



moto e



At a glance



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Home screen & apps



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First look

Your Moto ET™ is built to keep up with you. It has a crisp display, the latest software and a battery that lasts all day. It's water-resistant and you can even customise your phone to match your style with Motorola Bands and Grip Shells.

Note: Motorola Bands and Grip Shells are sold separately. Availability varies by country.

Note: your phone may look a little different.



Tips & tricks

- **Start:** ready to start? See "**Start**".
- **Top topics:** just want a quick list of what your phone can do? See "**Top topics**".
- **Help:** all your questions about your new phone answered right on your phone. Touch Apps (☰) → ? **Help**. Want even more? See "**Get help & more**".

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

SAR 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 1.5 cm from the body. The SAR guideline includes a considerable safety margin designed to ensure the safety of all persons, regardless of age and health.

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



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Top topics

Check out what your phone can do.

- Personalise your Home screen: see "**Redecorate your Home screen**".
- Make a quick change: see "**Quick settings**".
- Go online: see "**Browse**".
- Explore: see "**Google Play™**".
- Find apps: see "**Download apps**".
- Be social: see "**Socialise**".
- Play it safe: see "**Protect**".
- Find it yourself: see "**Locate & navigate**".
- Take a photo: see "**Take photos**".
- Connect to Wi-Fi: see "**Wi-Fi networks**".
- Watch a movie: see "**Play Movies & TV**".
- Protect your phone: see "**Screen lock**".
- Walk through interactive tutorials: see "**Help & more**".
- Get all the help you need: see "**Get help & more**".

Tips & tricks

- **Interactive:** to get started quickly, touch Apps  → **? Help** for interactive tutorials.
- **Google™ help:** in almost every Google app, you can touch Menu  → **Help**. You can also view the Google Help Centres online at www.google.com/support.



Start

let's get up & running

Start

Remove the Motorola Band
Put in the SIM & memory cards, replace the Motorola Band & then power on
Battery life
Sign in
Old phone to new phone
Google Play™



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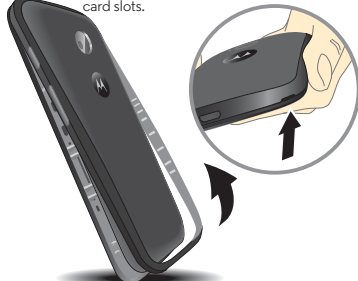


Remove the Motorola Band

The Motorola Band around the edge of your phone covers the SIM and memory card slots.

Caution: don't use tools to remove the Motorola Band—doing so may damage your phone.

1. Put your finger in the bottom corner of the Motorola Band around the phone's edge.
2. Pry the Motorola Band off to expose the card slots.



Note: to replace the Motorola Band, align the top first, then match up the Power and Volume keys. Snap on the bottom then, press around the whole edge until the Motorola Band is in place.

Put in the SIM & memory cards, replace the Motorola Band & then power on

Note: in some countries, you can use a second SIM card.

Put in the SIM and optional microSD cards.

Caution: make sure you use the correct size SIM cards and don't use adapters with your SIM cards.

1 Put the SIM and memory cards in.

With the gold contacts facing up, push in a card. The SIM card clicks in.

Micro SIM

SIM Nano SIM & adapter

SIM 2 (optional)

microSD (optional)

SIM 1

2 Replace the Motorola Band & power on.



Press & hold Power until the screen lights up.

Note: to remove a card, push it in to release it. Then slide it out.



Start



Start

**Remove the Motorola Band
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**Sign in
Old phone to new phone
Google Play™**

Activate your SIM cards

In some countries, you can use a second SIM. If there's only one SIM in the phone, it's ready to use. With two, you can use either or both.

Touch Apps  →  **Settings** → **SIM cards** and select settings, like which SIM to use for calls, texts and more. Also, during setup, choose the SIM to use for data.

Tips & tricks

- **SIM and memory card slots:** the SIM and memory card slots are hidden by the band that goes around the edge of your phone. Take off the band to locate them.
- **Power button:** to make the screen sleep or wake up, press the Power button. To turn your phone on or off, press and hold it.



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Battery life







Your phone is like a small computer: tons of information and apps at lightning fast speed. Depending on what you use, that can take a lot of power.

To see what's using up battery power, touch Apps  → **Settings** → **Battery**.

To turn on Battery saver, touch Apps  → **Settings** → **Battery**, then touch Menu  → **Battery saver**.

Tips & tricks

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

- Wi-Fi and Bluetooth® use: touch Apps  → **Settings**, then touch **Wi-Fi** or **Bluetooth** to turn them off when you don't need them.
- GPS use: touch Apps  → **Settings** → **Location** → **Mode** → **Battery saving** to turn off GPS tracking.
- Display brightness: touch Apps  → **Settings** → **Display** → **Brightness level** → (slide dimmer setting left). Make sure **Adaptive brightness** is also turned on.
- Display timeout delay: touch Apps  → **Settings** → **Display** → **Sleep** → (shorter setting).
- Widgets that stream information to your Home screen, like news or weather.
- Unused online accounts that you registered: touch Apps  → **Settings** → **Accounts**. Touch the account you want to remove. Touch it again, then touch 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 may cause burning and injury. If your phone becomes unresponsive, try a reboot—press and hold the Power key until the screen goes dark and your phone restarts.



Start

Start

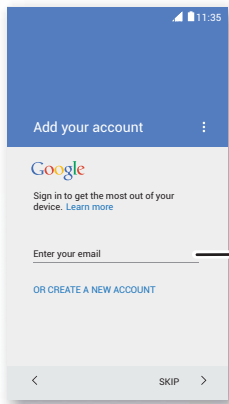
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Sign in




If you use Gmail™, you already have a Google™ account — if not, you can create an account now. Signing in to your Google account lets you use Google apps, see your contacts, appointments, photos and more.

Just select your language and follow the screen prompts to get started.



Contacts,
appointments,
photos and
more—sign in
to see it all.

Tips & tricks

- **Wi-Fi network:** for faster Internet access or to conserve data use, swipe the status bar down, touch  and then touch **Wi-Fi**. There's more in "**Wi-Fi networks**".
- **Accounts:** to add, edit or delete accounts, touch Apps  →  **Settings** → **Accounts**, then touch **+ Add account**. To set up email accounts, see "**Email**".

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

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

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.



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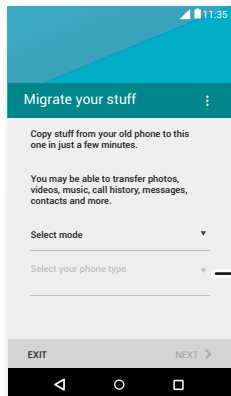
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Old phone to new phone

Copying your personal stuff from your old phone to your new phone with Motorola Migrate is easy.

- **From Android™:** on your old phone, download the Motorola Migrate app on Google Play™ to get started. Then on your new phone, touch Apps  →  **Migrate** to get started.
- **From iPhone or other phone:** on your new phone, touch Apps  →  **Migrate** to get started.



Select your old phone type.

Tips & tricks

- While you're migrating, you can keep using your phone.
- Signing into your Google account copies your apps if they are backed up to the cloud.
- For iPhones, you can migrate contacts and calendar events only from the iCloud.
- 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 DRM-protected files.)
- Older phones that are not Android or iPhone must have Bluetooth® capability.



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Google Play™

Google Play is a digital content experience from Google where you can find and enjoy your favourite films, books, magazines and Android apps and games.



Note: content may not be available in all countries.

Tips & tricks

- Find out more about **Google products**: see www.google.com/about/products.
- Log in or open a **Google account**: visit www.google.com/accounts.
- **Google help**: see www.google.com/support.
- **Download Android apps**: touch Apps  →  **Play Store**.
- Access all of your files **in the cloud**: check out "**Your cloud**".



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you have quick access

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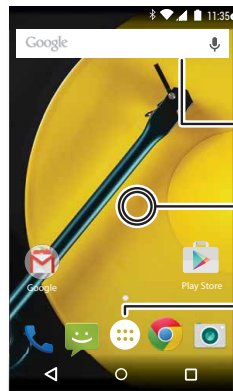
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Quick start: Home screen & apps

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


- **Search:** type text in the Google Search box at the top of your home screen, or touch  to search by voice.
- **Open app list:** to see your apps, touch Apps .




