—if not, you can create an account during setup. Signing into your Google account lets you access, sync, and backup your stuff. See your Google apps, contacts, calendar, photos, and more.



Tips & tricks

- . Wi-Fi network: For faster Internet access or to conserve mobile data use, swipe the status bar down with two fingers, then tap ***** > **Wi-Fi**. There's more in "**Wi-Fi** Networks" on page 49.
- Accounts: To add, edit, or delete accounts, tap Apps (:::) > 🔯 Settings > Accounts. To set up email accounts, see Gmail and Gmail.

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

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

Verizon Cloud

During setup you can choose to back up your contacts, messages, photos and more on Verizon Cloud, and view them anytime, anywhere on any device. Your content can be easily restored if your phone is lost or damaged, or if you get a new phone.

Old phone to new phone

If you used Verizon Cloud on your old phone, copying your personal stuff from your old phone to your new phone is easy.



On your old phone: Tap Apps (:::) > Cloud, then tap Start Transfer > Copy content FROM this phone.

On your new phone: Tap Apps (::) > O Cloud, then tap Start Transfer > Copy content TO this phone. Follow the instructions to copy your content from the cloud to your new phone.

Tips & tricks

- While you're copying content, you can keep using your phone.
- Signing in to your Google account copies your apps if they are backed up to the cloud.
- For phones that support copying music, not all music can be copied. (If you want to know more, you can search online to learn about digital rights management or DRMprotected files.)

Home screen & apps

Quick start: Home screen & apps

The home screen is what you see when you turn on your phone. From here you can explore apps and more.



Tips & tricks

- Open app list: Tap Apps (:::), then swipe down to scroll through apps.
- **Return:** To return to the home screen from any location, tap Home \bigcap .
- Pages: To add a page, drag an app to the right side of the screen until you see a white bar. You can add multiple pages. To see other pages of shortcuts and widgets (if available), swipe the home screen left.
- Settings: To quickly open common settings, swipe the status bar down with two fingers. To open more settings, tap .
- Shortcuts: Tap Apps, touch and hold an app, then drag
 it to one of your home screen pages. To see all your apps,
 tap Apps.
- Apps: To remove an app from a home screen page, touch and hold the app, then drag it to X Remove. (The app isn't removed from your phone, just the home screen.)

To uninstall apps from your home screen, touch and hold the app, then drag it to Uninstall. (You can't uninstall some apps. See "**Take care of your apps**" on page 16.

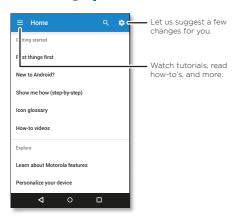
Tip: To quickly view app info, tap Apps (iii), touch and hold the app, then drag it to **App info**.

 Customization: For more about changing your home screen, see Redecorate your home screen.

Help & more

Watch a tutorial. Read a how-to. Find out anything about your phone.

Find it: Apps (:::) > ? Help



Search

At the top of the home screen, tap the Google Search box for a text search or tap \P to search by voice. See "**Download apps**" on page 14.

When you type, suggestions appear below the search field:

- · To search for a suggestion, tap it.
- ullet To search for text in the search field, tap $oldsymbol{Q}$ on the keyboard.

Tip: To close the keyboard, tap ∇ .

Status & notifications

At the top of the screen, icons on the left notify you about new messages or events. If you don't know what an icon means, swipe the status bar down for details.

Tip: Getting too many notifications? Touch and hold a notification to see which app is sending them to you. Then you can turn them off.



Tip: To quickly change common settings, swipe the status bar down with two fingers. For more, see **Quick settings**. Icons at the top right of the screen tell you about phone

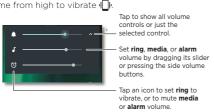
status:

Status Icons			
✓ network strength	do not disturb		
♥ / ▼ Wi-Fi in range/ connected	' vibrate		
/ Bluetooth on/ connected	★ priority		
★ airplane mode	🛈 alarm set		
battery charging/full	▲ warning		

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

Volume & interruptions

Press the side volume buttons up or down to select a ringer volume from high to vibrate $\sqrt{||}$.



Tap an option under the volume slider to select which interruptions and alarms you want to receive.

Do not disturb

To turn off some or all sounds, swipe the status bar down with two fingers and tap **Do not disturb**. Select one of these options:

- Total silence: Turn off all sounds and alarms. Override sound settings from other apps. Set how long to stay in this mode, or choose indefinitely.
- Alarms only: Set how long you want to only hear alarms, or choose indefinitely. Tap MORE SETTINGS to customize which other interruptions to receive.
- Priority only: Set how long you want to only hear priority interruptions, or choose indefinitely. Tap MORE SETTINGS to customize which interruptions to receive.

Tip: To create an exception for repeat callers that allows a call from the same person within a 15 minute period, tap **MORE SETTINGS > Priority only allows > Repeat callers**.

Discover your Moto app features

The Moto app can simplify life and help you out. Just follow the prompts to find out more.

- Actions: Shrink your screen for easy one-handed use.
 Swipe up from the bottom of the screen to shrink. To expand, tap the black area.
- Display: See messages, calls, and other notifications even if your phone is asleep.



Note: Your phone may not have all features.

Tip: Want to hide sensitive or private notifications? Use this option to set which apps can show notifications, and how much to display.

Note: Your phone may not have all features.

Tips & tricks

- Want to hide sensitive or private notifications? Tap Apps
 Moto > Display and set which apps can show notifications and how much to display.
- When you see a notification on your screen, swipe up and hold to see details without unlocking your phone.
- Use Moto Display to pause or restart your music when your phone is sleeping.

Download apps

Google Play™

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

Find it: Apps (iii) > Play Store

- ullet Find: To search for apps, tap ${f Q}$.
- Download: To download an app you found, tap it to see details, then tap INSTALL or the price.
- Share: To share an app you found on Google Play, tap it to see details and then tap <
- Reinstall: To show or reinstall apps you downloaded from Google Play, tap => My Apps.

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

There, you can browse apps on the big screen, manage your apps across devices (like a phone and tablet), and even set new apps to download to your devices.

- Enjoy music, movies, and more: You can also use Google Play to download music, movies, TV shows, and more.
 See "Play Music" and "Play Movies & TV" apps.
- Get help: To get help and more, tap =

Apps from the web

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

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

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

To let your phone install apps that are not on Google Play, tap Apps (iii) > (iii) Settings > Security, then tap the Unknown sources switch to turn it on.

For information about downloading files from your browser, see **Downloads**

Choose carefully

Here are a few tips:

- To help prevent spyware, phishing, or viruses, use apps from trusted sites, like Google Play.
- In Google Play, check the app's ratings and comments before installing.
- If you doubt the safety of an app, don't install it.
- Apps use up memory, data, battery, and processing power—some more than others. If you're not happy with how much memory, data, battery or processing power an app is using, uninstall it.
- Monitor children's access to apps to help prevent exposure to inappropriate content.
- Certain apps may not provide completely accurate information. Take care, especially when it comes to personal health.