Swipe down to see notifications, profiles and settings.

Search by typing or saying "OK Google Now".

Touch & hold an empty spot to add widgets, change wallpaper or access settings.

Touch Apps  to see all your apps.

Tips & tricks

- **Widgets:** to put widgets such as a clock, interactive calendar and more on your Home screen, touch and hold an empty spot on the Home screen, then touch **WIDGETS**.
- **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 show other pages of shortcuts and widgets, swipe the Home screen left.
- **Remove:** 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.
- **Search:** to open Google Now™, touch and hold Home , then flick up to the Google icon .
- **Settings:** to quickly open settings, swipe the status bar down with two fingers and touch .
- **Uninstall:** to uninstall apps, touch Apps , touch and hold an app, then drag it to **Uninstall**. (You can't uninstall some apps).
- **Customise:** for more about changing your Home screen, see "**Redecorate your Home screen**".



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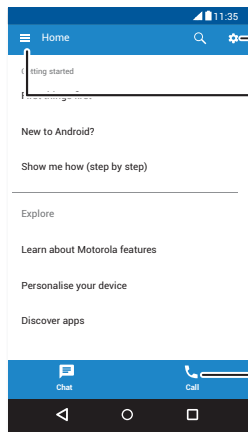
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Help & more

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

Find it: Apps (⋮) → ? Help



Let us suggest a few changes for you.


Watch tutorials, read how-tos & more.

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

Search

At the top of the Home screen, touch the Google Search box for a text search.

As you type, suggestions appear below the search field:

- To search for a suggestion, touch it.
- To search for text in the search field, touch  on the keyboard.

Tip: to close the keyboard, touch .



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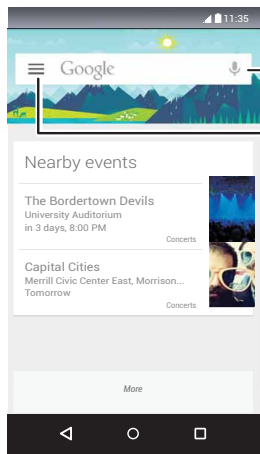
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Google Now™

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


To get started, touch and hold Home , then swipe up to the Google icon .



To ask Google a question or perform a task, just say "OK Google Now", followed by your request.

Set reminders, customise or change settings.

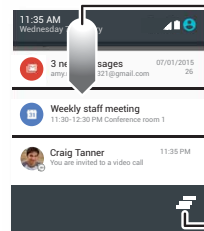
Stuff that's important to you shows up here. Swipe right on a card to remove it.

To turn Google Now on/off, set your preferences or learn more, open Google Now and touch  → **Settings**.

Tip: when Google Now is on, swipe right from the Home screen to see it.

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.



Swipe down to see settings & notifications.

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

Clear your notifications.

Tip: to quickly change common settings, swipe the status bar down with two fingers. For more, see "**Quick settings**".



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Icons at the top right of your screen tell you about phone status:

network strength	no sound
Wi-Fi in range/ connected	vibrate
Bluetooth® on	priority
aeroplane mode	alarm set
battery charging/full	warning

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

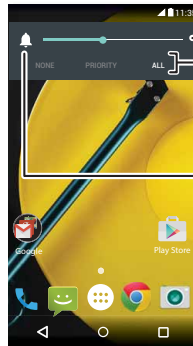
Volume

Press the side Volume key up or down to select a volume from high to vibrate

Also, touch one of these options for more settings:

- **All:** receive all notifications and alarms.
- **Priority:** touch to select which interruptions to receive. You will always hear alarms. Set when you want to be in this mode, or choose indefinitely.
- **None:** turn off all sounds and alarms. Override sound settings from other apps. Set how long to stay in this mode, or choose indefinitely.

Tip: touch for vibrate or for ring.



Set the volume using the side Volume keys.

Touch an option to set the types of notifications and alarms to hear.

Change to vibrate.



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Discover your Moto apps

Your phone has special Moto apps, like Moto Assist and Moto Display, that can tell whether you're in a meeting or sleeping.

Tip: to adjust these features at any time, touch Apps  →



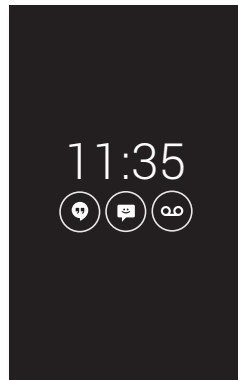
Moto Assist

Based on where you are and what you are doing, Moto Assist suggests ways to help you throughout your day. For example, it'll ask you if it should keep your phone silent at night while you are sleeping.



Moto Display

See messages, calls and other notifications as they arrive. Even when your phone is asleep, information discreetly appears on the screen.



Touch & hold to see a preview. Drag up to open the message or down to unlock your phone.

Swipe left or right to open the other notifications.



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Download apps


Google Play™

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

Find it: Apps  →  **Play Store**

- **Find:** to search for apps, touch .
- **Download:** to download an app you've found, touch it to see details and then touch **INSTALL**, or the price.
- **Share:** to share an app you found on Play Store, touch it to see details and then touch .
- **Reinstall:** to show or reinstall apps you've downloaded from Play Store, touch  → **My apps**.
- **Use a computer:** to find and manage apps from any computer, go to <http://play.google.com> using your Google account and password.

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



- **Enjoy music, books and movies:** you can also use Google Play Store to access the "**Play Music**", "**Play Books**" and "**Play Movies & TV**" apps.
- **Get help:** to get help and more, touch .

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 this information, cancel the installation.

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

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

Choose carefully

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

- To help prevent spyware, phishing or viruses from affecting your phone or privacy, use apps from trusted sites, such as Google Play Store.
- In Google Play Store, check the app's ratings and comments before installing.
- If you doubt the safety of an app, don't install it.



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- Like all apps, downloaded apps will use up memory, data, battery and processing power — some more than others. For example, a simple battery level widget will use less than a streaming music player app. After installing an app, if you're not happy with how much memory, data, battery or processing power it's using, uninstall it. You can always install it again later.
- Just like web browsing, you may want to monitor children's access to apps to help prevent exposure to inappropriate content.
- Certain apps may not provide completely accurate information. Take care, especially when it comes to personal health.









Take care of your apps

From your Home screen touch Apps , then swipe left to scroll through apps. To close the apps screen, touch Home  or Back .

- **Uninstall apps:** touch Apps  →  **Settings** → **Apps**. Swipe left to **ALL**, touch an app, then touch **Disable** or **Uninstall** in the top right-hand corner (if available).

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

If an app locks up your phone as soon as you turn it on, restart in Safe Mode: turn off your phone, then turn it back on when you see the "Motorola" logo during power-up, press and hold both volume keys until you see the home screen, with **Safe Mode** in the lower left. Then, try removing the app.

- **Reinstall apps:** to reinstall apps from the Google Play Store, touch Apps  →  **Play Store**, then touch  → **My apps**. The apps you downloaded are listed and available for download.
 - **See or clear app details:** touch Apps  →  **Settings** → **Apps**. Swipe left or right to see the list of **DOWNLOADED**, **RUNNING** or **ALL** apps, then touch an app in the list to see its details and storage usage. You can touch **Clear data**, **Clear cache** or other options.
- Tip:** to quickly show app details, touch Apps , touch and hold an app, then drag it to **App info**.
- **See app data usage:** to see which apps are using the most data, touch Apps  →  **Settings** → **Data usage**. For more, see "**Data usage**".



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Update your phone

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

- Using your phone:

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

To manually check for updates, touch Apps  →

 **Settings** → **About phone** → **System updates**.

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

- Using your computer:

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



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how it acts & looks

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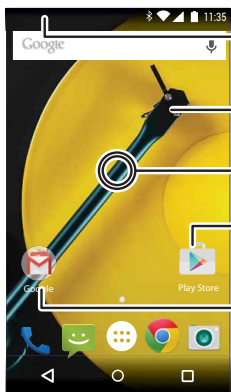
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Accessibility

Quick start: control & customise

Take control of your phone:

- **Touch, press and speak:** learn phone gestures and commands. See "**Controls and gestures**".
- **Customise your phone and Home screen:** to put widgets like a clock, an interactive calendar and more on your Home screen, touch and hold an empty spot on the Home screen.