Set app permissions

You will only be asked for permissions when you use a feature in an app, instead of immediately when you install the app.

To modify the app permissions settings, tap Apps (:::) > (\$\overline{Q}\$) > Settings > Apps, then select the app and tap Permissions.

To modify the app permissions by app type (such as Calendar or Camera) at any time, tap Apps (iii) > (iii) Settings > Apps, then tap * Settings > App permissions.

Take care of your apps

Find it: Apps ;; then swipe up to scroll through apps
To close the apps screen, tap Home ○ or Back ✓

 Uninstall apps: To remove an app from a home screen page, touch and hold the app, then drag it to Remove.
 The app isn't removed from your phone, just the home screen.

To remove an app from your phone, touch and hold the app, then drag it to **Uninstall**.

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

If an app locks up your phone as soon as you turn it on, restart in Safe Mode: Press and hold the Power button. When you see the **Power off** option, press and hold it to select the **Reboot to safe mode** option. Your phone restarts with **Safe mode** in the lower left. Then, try removing the app.

- Reinstall apps: To reinstall apps from Google Play, tap
 Apps
 ⇒ Play Store, then tap
 ⇒ My Apps &
 games. The apps you downloaded are listed and available
 for download.
- See app details: Tap Apps (iii), touch and hold an app, then drag it to App info.

 See app data usage: To show which apps are using the most data, tap Apps (...) > (a) Settings > Data usage. For more, see Data use.

Update your phone

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

• Using your phone:

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

To manually check for updates, tap Apps (::) > (ii) > (iii) >

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

Note: When updating your phone, make sure you have enough battery power to complete the update.

• Using your computer:

On your computer, go to www.motorola.com/update.

Control & customize

Quick start: Control & customize

Take control of your phone.

- Touch, press, and speak: Learn phone gestures and commands. See "Controls and gestures" on page 17.
- Customize your home screen: To put widgets like a clock, interactive calendar, and more on your home screen, see Redecorate your home screen.



Tips & tricks

- Add a home screen page: Drag an app icon to the right side of the home screen until you see a white bar. You can add multiple pages.
- Quick settings: To change Wi-Fi, Bluetooth, Airplane mode, and other settings, swipe the status bar down with two fingers. For even more settings, tap
- Can't find a setting? Tap Apps ::: > s Settings > Q .

Controls and gestures

Touch

Find your way around:

- Tap: Choose an icon or option.
- Touch and hold: See more options.
- Drag: Move items on the home screen.
- Flick: Quickly open or delete items.
- Swipe: Scroll through lists or between screens.
- Pinch or double-tap: Zoom in and out on websites, photos, and maps.
- **Twist:** Twist a map with two fingers to rotate it, and pull two fingers down to tilt it.
- Home: Tap Home O to return to the home screen.

• Overview: Tap Overview \prod to see your recent apps (or browser tabs), and tap an app to reopen it. To remove an app from the list, swipe it left, right or tap X. To scroll the list, swipe up or down.

Tip: You don't need to remove apps from Overview for your phone to run efficiently.

- Menus: When or appears on a screen, you can tap it to open options for the current screen.
- Close Keyboard: To close a keyboard, tap ∇ .
- Reboot: To reboot your phone, press and hold the Power button until the screen goes dark and your phone restarts.

Press

Power button

Your Power button helps in a few ways.

- Power off: Press and hold the Power button, then tap Power off
- Sleep: To conserve battery power, prevent accidental touches, or when you want to wipe smudges off your touchscreen, put the touchscreen to sleep by pressing the Power button
- Wake up: Press the Power button again.
- Reboot: To reboot your phone, press and hold the Power button until the screen goes dark and your phone restarts.

Tip: To add security to your phone, see Protect.

Volume buttons

Your volume buttons help in a few ways:

- Ringer volume: Press the buttons when your phone is ringing to silence it.
- Earpiece volume: Press the buttons during a call.
- Music/video volume: Press the buttons during a song or video

Tip: For more on volume control, see Volume & interruptions.

Speak

Just tell your phone what you want.

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

• Dialing and commands: Say your launch phrase to control your phone by voice. See "Download apps" on page 14.

To dial, say "Call" and then a contact name or phone number. Or, say a command like "Send text." "Go to" an app, or "Help" for voice command help.

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

• Search: Tap ♥ on the home screen to search by voice, or say your launch phrase to speak your search.

To change your voice input and text-to-speech settings, tap Apps (:::) > (a) Settings > Language & input.

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

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

On, off, lock & unlock

Your touchscreen is on when you need it and off when you don't. To turn the screen on, press the Power button.

- Screen off and on: Press the **Power** button to turn the screen off and on
- Screen lock: To unlock the screen, touch and drag up. To use a pattern, PIN, or password to unlock your screen, tap Apps (iii) > (iii) Settings > Security > Screen lock (see Screen lock). You can also use the fingerprint sensor on your phone. After you set it up, you'll see it on the unlock screen instead of the regular lock.
- Notifications: Double tap a notification in the lock screen to open it. You'll be prompted to enter your password.

Tip: To prevent notifications from appearing in the lock screen, tap Apps (iii) > (iii) Settings > Sound & notification > When device is locked > Don't show notifications at all.

Owner info: To add a message to your lock screen, tap Apps (:::) > (a) Settings > Security > Lock screen message. To set your message, tap Back ✓.

Tip: Don't put your mobile number as your contact

info unless you can access your voicemail from another device.

 Screen timeout: To change your timeout (screen locks automatically), tap Apps (::) > (ii) Settings > Display > Sleep.



Customize sounds & appearance

Customize your phone's sounds and display settings:

- Ringtone and notifications: Tap Apps (iii) > (iii) Settings > Sound & notification.
- Vibrate or silent: To make your phone vibrate for

incoming calls, tap Apps (iii) > (iii) > (iiii) > (iii) > (iiii) > (iii) > (iii) > (iii) > (iii) > (iiii) > (iiii) > (ii

- Ringtone for a contact: To set a personal ringtone for a contact, tap Apps (iii) > Contacts, tap the contact, then tap > Menu > Set ringtone.
- Display settings: To change brightness, animation, and other display settings, tap Apps (iii) > (iii) Settings > Display.
- Rotate: In many apps, the touchscreen switches from portrait to landscape when you rotate your phone. To turn this on or off, swipe the status bar down with two fingers and tap Auto-rotate or Portrait.
- Language and region: To set your menu language and region, tap Apps (iii) > (iii) Settings > Language & input > Language.