Swipe down with two fingers to see quick settings. Swipe down with one finger to see notifications.









Touch a widget to modify it.
Touch & hold to resize it.

Touch & hold an empty spot to change wallpaper.

Touch a shortcut to open.
Touch & hold to move or delete.

Drag shortcuts on top of each other to make a group.

Tips & tricks

- **Speak:** touch  in a search window, or  on a keyboard.
- **Uninstall:** to uninstall apps, touch Apps , touch and hold an app, then drag it to **Uninstall**. (You can't remove some apps.)
- **Ringtone for a contact:** to set a personal ringtone for a contact, touch Apps  →  **Contacts**, touch the contact. Touch , then touch Menu  → **Set ringtone**.
- **Quick settings:** to change **Wi-Fi**, **Bluetooth**, **Aeroplane mode** and other settings, swipe the status bar down with two fingers. For even more settings, touch  **Settings**.
- **Add a Home screen page:** drag an icon to the right side of the Home screen until you see a white bar. You can add multiple pages.



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

Profiles

Accessibility

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Touch

Find your way around:

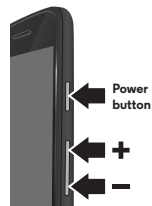
- **Touch:** choose an icon or option.
- **Touch and hold:** open options for items in lists.
- **Drag:** move items on the Home screen.
- **Swipe:** scroll through lists or between screens.
- **Pinch or double tap:** zoom in and out on websites, photos and maps.
- **Twist:** twist a map with two fingers to rotate it, and pull two fingers down to tilt it.
- **Back:** touch Back  to go to the previous screen.
- **Home:** touch Home  to return to the Home screen.
- **Overview:** touch Overview  to see your recent apps and touch an app to reopen it. To remove an app from the list, swipe it left or right. To scroll the list, swipe up or down.
- **Menus:** when  or  appears on a screen, you can touch it to open options for the current screen.
- **Close keyboard:** to close a touchscreen keyboard, touch .
- **Reboot:** to reboot your phone, press and hold the Power key until the screen goes dark and your phone restarts.

Press

Power button

Press and hold the Power key to choose **Power off**.

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. To wake up the touchscreen, just press the Power button again.



Tip: to add more security to your phone, see "**Protect**".

Volume keys

Your volume keys help in a few ways:

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

Tip: for more on volume control, see "**Volume**".



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Speak



Just tell your phone what you want.


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

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

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:** touch  on the Home screen to search by voice, or say your custom phrase to speak your search.

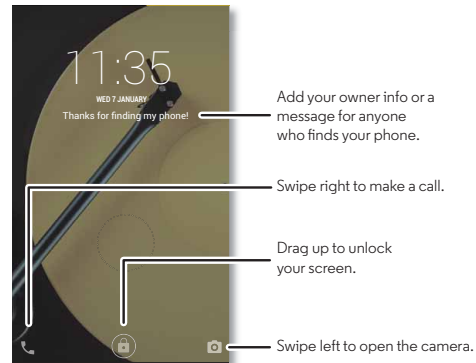
To change your voice input and text-to-speech settings, touch Apps  →  **Settings** → **Language & input**.




- **Text entry:** on a touchscreen keyboard, touch , then speak your message or search text. You can also say 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 key to turn the screen off and on.
- **Screen lock:** to unlock the screen, touch  and drag up. To use a password, pattern, PIN or facial recognition security to unlock your screen, touch Apps  →  **Settings** → **Security** → **Screen lock** (see "Screen lock").
- **Notifications:** double tap a notification to open it. You'll be prompted to enter your passcode.



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- **Owner info:** to add a message to your lock screen in case you lose your phone, touch Apps (☰) → ⚙️ **Settings** → **Security** → **Owner info**. To set your message, just touch **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), touch Apps (☰) → ⚙️ **Settings** → **Display** → **Sleep**.

Customise your phone

Customise your phone's sounds and appearance:

- **Ringtone and notifications:** to choose ringtones or notifications, touch Apps (☰) → ⚙️ **Settings** → **Sound & notification**.
- **Vibrate or silent:** to make your phone vibrate for incoming calls, touch Apps (☰) → ⚙️ **Settings** → **Sound & notification** → **Also vibrate for calls**. To turn off ringtones for incoming calls, touch Apps (☰) → ⚙️ **Settings** → **Sound & notification** → **Phone ringtone** → **None**.
- **Ringtone for a contact:** to set a personal ringtone for a contact, touch Apps (☰) → 👤 **Contacts** and touch the contact. Touch ✎️, then touch Menu ⋮ → **Set ringtone**.
- **Message alert:** to change your new message notification settings, touch Apps (☰) → 📧 **Messaging** → Menu ⋮ → **Settings** and tick **Notifications**.

- **Display settings:** to change brightness, animation and other display settings, touch Apps (☰) → ⚙️ **Settings** → **Display**.
- **Rotate:** in many apps, the touchscreen switches from portrait to landscape when you rotate your phone. To turn this on or off, swipe down the status bar with two fingers and touch **Auto-rotate**.
- **Wallpaper:** to change your wallpaper, touch and hold an empty spot on your Home screen. For more, see "**Redecorate your Home screen**".
- **Language and region:** to set your menu language and region, touch Apps (☰) → ⚙️ **Settings** → **Language & input** → **Language**.



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Redecorate your Home screen

For quick access to your favourite things, customise your Home screen the way you want.

- **Change wallpaper:** touch and hold an empty spot on your Home screen and touch **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:** touch Apps (☰), touch and hold the app, then drag it to one of your Home screen pages. To see all your apps, touch Apps (☰) and swipe to the left.
- **Create shortcut folders:** you can group app shortcuts together on your Home screen to organise them.

To create a folder on your Home screen, drag one shortcut onto another. Add more shortcuts by dragging them onto the first shortcut. To name the folder, touch it, touch the name and enter a name below the apps.

- **Add widgets:** touch and hold an empty spot on the Home screen and touch **WIDGETS**.

Tip: some apps include widgets. To download apps, touch Apps (☰) →  **Play Store**.

- **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 and shortcuts:** touch and hold a widget or shortcut until you feel a vibration, then drag it to another spot, another page or **Remove** at the top of the screen.

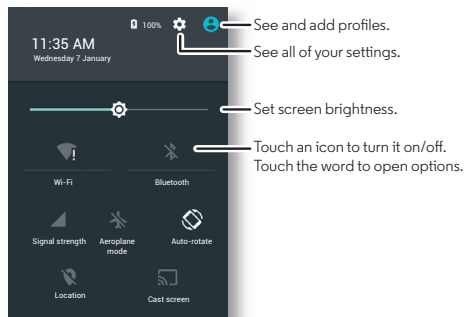
Note: removing a shortcut from your Home screen doesn't uninstall the app from your phone.

Quick settings

For quick access to **Wi-Fi**, **Bluetooth**, **Brightness**, **Aeroplane mode** and other settings, swipe the status bar down with two fingers. For even more settings, touch  **Settings**.

Need help finding this screen? See "**Status & notifications**".

Note: your quick settings may look a little different.





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Profiles

You can share your device with others by adding a user. Users will each have their own space on the device for custom Home screens, accounts, apps, settings and more.

Add & switch users



Note: only the phone's owner can add a user.

Swipe down the status bar with two fingers and touch Profile . Follow the prompts to add a new user.

To switch users, swipe down the status bar with two fingers and touch Profile . Touch a user name.

Note: for a temporary user, use the **Guest** profile, which has limited access to your phone's features and apps. Guests won't have access to your personal information.

Change or delete users

Touch Apps  →  **Settings** → Users, then touch  next to a user's name.


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. Check it out—say your custom prompt to ask your phone a question. Touch  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, touch Apps  →  **Settings** → **Accessibility** → **TalkBack**, then touch **Off** to turn it on.