Redecorate your home screen

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

- Change wallpaper: Touch and hold an empty spot on the home screen, then tap WALLPAPERS.
- Add a home screen page: Drag an app to the right side of the home screen until you see a white bar. You can add multiple pages.
- Add shortcuts: Tap Apps (:::), touch and hold an app, then

- drag it to one of your home screen pages. To see all your apps, tap Apps (***) and swipe up.
- Create shortcut folders: Drag one shortcut onto another.
 Add more shortcuts by dragging them onto the first shortcut. To name the folder, tap it and enter a name below the apps.
- Add widgets: Touch and hold an empty spot on the home screen, tap WIDGETS, touch and hold a widget, then drag it to your home screen.
- Resize widgets: You can resize some widgets—touch and hold a widget until you feel a vibration, then release. Drag the white circles at the edges to resize.
- Move or delete widgets & shortcuts: Touch and hold a widget or shortcut until you feel a vibration (or see the icon expand if vibrate is turned off). Then drag it to another spot, another page, or X Remove.

Note: Removing a shortcut from your home screen doesn't uninstall the app from your phone.

20

Quick settings

For quick access to **Wi-Fi, Bluetooth, Airplane mode**, brightness, and other settings, swipe the status bar or lock screen down with two fingers. For even more settings, tap



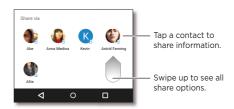
Note: Your quick settings may look a little different.



Direct Share

In some apps, you can share something directly to a contact or conversation.

When you select the share option within an app, a list of contacts with app icons will pop up. Then select the contact and send.



Accessibility

See, hear, speak, feel, and use. Accessibility features are there for everyone, helping to make things easier.

Find it: Apps ::: > Settings > Accessibility

Note: For general information, accessories, and more, visit www.motorola.com/accessibility.

Voice recognition

Just tell your phone what you'd like to do—dial, browse, search, send a text, and more. Tap ψ at the top of the home screen for voice search.

TalkBack

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

To turn on TalkBack, tap Apps (iii) > (iii) Settings > Accessibility > TalkBack, then tap the switch to turn it on.

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

- Tap something on the screen to hear a description or text readout.
- Double-tap anywhere on the screen to open or activate the last touched item.
- Swipe using two fingers to scroll through lists or between screens.

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

To turn off TalkBack, tap Apps (::) > **iii Settings** > **Accessibility** > **TalkBack**, then tap the switch to turn it off.

Braille

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

- 2 Tap Apps (:::) > (a) Settings > Accessibility > BrailleBack.
- 3 Turn on your Braille display and put it in Bluetooth pairing

mode.

- 4 On your phone, tap Apps (⇒) > (Settings > Bluetooth, then tap the switch at the top to turn it on and scan.
- **5** Tap the name of your Braille display to pair it with the phone.

Accessibility shortcut

Use simple gestures to quickly activate Talkback and other accessibility features on your phone. For more information, tap Apps (...) > (a) Settings > Accessibility > Accessibility shortcut

Caller ID

When you want to hear who's calling:

- Read out loud: Have your caller announced. Tap Apps (::)
 Settings > Accessibility > Talkback > SETTINGS >
 Speak Caller ID.
- Ringtones: Assign a unique ringtone to a contact. Tap Apps (iii) > L Contacts, tap the contact, tap, then tap Menu > Set ringtone.

Volume & vibrate

Find it: Apps (:::) > (a) Settings > Sound & notification

- Drag the volume sliders to set volume levels for your music or videos, alarms, and ringtones/notifications.
- To make your phone vibrate for incoming calls (even when the ringer is silent), tap Also vibrate for calls.

Tip: For more on volume control, see **Volume & interruptions**.

Zoom

Get a closer look.

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

Tip: To zoom in, you can also double-tap.

- Screen magnification: Triple tap the screen for full screen magnification, or triple tap and hold to temporarily magnify. Tap Apps (iii) > (iii) > (iv) Settings > Accessibility > Magnification gestures.
- Big text: Show bigger text throughout your phone. Tap Apps :: > Settings > Accessibility > Large text.

Tip: You can also tap Apps (::) > (ii) > Settings > Display > Font size > Huge.

- High contrast text: Show higher contrast text throughout your phone. Tap Apps (iii) > (iii) Settings > Accessibility > High contrast text.
- Browser: Choose text scaling and other accessibility settings for your browser. Tap Apps (::) > () Chrome > Menu > Settings > Accessibility.

Tip: Select **Force enable zoom** to allow zooming on all web pages.

Display brightness

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

Swipe the status bar or lock screen down with two fingers, and drag the slider to set brightness level.

Note: Setting brightness to a high level decreases your phone's battery life. To maximize battery life, tap Apps (::) > (i) Settings > Display > Adaptive brightness to let your phone automatically adjust brightness for the available light.

Touchscreen & keys

To hear or feel when you tap the screen, tap Apps (iii) > (iii) > Settings > Sound & notification > Other sounds:

- Dial pad: To hear a tone when you dial a number, select
 Dial pad tones.
- Screen lock: To hear a click when you lock or unlock the screen, select Screen locking sounds.
- Charging: To hear a sound when you plug in the charger, select Charging sounds.
- Touchscreen: To hear a click when you tap something on the screen, select Touch sounds.
- Keys: To feel a vibration when you tap the keyboard, select Vibrate on touch.

Messages

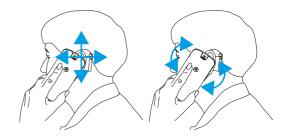
To make text entry even easier, use features like autocapitalization, auto-correction, and more. Tap Apps i > s Settings > Language & input > Google Keyboard > Preferences or Text correction. Of course if you don't want to type at all, then use your voice—tap \clubsuit on the keyboard.

Hearing aids (U.S. & some countries only)

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

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

- Settings: Tap Phone > Menu > Settings > Accessibility > Hearing aids.
- **Call volume:** During a call, press the side volume buttons to set a call volume that works for you.
- Position: During a call, hold the phone to your ear as normal, and then rotate/move it to get the best position for speaking and listening.



TTY (U.S. & some countries only)

You can use your phone in TTY mode with standard teletype machines. Tap Phone > Menu > Settings > Calls > TTY mode and select the mode you need:

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

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

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

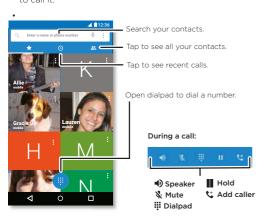
Calls

Quick start: Calls

Dial contacts, speed dial numbers, recent calls, or numbers, and search, all from one app.

Find it: 📞 Phone

- · To call a contact or recent call, tap it.
- To open the dialpad, tap . Enter a number, then tap to call it.



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 button.
- Multi-task: While you're on a call, tap Home
 oto hide
 the call screen and look up a phone number, address, or
 open other apps. To reopen the call screen, swipe the
 status bar down and tap Ongoing call.
- Contacts: To search your contacts, tap Q.
- Favorite contact: Have someone you call all the time?
 Touch and hold an empty spot on the home screen, tap
 WIDGETS, 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.

Make calls

When you make a call, you have options:

- Tap Phone to see your recent calls, groups, and frequently-called contacts. Select a contact or number to call it.
- To dial a number, tap (11), enter a number, then tap (12) to call it.

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

Note: You can make High-Definition Voice and Video calls with this phone when you add Advanced Calling to your line. Visit <u>verizonwireless.com/AdvancedCalling</u> to learn how.