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

To use TalkBack:

- **Menus and screens:** touch an item in a menu or screen. Your phone speaks the name.
- **Dialler and text entry:** start typing. Your phone speaks each number or letter.
- **Notifications:** drag the status bar down. Your phone speaks all of the notifications.
- **Books and more:** open a book, file, message and more. Your phone reads the text out loud (app-dependent).
- **Browsers:** enable webpages in your browser to be read out loud. Move between pages, paragraphs, lines, words or characters.

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



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To pause/resume TalkBack:

- Wave your hand over the proximity sensor at the top of the phone. To activate this feature, touch Apps  → **Settings** → **Accessibility** → **TalkBack** → **Settings** → **Use proximity sensor**.
- When Explore by touch is on, swipe down then right to open the global context menu, then use the menu to pause TalkBack.

Explore by touch


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

To turn on Explore by touch when TalkBack is active, touch Apps  → **Settings** → **Accessibility** → **TalkBack** → **Settings** → **Explore by touch**.

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


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

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

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




Note: the way these gestures are interpreted is specific to TalkBack. Other accessibility services may use the same gestures for different actions.

To learn more about navigating your phone with Explore by touch, touch Apps  → **Settings** → **Accessibility** → **TalkBack** → **Settings** → **Launch "Explore by touch" tutorial**.

To turn off Explore by touch when TalkBack is active, touch Apps  → **Settings** → **Accessibility** → **TalkBack** → **Settings** and deselect **Explore by touch**.

Braille

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

- 1 Download the BrailleBack app from the Google Play™ Store (touch Apps  → **Play Store**), and install it on your phone.
- 2 Touch Apps  → **Settings** → **Accessibility** → **BrailleBack**.
- 3 Turn on your Braille display and put it in Bluetooth® pairing mode.
- 4 On your phone, touch Apps  → **Settings** → **Bluetooth**, then touch the Bluetooth power switch to turn it on and scan.
- 5 Touch the name of your Braille display to pair it with the phone.



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Accessibility shortcut

Use simple gestures to quickly activate TalkBack and other accessibility features on your phone. For more information, touch Apps  →  **Settings** → **Accessibility** → **Accessibility shortcut**.

Caller ID

When you want to hear who's calling:

- **Read out loud:** have your caller announced—touch Apps  →  **Settings** → **Accessibility** → **TalkBack** → **SETTINGS** → **Speak Caller ID**.
- **Ringtone:** assign a unique ringtone to a contact. Touch Apps  →  **Contacts**, and touch the contact. Touch , then touch Menu  → **Set ringtone**.

Volume & vibrate

Find it: Apps  →  **Settings** → **Sound & notification** →

Volumes or **Vibrate when ringing**

- **Volumes** opens sliders that let you set different volumes for your music or videos, ringtone, text or email notifications and alarms.
- **Vibrate when ringing** determines whether your phone vibrates for incoming calls (even if the ringer is silent).








Tip: for more on volume control, see "**Volume**".

Zoom

Get a closer look.

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

Tip: to zoom in, you can also double tap.

- **Screen magnification:** triple tap the screen for full screen magnification, or triple tap and hold to temporarily magnify. Touch Apps  →  **Settings** → **Accessibility** → **Magnification gestures**.
 - **Big text:** show bigger text throughout your phone. Touch Apps  →  **Settings** → **Accessibility** → **Large text**.
 - **Browser:** choose text scaling and other accessibility settings for your browser. Touch Apps  →  **Chrome** → Menu  → **Settings** → **Accessibility**.
- Tip:** use **Force enable zoom** to allow zooming on all webpages.

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 down the status bar with two fingers and slide the bar to adjust.

Note: setting brightness to a high level decreases your phone's battery life.



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Touchscreen & keys

To hear or feel when you touch the screen, touch Apps (☰) →

⚙️ **Settings** → **Sound & notification** → **Other sounds**:

- **Touchscreen:** to hear a click when you touch something on the screen, select **Touch sounds**.
- **Keys:** to feel a vibration when you touch a key on the touchscreen keyboard, select **Vibrate on touch**.
- **Screen lock:** to hear a click when you lock or unlock the screen, select **Screen lock sounds**.

Messages

To make text entry even easier, use features like auto-capitalisation, auto-correction and more. Touch Apps (☰) → ⚙️ **Settings** → **Language & input**, then touch a keyboard type. Of course, if you don't want to type at all, use your voice. Touch 🗣️ on the touchscreen keyboard.

Apps

Want more? No problem. With over 1,000,000 apps to choose from, Google Play has something for everyone, and many apps provide useful accessibility features.

Find it: Apps (☰) → 📺 **Play Store**



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when you need to talk

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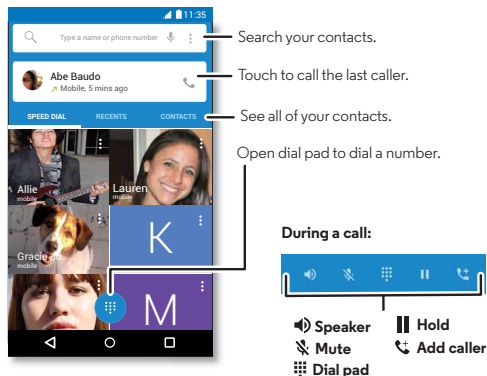


Quick start: calls

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

Find it: **Phone**

- To call a contact or recent call, touch it.
- To open the dial pad, touch . Enter a number, then touch 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, touch Home to hide the call screen and look up a phone number, address or open other apps. To reopen the call screen, swipe down the status bar and touch **Ongoing call**.
- **Contacts:** to search your contacts, touch **CONTACTS**.
- **Favourite contact:** do you have someone you call all the time? Touch and hold an empty spot on your Home screen, touch **WIDGETS**, then touch and hold the **Direct dial** widget. Drag it to your Home screen, then select the contact. Touch the widget to dial the person.
- **Voicemail:** appears in the status bar when you have new voicemail. To hear it, touch **Phone** → , then touch and hold **1**.



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Make calls

When you make a call, you have options:

- Touch **Phone** to see your recent calls, favourites and frequently called contacts. Select a contact or number to call it.
- To dial a number, touch , enter a number, then touch to call it.
- To enter the international dialling code (+), touch and hold **0**. To add a pause or wait after numbers, touch Menu .

Answer & end calls

- **Answer a call:** when your phone is unlocked, touch **ANSWER**.

Note: when your phone is locked, swipe right to answer a call.

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

- **Ignore a call:** when your phone is unlocked, touch **DISMISS**. If locked, swipe left to send the call to 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 caller, touch the caller's name (if visible). Touch and drag to .
- **End a call:** touch .

- **During a call:** touch **Mute** to mute the call. To hide the call screen, touch Home . To reopen it, swipe down the status bar and touch **Ongoing call**.

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

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

Recent calls

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

Find it: **Phone** → **RECENTS**

- To call a number, touch a contact name, then touch **CALL BACK**.
- To send a text message or store the number, or for other options, touch the contact picture.
- To remove an entry from the call log, touch it, then touch **DETAILS** → .
- To clear the list, touch Menu → **Call history**, then touch Menu → **Clear call log**.



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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, touch .

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

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




Your phone number

Find it: Apps  → Settings  → About phone → Status → My phone number

Note: may not be available in all countries.

Emergency calls

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

- 1 Touch  **Phone** (if your phone is locked, drag  up to unlock it, then touch **EMERGENCY CALL**).
- 2 Enter the emergency number.
- 3 Touch  to call the emergency number.

Note: your phone can use location-based services (GPS and AGPS) to help the emergency services find you. See "Location Services" in your legal and safety information.



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you can be a people person

Contacts

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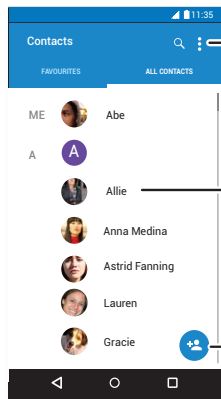
My details

Quick start: contacts

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

Find it: Apps → **Contacts**

- **Create:** touch .
- **Edit or delete:** touch a contact, then touch .
- **Call, text or email:** touch a contact, then touch an option.