Answer & end calls

 Answer a call: When your phone is locked, touch and drag right to

When the phone is unlocked, tap **\(\Lambda \) ANSWER**.

With call waiting on, touch (a) and drag to (b) to answer the new call, then tap (b) Hold and Answer Voice or lignore.

 Ignore a call: When your phone is locked, touch and drag left to to send the call to voicemail.

When the phone is unlocked, tap X DISMISS.

You can also press the Power button to ignore the call, or press a volume button to silence the ringer.

- Respond with a text: When your phone is locked, touch

 and drag up to
 Select a message to immediately send it.
- End a call: Tap 🔼
- During a call: Tap Mute on the call screen to mute the call. To hide the call screen, tap Home O. To reopen it, swipe the status bar down and tap Ongoing call.

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

Don't use covers or screen protectors (even clear ones) that cover the proximity sensor above the touchscreen.

Recent calls

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

Find it: Phone > (

- \bullet To return a call, tap the caller's name or number, then tap \P
- To send a text message, store the number, or other options, tap the caller's picture.
- To remove an entry from the call log, tap it, then tap Call details >
- To clear the list, tap Menu > Call History, then tap Menu > Clear call history.

3-way calls

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

 To answer a second call, tap Hold and Answer Voice or Ignore. The first call goes on hold if you answer the second call. To switch between calls, tap C.

To dial a second call, tap enter a number, then tap to call it.

Your phone number

Find it: Apps (:::) > (a) Settings > About phone > Status > My phone number.

Emergency calls

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

- 1 Tap Phone (if your phone is locked, drag a up to unlock it, then tap EMERGENCY).
- 2 Enter the emergency number.
- 3 Tap 🔾 to call the emergency number.

Note: Your phone can use location based services (GPS and AGPS) to help emergency services find you. For more information, tap Apps (iii) > (iv) Settings > Legal Information

> Legal and Safety > Location services.

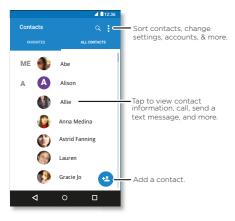
Contacts

Quick start: Contacts

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

Find it: Apps (:::) > Z Contacts

- Create: Tap 😉
- Edit or delete: Tap a contact, then tap 🧨.
- Call, text, or email: Tap a contact, then tap an option.



Tips & tricks

• Search contacts: In the Contacts list, tap Q.

Tip: Or, from the home screen, tap the Google search box and enter a contact's name.

Share a contact: Tap a contact, then tap Menu > Share
to send it in a message or email, or use a Bluetooth®
connection, Google Drive™.

Tip: In some apps, like Contacts, you can share directly with a contact. See **"Direct Share"** on page 21.

- Shortcuts: Tap a contact, then tap Menu > Place on Home screen to add a shortcut for the contact on your home screen.
- Synchronize: On your phone, tap Apps (iii) > (iv) Settings
 Accounts, choose your Google account, then tap
 your account name to sync it if it has not been updated
 recently. You can also see these contacts at
 www.gmail.com.

For help transferring contacts, see $\bf Verizon \ Cloud$ or go to $\bf \underline{www.motorola.com/transfercontacts}$.

Create contacts

Find it: Apps (:::) > 🔼 Contacts > 🖎

Tap a text box to type the name and details. When you're finished, tap \checkmark Save.

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

Call, text, or email contacts

Find it: Apps i > 🔼 Contacts

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**).

Favorites

Set your most-used contacts as favorites, so you can get to them faster.

- To see your favorites, tap Apps (:::) > Contacts > FAVORITES

Starred contacts also appear at the top of your **SPEED DIAL** list in the **Phone** app.

Edit, delete, or hide contacts

Find it: Apps (:::) > Z Contacts

- To edit a contact, tap it, then tap
 Tap a field to edit
 it. Tap CHANGE to choose or change the contact's
 picture.
- To set a personal ringtone for the contact, tap it, tap , then tap Menu > Set ringtone.
- To delete the contact, tap it, then tap Menu > Delete.

Contacts from social networks will be hidden if you tap **Delete**. To view these contacts, or delete them permanently, use the social network's app or website.

 To hide the contacts from an account in your Contacts 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

Get all your contacts in one place.

• To add your social networking contacts, tap Apps (::) > (ii) Settings > Accounts, then tap Add account.

Note: You'll need a social networking app first. To get apps, see **Google Play™**.

• To add your email contacts, see **Gmail**.

Tip: If you add an **Exchange** account, you can send messages to your coworkers, even if you don't have them stored in your contacts.

- To import contacts from your SIM card (if it didn't happen automatically), tap Apps (**) > ** Contacts > Menu ** > Import/export > import from SIM card. Tap OK to confirm.

http://mail.google.com.

For help with transferring contacts, see **Verizon Cloud** or go to <u>www.motorola.com/transfercontacts</u>.

Share contacts

Send a contact in a message or email, or use a Bluetooth connection, Google Drive $^{\text{IM}}$.

Find it: Apps (:::) > 🔼 Contacts

To share a contact, tap it, then tap Menu > Share and choose how you want to send it.

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

My details

Find it: Apps (:::) > Z Contacts

To store your user profile, tap \mathbf{Set} up \mathbf{my} profile under \mathbf{ME} at the top of the contact list.

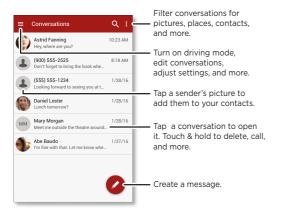
Messages

Quick start: Verizon Messages

Stay in touch with messages and pictures.

Find it: Message+

- Create: Tap 💋
- Attach: When you're typing a message, tap + to attach a picture, audio, video, or more.
- Send: Tap > to send the message.



Tips & tricks

- Insert emojis: Tap to insert emojis or icons in your message.
- Send a recorded message: In the create message screen, touch and hold to start recording. Speak your message, then release to send the message.
- 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. To see the picture, tap Apps (iii) > (i) Photos > Download.
- Voice entry: Tap a text box, then tap ♣ on the keyboard.

 Tip: If you don't see ♣ on the keyboard, tap Apps :::>

 Settings > Language & input > Google Keyboard >

 Preferences > Voice input key to activate voice entry.
- Filter conversations: Touch Menu at the top right and swipe left to see all your shared media. Filter your conversations to see photos and videos, locations, links, contacts, or audio files.
- Text your best friend: Use a widget to text your favorite contact quickly. Touch and hold an empty spot on the home screen, tap WIDGETS, touch and hold Direct message to drag it to your home screen, then select the contact.
- Message alert: To show new message notifications in the status bar, tap Message+ > > Settings, and check Notifications.

Read, forward & more

Find it: 🔲 Message+

- 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 Message.
- Delete: Touch and hold a conversation, then tap Delete Conversation. Or, open the conversation, touch and hold one message, then tap Delete messages.
- Settings: Tap = at the top left, then tap Settings to change your notifications and other options.

Set your default messaging app

You can use Verizon Message+, Messaging, or Hangouts™ to send and receive your text messages.

To set Message+, Messaging, or Hangouts as your default messaging app:

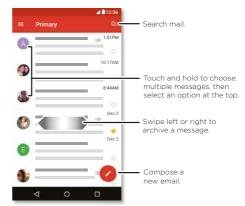
Find it: Apps (:::) > 🔯 Settings > Apps > 🔽 Message+, or 📮 Messaging, or 🔑 Hangouts, then Open by default

For more about Hangouts, see Chat using Hangouts™

Gmail

Send and receive email from all of your personal accounts (even if they're not Gmail accounts). You can manage your accounts in Gmail and easily switch between them.

Find it: Apps (::: > M Gmail



Add Gmail accounts: The first time you turned on your phone, you probably set up or logged in to your Google account—that sets up the M Gmail app for one account. To add more Google accounts, tap Apps :: > \$\overline{\overline{\text{stings}}}\$ > Accounts, then tap Add account > Google.

- Add email accounts: The Gmail app manages all of your email accounts. To add other personal email accounts to the Gmail app, tap Apps (iii) > (iii) Settings > Accounts > Add account. For Microsoft* Exchange server work email accounts, tap Add account > Exchange, and enter details from your IT administrator.
- Change account settings: To change the settings for a
 Gmail or email account, tap Apps (iii) > M Gmail > > Settings, then tap the account name.
- Delete accounts: Tap Apps (...) > (a) Settings > Accounts
 Google, then tap the account name. Tap Menu > Remove account.

Chat using Hangouts™

Sign in with your Google account to stay in touch with friends and family.

Find it: Apps :: > • Hangouts

- Start a new hangout: Tap +, then tap a name in your list
 of friends. You can send a text message, or tap to
 make a video call.
- Change settings: Tap = to see your old hangouts, change your profile pic, other settings, and more.
- Chat from a computer: You can chat from a computer, too. Find out more at www.google.com/hangouts.

Wireless Emergency Alerts (U.S. & some countries only)

Wireless Emergency Alerts, also known as CMAS or PLAN, is a U.S. national emergency alert system. Emergency alerts can pop up to tell



you about a national or local crisis. After you close an alert, you can reopen it by touching Apps (::) > (ii) Settings > More > Emergency broadcasts.

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

To choose which types of alerts you receive, tap Apps (::) > Settings > More > Emergency alerts. 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/.

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 touching them one at a time. Or, enter a word by tracing a path through the letters.
- Close the keyboard: Tap ∇



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

Tips & tricks

- Move the cursor: Tap a spot in the text to place the cursor, then drag the arrow under the cursor to move it.
- 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 letter to enter the small number or symbol at the top of it.

To enter several numbers or symbols, tap | 1123

- 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.
- Word prediction: While you're typing, word suggestions appear above the keyboard. Tap one to select it.
- Voice entry: Tap J 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.
- Vibrate: Don't like the vibrating keys when you type? Tap Apps (:::) > (a) Settings > Language & input > Google Keyboard > Preferences.

Text entry settings & dictionary

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

Find it: Apps ::: > is Settings > Language & input

- To choose your touchscreen keyboard, tap Current Keyboard > CHOOSE KEYBOARDS. To allow voice entry from the keyboard, tap Google voice typing.
- To change the preferences for your keyboard, tap Google Keyboard.
- To add or edit the words that your phone suggests and recognizes, tap Personal dictionary.

Cut, copy & paste

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

- 1 To highlight a word, touch and hold it.
 To highlight more words, drag the selector at the edge of the highlight. Or to select everything, tap \$ > Settings > SELECT ALL
- 2 Tap CUT or COPY.

Tip: Tap **SHARE** to send the text to another app on your phone or to a contact.

- **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.

Organize

Clock

Find it: Apps (:::) > Clock

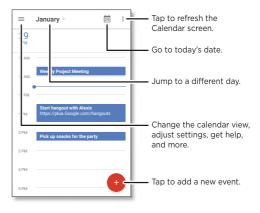
Options	
Alarm	Tap (). Tap an alarm to edit it, or tap • to add a new alarm.
	Tip: Pressing the volume button up or down while you're setting an alarm sets the volume level for that alarm.
	When an alarm sounds, tap and drag to to turn it off, or drag to zz to snooze for ten minutes.
Clock	To change your alarm volume, snooze delay, or other settings, tap Menu \$ > Settings. For other time zones, tap .
Timer	For a timer, tap \mathbf{X} .
Stopwatch	For a stopwatch, tap 🐧.

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

Calendar

See all your events, all in one place.

Find it: Apps (:::) > 311 Calendar



- Change the view: Tap the month at the top to choose a date to view. Or tap = to choose Schedule, Day, 3 Day, Week, or Month.
- Go to today's date: Tap Tat the top.
- Add events: Tap 1, enter event details, then tap SAVE.

Tip: Alternatively, tap a time on the calendar to enter event details

- Show, edit, or delete events: Tap an event to open it. then tap edit (?). Tap **DELETE** to remove the event.
- Show, hide, or add calendars: Tap = to show or hide calendars from your Google™ account. You can use a computer to add or remove calendars on your Google account at www.google.com/calendar.

Tip: Add a Calendar widget to your home screen. Touch and hold an empty spot on the home screen, tap WIDGETS. then touch and hold the Calendar widget and drag it to vour home screen.

Corporate sync

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

- To add your Corporate account, see Gmail.
- To choose what to sync from your Corporate account. tap Apps (:::) > (iii) > (iv) your account, then check options like Calendar, Contacts. or Email

Office network

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

Google Drive™

Keep all your photos, videos, documents, and more safely in one place—private unless you choose to share. Available on Google Drive from all your devices.

Find it: Apps (:::) > 📤 Drive

- To create a new file or folder, tap (+).
- · To open a file, tap it.
- To edit a document, tap anywhere in the text to begin typina.

Print

To print your photos, documents, and more from your phone, check if your printer's manufacture has an app on Google Play. Then tap Apps (::) > (iii) > (iii) Settings > Printing to get started.

You can also send your photos, docs, and more to any Android device in your cloud or to Google Drive, Just download the Cloud Print app from Google.

Google Apps™

Google Play™

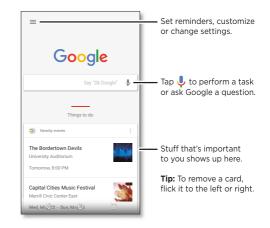
Google Play is a digital content experience from Google where you can find and enjoy your favorite music, movies, TV shows, books, magazines, and Android apps and games.

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

Google Now™

Google Now brings you just the right information at just the right time, before you even ask. Weather, traffic, transit schedules, even the latest scores come automatically, appearing throughout the day just as you need them.

To get started, touch and hold Home \bigcirc , then follow the on-screen prompts.



Now on Tap™

Note: This feature is currently only available in English.

Now on Tap provides information based on your current app

To access this information, such as links and shortcuts, touch and hold Home \bigcirc while in the app screen.