Sort contacts, change settings, accounts and more.

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

Add a contact.

Tips & tricks

- **Search contacts:** from the Home screen, touch the Google search box and enter a contact's name. Or, in the **Contacts** list, touch .
- **Send contacts:** touch a contact, then touch Menu → **Share** to send it in a message or over a Bluetooth® connection.
- **Shortcuts:** touch a contact, then touch Menu → **Place on Home screen** to add a shortcut for this contact on your Home screen.
- **Synchronise:** on your phone, touch Apps → **Settings**. Go to the **ACCOUNTS** section, choose your Google account, then touch your account name to sync it if it has not recently been updated. You can also see these contacts at www.gmail.com.

For help with transferring contacts, learn about Motorola Migrate in "**Old phone to new phone**" or go to www.motorola.com/TransferContacts.



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Find it: Apps → **Contacts** →

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

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

Call, text or email contacts

Find it: Apps → **Contacts**

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

Favourites

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

- To set a favourite, touch Apps → **Contacts**, select a contact and touch ☆.
- To see your favourites, touch Apps → **Contacts** → **FAVOURITES**.

Edit, delete or hide contacts

Find it: Apps → **Contacts**

- To edit a contact, touch it, then touch . Touch a field to edit it. Touch to choose the contact's picture.
- To set a personal ringtone for the contact, touch it, touch , then touch Menu → **Set ringtone**.
- To delete the contact, touch it, touch , then touch Menu → **Delete**.

Contacts from social networks will be 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 in your **Contacts** list, touch Menu → **Contacts to display**. Touch an account type to show it. Touch **Customise** to deselect accounts you always want to hide.



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Get all your contacts in one place.

- To add your social networking contacts, touch Apps (☰) →  **Settings** → **Accounts**, then touch **+ Add account**.

Note: you'll need a social networking app first. See "**Google Play™**" to get apps.

- To add your email contacts, see "**Email**".

Tip: if you add a **Corporate sync** account, you can send messages to your co-workers, even if you don't have them stored in your contacts.

- To import contacts from your SIM card (if it didn't happen automatically): touch Apps (☰) →  **Contacts** → Menu (☰) → **Import/export** → **Import from SIM card**. Touch **OK** to confirm.
- To import contacts from your computer, upload the contacts to your Google™ account at <http://contacts.google.com>. On your phone, touch Apps (☰) →  **Contacts** → Menu (☰) → **Accounts** → Menu (☰) → **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**".

Share contacts

Share a contact with a Bluetooth® connection, in a message or using Google Drive™:

Find it: Apps (☰) →  **Contacts**

To share a contact, touch it, then touch Menu (☰) → **Share** and choose how you want to send it.

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

My details

Find it: Apps (☰) →  **Contacts**

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



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Messages

say it & go

Messages

Quick start: messages

Read, reply, forward & delete text messages



Set your default messaging app




Email

Chat using Google Hangouts™



Quick start: messages

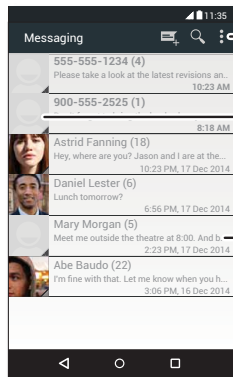
Stay in touch with messages and pictures.

Find it: Apps  →  **Messaging**

- **Create:** touch .
- **Attach:** when you're typing a message, touch  to attach a picture, video or other file.
- **Send:** touch  to send the message.

Tips & tricks

- **Forward a message:** in a conversation, touch and hold a message for more options, such as forwarding it.
- **Save pictures:** touch and hold a picture to save it. To see the picture, touch Apps  →  **Gallery**.
- **Voice entry:** just touch a text box, then touch  on the keyboard.
Tip: if you don't see  on the keyboard, touch Apps  →  **Settings** → **Language & input** → **Google voice typing** to activate voice entry.
- **Text your best friend:** use a widget to text your favourite contact quickly: touch and hold an empty spot on the Home screen, touch **WIDGETS**, touch and hold **Direct message** to drag it to your Home screen, then choose a contact.



Touch the top right icons to create a new message, search messages, change notifications & more.

Touch the plus icon to add a contact.

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



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Find it: Apps  →  **Messaging**

- **Open:** touch a conversation to open it.
- **Attachments:** when you open a message with an attachment, touch the attachment to open it or touch and hold it to save it.
- **Reply:** open a conversation, then enter your response in the text box at the bottom.
- **Copy, Forward or Delete:** open a conversation, touch and hold the message you want, then touch an option. To delete a whole thread of messages, open the thread, then touch Menu  → **Delete thread**.
- **Settings:** touch Menu  → **Settings** to change your notifications and other options.

Set your default messaging app

You can also use Google Hangouts™ to send and receive your text messages.

To set  **Hangouts** or  **Messaging** as your default messaging app:

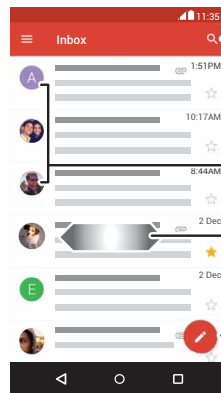
Find it: Apps  →  **Settings** → **More** → **Default SMS app**

For more about Google Hangouts, see "**Chat using Google Hangouts™**".


Email

Send and receive email. Set up and manage accounts.

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







Touch to search mail.

Touch to choose multiple messages, then touch  to select an option.

Swipe left or right to archive a message.

Touch to compose a new email.

- **Add Gmail accounts:** the first time you turned on your phone, you probably set up or logged in to your Google™ account—that sets up the  **Gmail** app for one account.

To add more Google accounts, touch Apps  →  **Settings** → **Accounts**, then touch  **Add account** → **Google**.



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- **Add email accounts:** the Gmail app manages all of your email accounts. To add personal  **Email** accounts, follow the prompts when you first open the app, or touch Apps  →  **Settings** → **Accounts**, then touch **+ Add account** → **Email**. For Microsoft® Exchange server work email accounts, touch **+ Add account** → **Exchange** and enter details from your IT administrator.
- **Change account settings:** to change Gmail™ account settings, touch Apps  →  **Settings** → **Accounts** → **Google**.
- **Delete accounts:** to delete a Gmail or email account, touch the account name, then touch Menu  → **Remove account**.
- **Switch accounts:** to quickly switch between your email accounts, touch  and touch your other account at the top.

Chat using Google Hangouts™

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

Find it: Apps  →  **Hangouts**

- **Start a new hangout:** touch **+**, then touch a name in your list of friends. You can send a text message, or touch  to make a video call.
- **Change settings:** touch  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.



Type

keyboard when you need it

Type

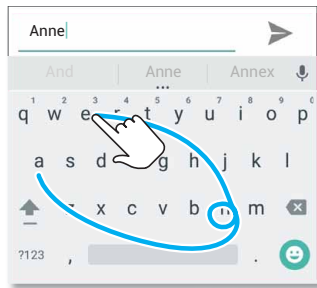
Quick start: type

Text entry settings & dictionary Cut, copy & paste

Quick start: type





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

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



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

Tips & tricks

- **Move the cursor:** touch 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, touch the word in the word list below the text box, then touch there again to add it to your dictionary.
- **Symbols:** touch and hold a key to enter the small number or symbol at the top of it.
To enter several numbers or symbols, touch 7123.
- **Double letters:** circle a letter to enter two of them.
- **Capital letters:** touch  or drag it to the letter you want to capitalise.
- **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. Touch one to select it.
- **Voice entry:** touch  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.
- **Vibrate:** don't like the vibrating keys when you type? Touch Apps  → Settings  → Language & input → Google Keyboard → Preferences.



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Type

Quick start: type

Text entry settings & dictionary

Cut, copy & paste

Text entry settings & dictionary

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

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

- To choose your touchscreen keyboard, touch **Current Keyboard**. To allow voice entry from the keyboard, touch **Google voice typing**.
- To change the preferences for your keyboard, touch **Google Keyboard**.
- To add or edit the words that your phone suggests and recognises, touch **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.
- 2** Touch 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** Touch in the text box, then touch and hold to show the **PASTE** option. Touch **PASTE** to paste the text.