To turn Now on Tap on/off, tap Apps (iii) > (iii) > (iiii) > (iiiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiii) > (iiiii) > (iiii) >

Play Movies & TV

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

Find it: Apps ::: > Play Movies & TV.

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

YouTube™

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

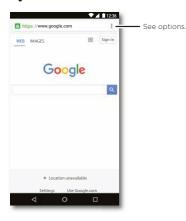
Find it: Apps (::: > YouTube

Browse

Quick start: Chrome™

Find it: Apps (::) > (Chrome

- Go to a web page: Tap the address bar at the top of a page and enter an address.
- Add a bookmark: Open the address bar (drag down if you don't see it), then tap Menu \$ > ☆.
- Open a bookmark: Open the address bar, then tap Menu > Bookmarks.



Tips & tricks

- Web page shortcut: To add a web page shortcut to your home screen, go to the web page and tap Menu > > Add to homescreen.
- Search: In the home screen, tap the Google search box and enter text to search.

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, tap Menu > C
- Tabs: To open a new tab, tap Menu > New tab. If you have more than one browser page open, tap Overview
 to move from one to another.
- Clear history: In the browser, tap Menu > Settings > Privacy > Clear browsing data. Then choose history, cache, cookies, and other options.
- Help: For more about Google Chrome, tap Menu > Help
 feedback or visit www.supportgoogle.com/chrome.

Web connection

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

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

To connect to a Wi-Fi network, see See "Wi-Fi Networks" on page 49.

Downloads

Warning: Apps downloaded from the web can be from unknown sources. To protect your phone and personal data from theft, download apps only on Google Play™.

To download a file, picture, or web page, tap Apps (:::) > Chrome and go to the website:

- Files: Tap the download link. To show the file or app. tap Apps (:::) > (1) Downloads.
- Pictures: Touch and hold it to choose Save image. To see the picture, tap Apps (:::) > ***** Photos > Download.

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

Browser options

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

Safe surfing & searching

Keep track of what your browser and searches show:

- Incognito: To open a tab that won't appear in your browser or search history, tap Apps (:::) > (Chrome > Menu > New Incognito tab.
- Clear history: To clear your browser history and other saved information, tap Apps (:::) > (Chrome > Menu > > History > CLEAR BROWSING DATA.
- Auto complete: 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 (:::) > 0 Chrome > Menu > Settings > Autofill forms, then tap the switch to turn it off
- Pop-ups: To stop pop-up windows from opening, tap Apps (:::) > (Chrome > Menu > Settings > Site settings > Pop-ups, then tap the switch to turn it off.

Photos & videos

Quick Start: Photos & videos

Take crisp, clear photos with the rear or front camera.

- Launch it: Tap o Camera.
- Take a photo: Tap 🚯 to take a photo.
- See it: Swipe left for your photo gallery (* Photos).
- Share it: View a photo or video from your gallery, then tap Share <.



Swipe right for settings. Swipe left for your photos.

Tap to take a photo. Touch and hold to take multiple shots.

Switch to video or panorama.

Switch to front camera.

Tips & tricks

- Take a selfie: Tap in the camera screen to switch to the front camera.
- Record a video: Tap (a) in the camera screen and select
 Video (e). Tap (a) to start recording. Then tap (b) to stop recording.
- Capture a still shot during a video: Tap
 on the screen
 while recording to save a photo.
- View, share, or delete: To open your gallery, swipe the camera screen left. Pick a photo or video. Choose

 to share or Menu for more options like printing.
- Change settings: To open camera options, swipe the camera screen right.
- Zoom: Drag two fingers apart. To zoom out, drag your fingers together.
- Multi-shot: Touch and hold 🚯 to take a burst of photos.
- Panorama: Tap (a) in the camera screen and select
 Panorama (a). Tap (b) and use the on-screen guide to slowly pan your phone.
- Edit: Tap the photo to select it, then tap 🥕.
- Print: Want to print photos? See Print.

Take photos

Find it: Apps (:::) > O Camera

Tap 🚯 to take a photo.

Record videos

Find it: Apps (...) > (a) Camera, then tap (a) in the camera screen and select Video (a).

Tap igotimes to start recording. Then tap igotimes to stop recording.

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

Get the perfect shot

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

These options are along the top of the camera or video screen:

Options			
HDR [©] HDR	Turn on HDR (high dynamic range) effect for better pictures in challenging lighting situations, such as outdoors.		
F ^A Flash	Set On, Off, or Auto Flash.		
Beautify	With the front-facing camera, smooth skin and beautify faces. Set to Auto , Manual , or Off .		

Options	
Ō Timer	Set a timer to 3 seconds or 10 seconds.

To find these options, tap (a) in the camera screen:

Options	
Panorama	Take a wide-angle shot. Use the on- screen guide to slowly pan while you are taking he photo.
■ Video	Take a video.
(a) Photo	Take a photo.

To find these options, swipe the camera screen right:

Options				
Shutter sound	Turn the shutter sound on or off.			
Storage	Choose a storage location for your photos and videos (Phone or Memory card).			
Save Location	Turn on to tag photos with a location.			

Options	
Selfi photo mirror	With the front-facing camera, take a mirror image photo of yourself.
Shutter type	Tap anywhere on the screen to take the photo. When off, tap 🕲 to take a photo.
Video resolution (rear camera)	Set the video resolution.
Quick tutorial	Learn more about your camera.

View, share, & use photos & videos

Find it: Apps (::) > 💠 Photos

 Play, share, or delete: Tap a thumbnail to open it, then tap to share, to delete, or Menu for more options.

Tip: To select multiple files, open a folder, touch and hold a photo, then tap others. Or group photos in an album and share the whole album.

 Zoom: Open a photo in your gallery, then double-tap or drag two fingers apart or together on the screen.

Tip: Turn your phone sideways for a landscape view.

- Wallpaper or contact photo: Open a picture, then tap Menu > Use as > Wallpaper or Contact photo.
- Edit: Open a picture, then tap /.

• **Slideshow:** Tap a picture, then tap Menu • > **Slideshow**. To stop the slideshow, tap the screen.

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

Capture your screen

Share a screen capture of your favorite playlist, your new high score, or a friend's contact information.

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

To see the screen capture, tap Apps (iii) > **Photos**, tap **=**, then tap **Device folders** > **Screenshot**.

Tip: Also see Screen pinning.

Play Music

Quick start: Music

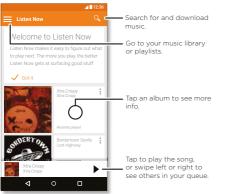
Music everywhere—stream it, buy it, save it, play it. Listen and create playlists anytime.

Find it: Apps (::) > Play Music

To upload your music library to Google Play Music, from a computer, visit www.google.com/music.

Tap Listen Now to see recommendations and more.

Tip: Share songs directly with your contacts. Tap Menu next to a song > **Share**. See **Direct Share**.



Tips & tricks

- Volume: Press the volume buttons.
- Hide the music player: To use another app while your music plays, tap Home O. To return to the music player, swipe the status bar down and tap the song title.

Tip: You can also select **Next**, **Pause**, or **Previous** by swiping down the notification bar or using the controls on your unlock screen.

- Home screen widget: Control music playback from the home screen by adding the Google Play Music widget.
- Playlists: Tap Menu next to a song in your library to add it to a playlist or show more options. To edit, rename, or delete a playlist, touch and hold its name in your library.
- During a flight: Airplane mode lets you to listen to your offline music and disconnects all connections. Swipe down the status bar with two fingers and tap Airplane mode to turn it on.
- File types: Your phone can play MP3, M4A, AAC, AAC+, MIDI, and WAV files.

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

Locate & navigate

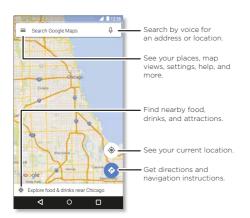
Quick start: Locate & navigate

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

Find it: Apps (:::) > Maps

Enter what you want to find in the search bar, then tap ψ to see more information and options.

Note: Your map screen may look different.



Tips & tricks

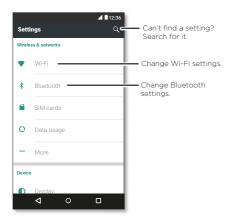
- Now on Tap™: In the map screen, touch and hold Home
 O to see information based on the current map. (See
 "Now on Tap™" on page 38.)
- Find an address: In the search field, enter an address or something you're looking for, like "restaurant." The map moves to show the address or local suggestions. Tap the address info at the bottom for more details.
- Get directions: Tap 💿, then enter a place or address.
- Save an address: Tap the address info at the bottom of the screen and then tap SAVE. .
- 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 up/down to tilt.
- Share a location: Tap a location, then tap the address and tap Menu > Share.
- Identify address: Touch and hold a spot on the map to show the nearest address.
- Get map help: Tap ≡ > Help.

Connect & transfer

Quick start: Connect & transfer

Connect accessories, computers, networks, and more.

Find it: Apps (:::) > 1 Settings



Tips & tricks

- Quick settings: Get to the most used settings quickly.
 Swipe the status bar down with two fingers. See "Quick settings" on page 21.
- Bluetooth devices: To connect a Bluetooth headset, keyboard, or other device, tap Bluetooth.
- · Wi-Fi networks: To connect, tap Wi-Fi.
- Wi-Fi hotspot: To make your phone a hotspot, check out Wi-Fi hotspot.
- USB cable: You can use your phone's micro USB port to exchange media and other files with a connected computer. To change the type of USB connection, check out USB cables.
- Automatic connections: When Bluetooth or Wi-Fi power is on, your phone automatically reconnects to available devices or networks it has used before.
- Airplane mode: Need to shut down wireless connections quickly? Swipe the status bar down with two fingers and tap Airplane mode .
- Print: Want to print your photos, docs, or other things?
 Check out Print.

Bluetooth wireless

Turn Bluetooth power on/off

Find it: Apps (iii) > (iii) > Settings > Bluetooth, then tap the switch to turn it on

Note: Swipe down the status bar with two fingers to quickly turn Bluetooth on or off.

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

Connect devices

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

- 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 is on.
- 4 Tap a found device to connect it (if necessary, tap PAIR or enter a passkey like 0000).

Tip: Tap **‡** to rename the device.

When the device connects, the Bluetooth connected indicator * appears at the top of the screen.

To automatically **disconnect** or **reconnect** a device (like a wireless headset) anytime, just turn the device off or on.

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

Manage devices

To manually reconnect your phone with a paired device, tap the device name in the list.

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

To remove a paired device, tap to the device name, then tap **FORGET**.

To change the name your phone shows to other devices, tap Apps (::) > (*) Settings > Bluetooth, turn Bluetooth power on, then tap Menu * > Rename this device. Enter a name and tap RENAME.

Let devices find your phone

To let a Bluetooth device discover your phone, tap the Bluetooth switch on your phone to turn it on.

Transfer files

- Photos or videos: Open the photo or video, then tap
 Bluetooth.
- Contacts: Tap Apps (:::) > ≥ Contacts, tap a person, then tap Menu > Share > Bluetooth.

Wi-Fi Networks

Turn Wi-Fi power on/off

Find it: Apps (:::) > (is Settings > Wi-Fi, then tap the switch to turn it on

Note: Swipe down the status bar with two fingers to quickly turn Wi-Fi on or off.

Connect to networks

To find networks in your range:

- 1 Tap Apps (::) > (ii) > (Settings > Wi-Fi.
 - **Tip:** To show your phone's MAC address and Wi-Fi settings, tap Menu > **Advanced**.
- 2 Make sure the Wi-Fi power switch is on.
- 3 Tap a found network to connect to it (if necessary, enter Network SSID, Security, and Wireless password, and tap Connect).

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

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

Tip: When Wi-Fi power is on, your phone automatically reconnects to available networks it has used before. If a router previously had no internet connection, your phone will not automatically connect to it.

Wi-Fi hotspot

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

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

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

Note: These steps may vary depending on your network.

- 1 Your phone turns off Wi-Fi power and uses the mobile network for internet access. Tap Set up Wi-Fi hotspot to set up security:
 - Network SSID: Enter a unique name for your hotspot.
 - Security: Select the type of security you want: Open or WPA2. For WPA2, enter a unique password that others will need to access your Wi-Fi hotspot.

Note: WPA2 is recommended by IEEE.

- Password: Create a password with at least eight characters.
- 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 **Network name**, selecting a **Security** type, and entering the correct wireless **Password**

Wi-Fi modes

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

USB cables

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

To load music, pictures, videos, documents, or other files from your computer, connect your phone to your computer with a USB cable. To change the type of USB connection (if necessary), swipe the status bar down and tap **USB**.

Tip: Make sure to connect the phone 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®: On your computer, choose Start, then select Windows Explorer from your list of programs. In Windows Explorer, your phone will appear as a connected drive (mass storage device) where you can drag and drop files, or it will appear as an MTP or PTP device that lets you use Windows Media Player to transfer files. For more instructions or driver files, visit www.motorola.com/support.

 For Apple™ Macintosh™: Use Android File Transfer, available at www.android.com/filetransfer.

Share your data connection

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

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

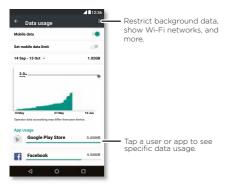
- 1 Connect your phone to your computer using a USB cable.
 Note: If your computer is running something older than Microsoft® Windows® 7 or Apple™ Macintosh™ OSX, it might require special configuration.
- 2 On your phone, tap Apps (...) > Settings, then make sure the Wi-Fi switch is turned off.
- 3 In Settings, tap More > Tethering & portable hotspot, then tap the USB tethering to start the connection.
 - To stop the connection, uncheck ${\bf USB\ tethering},$ then disconnect your phone from your computer.