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Organise

get it done any time

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Office network
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







Next



Clock

Find it: Apps  →  **Clock** → 

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

When an alarm sounds, touch  and drag to  to turn it off, or drag to **z^z** to snooze for ten minutes.

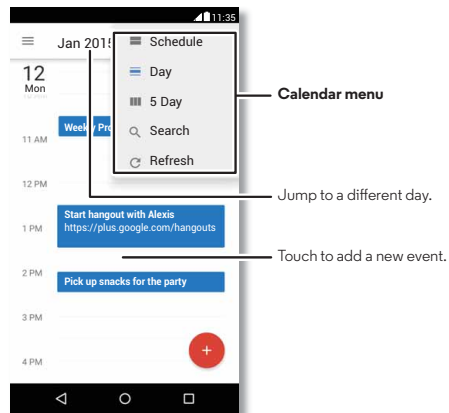
- **Settings:** to change your alarm volume, snooze delay or other settings, touch Menu  → **Settings**.
- **Timer:** for a timer, touch .
- **Stopwatch:** for a stopwatch, touch .
- **World clock:** for other time zones, touch .



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 all your events, all in one place.

Find it: Apps  →  **Calendar**



- **Change the view:** touch the month at the top to choose a date to view. Or touch Menu  to choose **Day**, **5 Day** or **Schedule**.
- **Go to today's date:** touch .
- **Add events:** touch a time on the calendar and touch New Event. Enter event details, then touch **SAVE**.



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- **Show, edit or delete events:** touch an event to open it, then touch edit . Touch **DELETE** to remove the event.
- **Show, hide or add calendars:** touch 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, touch **WIDGETS**, then touch and hold the **Calendar** widget.

Corporate sync

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

- To add your **Corporate** account, see "**Email**".
- To choose what to sync from your **Corporate** account, touch Apps → **Settings** → **Accounts**, touch your account, then tick options such as **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, touch .
- To open a file, touch it.
- To edit a document, touch anywhere in the text to begin typing.

Print

To print photos, documents and more from your phone, check to see if your printer's manufacturer has an app on Google Play Store. Then touch Apps → **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.



Socialise

your life & your friends

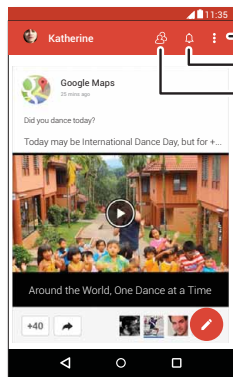
Socialise

Quick start: socialise

Quick start: socialise

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




Find it: Apps  →  **Google+**



- Open options.
- See notifications.
- See & find friends.

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

Tips & tricks

- **Upload photos:** touch Apps  →  **Gallery** and touch a photo or video. Choose  → **Google+** and select your account.
- **Add a widget:** use a widget to quickly read your Google+ posts. Touch and hold an empty spot on the Home screen, touch **WIDGETS**, then touch and hold **Google+ Posts** to drag it to your Home screen.
- **Help:** for more about Google+, visit www.google.com/+.
- **Other social networks:** you can also use Facebook®, Twitter and more. Open Google Play™ Store to find the latest official apps and widgets.



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Browse

explore & find

Browse

Quick start: Chrome™

Web connection

Downloads

Browser options

Safe surfing & searching



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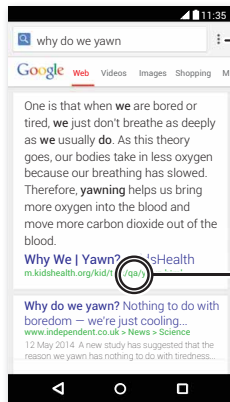
Next



Quick start: Chrome™

Find it: Apps  →  Chrome



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



See options.

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

Tips & tricks

- **Webpage shortcut:** to add a shortcut to a webpage on your Home screen, when viewing the webpage, touch Menu  → **Add to Home screen**.
- **Internet search shortcut:** on the Home screen, touch 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, touch Menu  → **Request desktop site**.
- **Reload:** if a page doesn't load correctly, touch Menu  → .
- **Clear history:** in the browser, touch Menu  → **Settings** → **Privacy** → **CLEAR BROWSING DATA**. Then choose history, cache, cookies and other options.
- **Help:** for more about Google Chrome, touch Menu  → **Help & feedback** or visit www.support.google.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 "**Wi-Fi networks**".



Browse

Browse

Quick start: Chrome™

Web connection


Downloads



Browser options

Safe surfing & searching

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 webpage, touch Apps (☰) →  **Chrome** and go to the website:

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





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

Browser options

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

Safe surfing & searching

Keep track of what your browser and searches show:

- **Incognito:** to open a tab that won't appear in your browser or search history, touch Apps (☰) →  **Chrome** → Menu (☰) → **New Incognito tab**.
- **Clear history:** to clear your browser history and other saved information, touch Apps (☰) →  **Chrome** → Menu (☰) → **Settings** → **Privacy** → **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, touch Apps (☰) →  **Chrome** → Menu (☰) → **Settings** → **Auto-fill forms**, then touch the switch at the top to turn it off.
- **Pop-ups:** to stop pop-up windows from opening, touch Apps (☰) →  **Chrome** → Menu (☰) → **Settings** → **Content settings** → **Block pop-ups**.



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Photos & videos

see it, capture it, share it!

Photos & videos

Quick start: photos & videos

Take photos

Record videos

The perfect shot

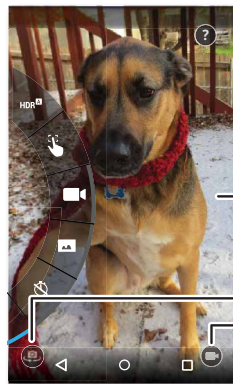
View, share & use photos & videos

Capture your screen

Quick start: photos & videos

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

- **Launch it:** even when your phone is asleep, twist your wrist twice, quickly, to open the camera at any time.
- **Take a photo:** touch anywhere on the screen.
- **See it:** swipe left for your photo gallery (🖼️ **Gallery**).
- **Share it:** view a photo or video from your gallery, then touch Share 📎.



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

Swipe right for effects and settings.

Switch to front camera.

Switch to video camera.

Tips & tricks

- **Quick Capture:** touch Apps ☰ → 📷 **Camera**, swipe the screen right and touch 📷 to turn Quick Capture on or off. When Quick Capture is on, twist your wrist twice to open the camera.
- **Take a selfie:** touch 📷 in the camera screen or twist your wrist to switch to the front camera.
- **Record a video:** touch 📹 on the camera screen to temporarily switch to the video camera and start recording. Then touch 📷 to stop recording.
- **Capture a still shot during a video:** touch anywhere 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, 🗑️ to delete or Menu ☰ for more options.
- **Change settings:** to open camera options, swipe the camera screen right. Rotate the dial to see more options.
- **Zoom:** drag the camera screen up or down using one finger.
- **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 to open settings, then touch 📷. Use the on-screen guide to slowly pan your phone.
- **Crop:** to edit a photo, touch the photo to select it, then touch ✂️.
- **Print:** want to print your photos? Check out "Print".



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Photos & videos

Photos & videos

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Take photos

Find it: Apps  →  **Camera**

Touch anywhere on the camera screen to take the photo.

Record videos

Find it: Apps  →  **Camera**, then touch 




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








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

The perfect shot

Point, touch 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. Rotate the dial to see more options.

Options	
 HDR	Turn on HDR (high dynamic range) effect for better pictures in challenging lighting situations, such as outdoors.
 Control focus and exposure	Set the camera to focus on the object you touch in the screen.
 Slow motion	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.
 Timer	Set a timer to 3 seconds or 10 seconds.
 Location	Tag your photos with a location.
 Memory card	Store photos on a memory card, if you have one inserted.
 Resolution	Take a widescreen photo.
 Shutter tone	Turn the shutter click on or off.
 Quick Capture	Twist your wrist twice to turn the camera on. Twist twice again to switch to front camera.