Data use

You can track the amount of data your phone uploads and downloads

Find it: Apps (:::) > 🔯 Settings > Data usage

Your phone shows a data usage graph. Below the graph, apps are listed from highest to least data usage. 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 app background data**.

To turn off background data use for all apps, tap Menu > > Restrict background data.

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

Your cloud

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

Sync your Google account

When you log in to the same Google account, all devices can get to all the same apps, movies, books, and music from Google Play™—plus you share the same Gmail, Google Calendar™, and Google Mobile™. To add Google accounts to your phone, tap Apps (:::) > (**) Settings > Accounts > Add account > Google.

Phone & tablet

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

- Transfer media and files: Copy files to your phone and transfer them to other devices—see Transfer files.
- Phone hotspot: If you have a Wi-Fi tablet, turn your phone into a Wi-Fi hotspot to let your tablet access the Internet anywhere—see Wi-Fi hotspot.

 Bluetooth* accessories: If you have a Bluetooth keyboard or other accessories to use with your tablet, remember you can use them with your phone too. To connect them, see Bluetooth wireless

Memory card

You can choose to use your SD card as portable or internal storage:

- Portable storage: Store your pictures, videos, audio and other media files. You can remove the SD card at any time and transfer it to another device.
- Internal storage: In addition to your media files, you can store downloaded apps and games. The SD card acts as an extension of the internal storage of your phone.

After you have inserted an SD card into your phone, you will be prompted to select either portable or internal storage.

To manually set your SD card to internal storage tap Apps (iii) > (iii) > (iv) Settings > Storage & USB, then select your SD card and tap Menu > Settings > Format as internal.

Caution: If your SD card is set to internal storage, it is formatted and encrypted to protect your information. If you want to use it as portable storage, or in another device, you'll need to format it. Before doing so, please remember that formatting erases all the data stored on your SD card.

Tip: Use a Class 10 SD card.

Note: Your phone supports SD card up to 128 GB.

Mount or unmount memory card

To mount an SD card, just put it in your phone (see **If you** need to insert SIM and memory cards, remove the back cover.).

To unmount your SD card (so you can take it out of your phone), tap Apps (:::) > (ix) Settings > Storage > SD card. then tap Apps (:::) Apply to the SD card name.

Caution: Do not remove an SD card while your phone is using it or writing files to it.

Erase memory card content and format card

To delete all the information (music, photos, and files) from your SD card and re-format the card, tap Apps (::) > Settings > Storage, tap the SD card, then tap Menu > Settings > Format.

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 (::) > **(iii)** > **(iv)** > **VPN**. Tap $\frac{1}{2}$ to add a new 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 your service provider for help.

To see network settings options, tap Apps (iii) > (iii) > (iv) >

Note: Your phone supports most networks. Contact your service provider for help.

Airplane mode

Use airplane mode to turn off all your wireless connections—useful when flying. Swipe the status bar down with two fingers and tap **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.

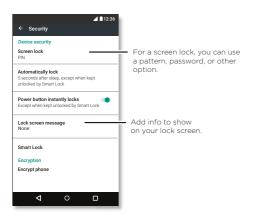
Protect

Quick start: Protect your phone

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

Find it: Apps (:::) > (a) Settings > Security

The easiest way to protect your phone is to use **Screen lock**. You can choose to swipe to unlock (less secure), or enter a pattern, PIN, or password to unlock your phone.



Screen lock

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

Find it: Apps (:::) > Settings > Security > Screen lock, then select the lock type:

- None: Turn off the screen lock.
- Swipe: Touch 🔁 and drag up to unlock.
- 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, tap Apps (::) > **To Settings** > **Display** > **Sleep**.

Note: You can make emergency calls on a locked phone (see **Emergency calls**). A locked phone still rings, and you do not need to enter a PIN or password to answer a call.

Can't unlock?

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

If you don't have a Google account on your phone, contact your service provider to have your device factory reset.

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

Screen pinning

Need to keep an important screen handy, like a boarding pass or shopping coupon? Pin the screen for easy access.

To set up screen pinning, tap Apps () > () Settings > Security > Screen pinning, then tap the switch to turn it on.

To **pin** a screen, open the app you want to pin, touch and hold Overview \prod , and scroll up. Tap $(\overline{*})$.

To **unpin** the screen, touch and hold both Back \triangleleft and Overview \square until you see the **Screen unpinned** message.

Tip: To **secure** your phone when you activate screen pinning, tap **Lock device when unpinning**.

Encrypt your phone

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

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

You shouldn't need to use this feature, but to encrypt your phone and require a PIN or password whenever you turn on your phone, tap Apps (iii) > (iv) Settings > Security > Encrypt phone.

Backup & restore

Find it: Apps ::: > (a) Settings > Backup & reset, then tap the Back up my data switch to turn it on

Your Google account data is backed up online. If you reset or replace your phone, just log in to your Google account to restore the contacts, events, and other details you synced with the account.

To restore backed up data when reinstalling an app, tap Apps :::> Settings > Backup & reset > Automatic restore.

To choose what syncs with the account, tap Apps (:::) > (iii > Accounts > Google, tap your Google account, and check things to sync.

Note: Text messages, call logs, and items stored on your phone will not be restored. To restore your Google Play™ apps, see **Take care of your apps**.

Reset

To reset your phone to factory settings and erase all the data on your phone, tap Apps (::) > (ii) Settings > Backup & reset > Factory data reset.

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

Stolen phone?

Your phone has Android Device Manager. You can remote lock or reset your device to protect your device from thieves. For details, see www.google.com/android/devicemanager.

Want more?

Get help & more

Get answers, updates, and info:

- Help is here: Tap Apps (iii) > ? Help to get walk-through tutorials, how-to's, FAQs, videos and more, right on your phone.
- Everything Moto G: Get PC software, user's guides, and more at

www.motorola.com/mymotog

- Accessories: Get accessories for your phone at www.motorola.com/mobility.
- Get Apps: Tap Apps (::) > Play Store to buy and download apps.
- . News: Here's how to find us:
 - YouTube™ www.youtube.com/motorola
 - Facebook® www.facebook.com/motorola
- > Twitter www.twitter.com/motorola
- Google+™ www.google.com/+Motorola/posts

Tips & tricks

- Interactive: To get started quickly, tap Apps (iii) > ? Help for interactive tutorials.
- Google™ help: In almost every Google app, you can tap Menu > Help. You can also view the Google help centers online at www.google.com/support.

Where is my legal, safety, and regulatory information?

In order to provide you with better access to this important information, we've made the materials accessible from the phone's settings menu and on the web. Review these materials prior to using your device. To access the materials from a connected phone, go to Settings > Legal information, and select a topic. To access the materials on the web, visit www.motorola.com/device-legal.

Crash recovery

In the unlikely event that your phone stops responding to touches and button presses, try a reboot—press and hold the Power button until the screen goes dark and your phone restarts.

Service & repairs

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

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

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

1-800-734-5870 (United States)

1-888-390-6456 (TTY/TDD United States for hearing impaired)

1-800-461-4575 (Canada)

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

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

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