Photos & videos

Photos & videos

Quick start: photos & videos

Take photos

Record videos




The perfect shot

View, share & use photos & videos

Capture your screen

View, share & use photos & videos

Find it: Apps  →  **Gallery**

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


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


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


Tip: turn your phone sideways for a widescreen view.



- **Wallpaper or contact**

photo: open a picture, then touch Menu  → **Set picture as.**

- **Edit:** open a picture, then touch .



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

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

Capture your screen

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

To capture your phone's screen, press and hold both the Power button and the Volume down key at the same time.

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



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Play Movies & TV

films & programmes, wherever you go

Play Movies & TV
Play Movies & TV
YouTube™

Play Movies & TV

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

Find it: Apps  →  **Play Films & TV**

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

YouTube™

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

Find it: Apps  →  **YouTube**



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Play Music



when life needs a soundtrack

Play Music Quick start: music

Quick start: music

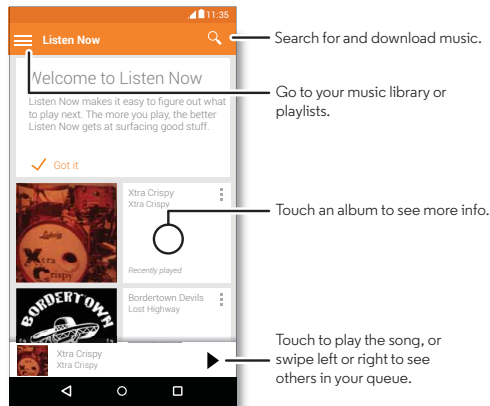
Music everywhere — stream it, buy it, save it, play it. Listen and create playlists any time.

Note: you can buy music only in the US and some countries.

Find it: Apps  →  **Play Music**

To get your music on Google Play™ using a computer, visit www.google.com/music.

Touch **Listen now** to see recommendations and more.



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




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Tips & tricks

- **Volume:** press the volume keys.
- **Hide the music player:** to use another app while your music plays, touch Home . To return to the music player, swipe the status bar down and touch the song title.
- **Home screen:** control music playback from the Home screen by adding the **Google Play Music** widget.
- **Shop:** touch **Shop** to shop for more music. (If you don't see the Shop option, touch , then touch **Shop**.)
- **Playlists:** touch Menu  next to 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:** swipe down the status bar with two fingers and touch  to turn off all your network and wireless connections and listen to music during a flight.
- **File types:** your phone can play MP3, M4A, AAC, AAC+, MIDI and WAV files.
- **Radio:** for FM radio, plug in a headset or earbuds, then touch Apps  → **FM Radio**.

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



Play Books

even thick books fit


Play Books

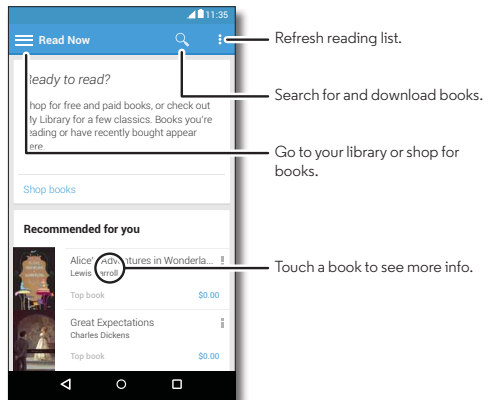
Quick start: books

Quick start: books


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


Note: you can buy books only in the US and some countries.

Find it: Apps ☰ →  **Play Books**



Tips & tricks

- **Turn pages:** while reading the book, turn the pages by swiping them.
- **Recent page:** when you open a book, it shows the last page you were reading.
- **Table of contents:** touch a book page, then touch Menu ☰ to open the table of contents or change the view.
- **Close:** to return to your book list, touch the back arrow.
- **Shop:** to shop for books, touch Apps ☰ →  **Play Books** → **Shop**.

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

- **Magazines and more:** touch Apps ☰ →  **Play Newsstand**.



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Play Games

Why be bored?

Play Games Quick start: games

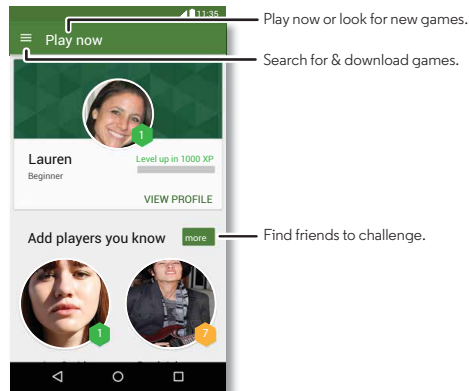
Quick start: games

Download and play the latest fun games.

Find it: Apps  →  **Play Games** → **Play Now**

Tips & tricks

- **Challenge friends:** you can play against people in your Google+™ circles. Scroll down to **Players** and choose a person or touch **Add friends**.
- **Find more friends:** scroll down to **Add players you know** and choose a person or touch **MORE**.



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Locate & navigate



where you are, where you're going

Locate & navigate

Quick start: locate & navigate

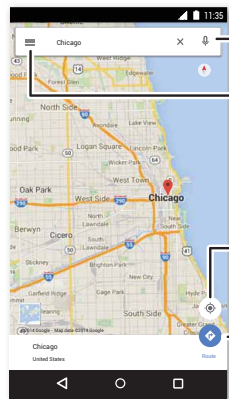
Quick start: locate & navigate

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 touch it to see more information and options.

Note: your map screen may look different.






Search by voice for an address or location.

See settings, help & more.

See your current location.

Get directions & navigation instructions.

Tips & tricks

- **Find an address:** in the search field, enter an address or something you're looking for, such as "restaurant". The map moves to show the address or local suggestions. Touch the address info at the bottom for more details.
- **Get directions:** enter a place or address, then touch .
- **Save an address:** touch the address info at the bottom of the screen and then touch **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 down/up to tilt.
- **Share a location:** touch a location, then touch the address and touch Menu  → **Share**.
- **Identify address:** touch and hold a spot on the map to show the nearest address.
- **Get map help:** touch  → **Help**.



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Connect & transfer

wired up or wireless

Connect & transfer

Quick start: connect & transfer

Bluetooth® wireless

Wi-Fi networks

USB cables

Share your data connection

Data usage

Your cloud

Phone & tablet

Memory card

Virtual Private Networks (VPN)

Mobile network

Aeroplane mode



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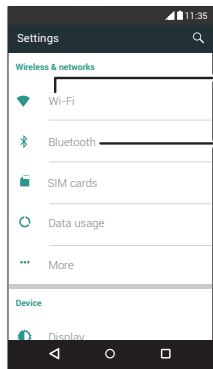
Next



Quick start: connect & transfer

Connect accessories, computers, networks and more.

Find it: Apps (☰) → ⚙️ **Settings**



Change Wi-Fi settings.

Change Bluetooth settings.

Tips & tricks

- **Quick settings:** get to the most used settings quickly. Swipe down the status bar with two fingers. See "**Quick settings**".
- **Bluetooth® devices:** to connect a Bluetooth headset, keyboard or other device, touch **Bluetooth**.
- **Wi-Fi networks:** to connect, touch **Wi-Fi**.
- **Wi-Fi hotspot:** to make your phone a hotspot, check out "**Wi-Fi hotspot**".
- **USB cable:** your phone's micro USB port lets you exchange media and other files with a connected computer. To change the type of USB connection, touch Apps (☰) → ⚙️ **Settings** → **Storage** → Menu (☰) → **USB computer connection**.
- **Automatic connections:** when Bluetooth or Wi-Fi power is on, your phone automatically reconnects to available devices or networks it has used before.
- **Aeroplane mode:** need to shut down wireless connections quickly? Swipe down the status bar with two fingers and touch **Aeroplane Mode**.
- **Print:** want to print your photos, docs or other things? Check out "**Print**".



Connect & transfer

Quick start: connect & transfer

Bluetooth® wireless

Wi-Fi networks

USB cables

Share your data connection

Data usage

Your cloud

Phone & tablet

Memory card

Virtual Private Networks (VPN)

Mobile network

Aeroplane mode



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Bluetooth® wireless

Turn Bluetooth power on/off



Find it: Apps  →  **Settings** → **Bluetooth**, then touch 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:

- 1 Make sure the device you are pairing with is in discoverable mode (for details, refer to the guide that came with the device).
- 2 Touch Apps  →  **Settings** → **Bluetooth**.
- 3 Make sure the switch is on.
- 4 Touch a found device to connect it (if necessary, touch **Pair** or enter a passkey such as **0000**).

Tip: touch  to rename a device.

When the device connects, the Bluetooth status indicator is shown at the top of the screen .

To automatically **disconnect** or **reconnect** a device anytime, like a wireless headset, 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, touch the device name in the list.

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





To remove a paired device, touch  next to the device name, then touch **Unpair**.

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

Let devices find your phone

To let a Bluetooth device discover your phone, just turn the Bluetooth switch on.

Transfer files

- **Photos or videos:** open the photo or video, then touch  → **Bluetooth**.
- **Contacts:** touch Apps  →  **Contacts**, touch a person, then touch Menu  → **Share** → **Bluetooth**.



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Wi-Fi networks

Turn Wi-Fi power on/off

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

Connect to networks

To find networks in your range:

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

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

- 2 Make sure the Wi-Fi switch is turned on.
- 3 Touch a found network to connect it (if necessary, enter **Network SSID**, **Security** and **Wireless password** and touch **Connect**).

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

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

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

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.

You 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 unauthorised access, it is strongly recommended that you set up hotspot security (WPA2 is the most secure), including password.

Find it: Apps → **Settings** → **More** → **Tethering & mobile hotspot** and tick **Mobile Wi-Fi hotspot**

Note: these steps may vary depending on your network.

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

- **Network SSID:** enter a unique name for your hotspot.
- **Security:** select the type of security you want: **open** or **WPA2**. For **WPA2**, enter a unique password that others will need to access your Wi-Fi hotspot.
Note: **WPA2** is recommended by IEEE.
- **Password:** create a password with at least eight characters.

- 2 Touch **SAVE**.

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 phone supports the following Wi-Fi modes: 802.11b, g, n.



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

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

Tip: make sure you 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™ OS X, it might require special configuration.

- 2 On your phone, touch Apps (☺) → ⚙ **Settings**, then make sure the **Wi-Fi** switch is set to off.

- 3 In **Settings**, touch **Tethering & mobile hotspot**, then tick **USB tethering** to start the connection.

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



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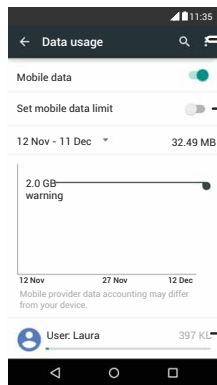


Data usage

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

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.



Restrict background data, show Wi-Fi networks and more.

Touch to set a data limit, so you don't use too much.

Touch a user or app to see specific data usage.

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

To turn off background data use for all apps, just touch 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 accounts to your phone, touch Apps → **Settings** → **Accounts**, then touch **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**".



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Memory card



Your photos, videos and other files are automatically stored in your phone's internal memory. You can set certain apps, such as the camera, to store files on a microSD card.

Note: your phone supports memory cards up to 32 GB.

Find it: Apps  →  **Settings** → **Storage** → **SD CARD**



Mount/Unmount memory card

To mount a memory card, simply put it into your phone.

To unmount your memory card (so you can take it out of your phone), touch Apps  →  **Settings** → **Storage** → **Unmount SD card**.



Caution: do not remove a memory card while your phone is using it or writing files to it.

Erase memory card content

To delete all the information (music, photos and files) from your memory card, touch Apps  →  **Settings** → **Storage** → **Erase SD card**.



Virtual Private Networks (VPN)

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

To enter VPN settings, touch Apps  →  **Settings** → **More** → **VPN**. Touch **+** 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, touch Apps  →  **Settings** → **More** → **Mobile networks**.

Aeroplane mode

Use aeroplane mode to turn off all your wireless connections—useful when flying. Swipe down the status bar with two fingers, then touch **Aeroplane mode**.

Note: when you select aeroplane 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 aeroplane mode. Emergency calls to your region's emergency number can still be made.



Protect

keep your phone safe

Protect

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Quick start: protect your phone

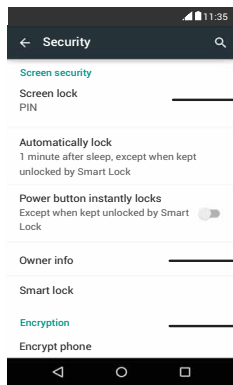
Make sure your information is protected in case your phone is lost or stolen.

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

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

Screen lock

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




For a screen lock, you can use a pattern, password or other option.

Add some info to show on your lock screen.

Encrypt the data stored on your smartphone.

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

- **None:** turn off the screen lock.
- **Swipe:** touch  and drag up.
- **Pattern:** draw a pattern to unlock.
- **PIN:** enter four to sixteen digits to unlock.
- **Password:** enter four to 16 letters, digits or symbols to unlock.

To change when your touchscreen goes to sleep, touch Apps  →  **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.



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Caution: if you enter an incorrect SIM PIN three times, your phone locks your SIM card and asks for your PIN unlock code. Contact your service provider for your PIN unlock code.

You shouldn't need to use this feature, but to set a SIM card PIN that you must enter when you turn on your phone, touch Apps ⋮ → **Settings** → **Security** → **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 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, touch Apps ⋮ → **Settings** → **Security** → **Encrypt phone**.

Back up & restore

Find it: Apps ⋮ → **Settings** → **Back up & reset**, then touch the 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 choose what syncs with the account, touch Apps ⋮ → **Settings** → **Accounts** → **Google**, touch your Google account and tick things to sync.

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

Reset

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

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



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Want more?

there's always more

Want more?
Get help & more



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Get help & more

Get answers, updates and info:

- **Help is here:** touch Apps  → **?** **Help** to get walk-through tutorials, how-tos, FAQs or chat with people who can help, right on your phone.
- **Everything Moto E:** get PC software, user guides and more at www.motorola.com/mymotoe.
- **Accessories:** get accessories for your phone at www.motorola.com/mobility.
- **Get apps:** touch 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

- **Google™ help:** in almost every Google app, you can touch Menu  → **Help**. You can also view the Google help centres online at www.google.com/support.



Troubleshooting

we can help

Troubleshooting
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Crash recovery

In the unlikely event that your phone stops responding to touches and key 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 Centre on 0870-9010-555 (UK) 1850-909-555 (Ireland).



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For your safety

Before assembling, charging or using your mobile device for the first time, please read the important product safety and legal information provided with your product.

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 key until the screen goes dark and your phone restarts.

Battery use & safety

Warning: your mobile device contains a battery that should only be removed by a Motorola-approved service centre 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

Charge your Motorola phone using a compatible Motorola charger, another brand class 2 Limited Power Source USB charger that complies with USB 1.1 or 2.0 and complies with EN301489-34, IEC62684 or equivalent, or a high-power USB port on a PC. Chargers that do not comply with these standards may be unsafe and may cause slow charging, product damage or reduced device performance.

- Your phone will not charge if the temperature is too high or low.
- New batteries and batteries that have been stored for a while may take longer to charge.
- Only use genuine Motorola batteries, which contain safety circuitry and are designed to give the best performance in your Motorola device.

Driving precautions

Responsible and safe driving is your primary responsibility when driving a vehicle. Always obey local laws and regulations.

While driving, ALWAYS:

- Keep your eyes on the road.
- Use a hands-free 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 & discomfort

Prolonged use of any device may cause discomfort in hands, fingers, arms, neck and other parts of your body, and may cause eyestrain and headaches. It is good practice to use your device in a safe area with comfortable ambient lighting, and take frequent breaks if you feel discomfort. Seek medical advice if symptoms persist.

In rare cases, flashing patterns or lights, for example in video games or films, may cause seizures or blackouts. If you suffer any seizures or blackouts, or have a history of seizures, stop using your device and seek medical advice.

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.



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. If the glass breaks, don't attempt to service the device yourself. Stop using your mobile device until the glass is replaced by a qualified service centre.

Allergens

Motorola Mobility avoids using known allergens in our products. From time to time, trace amounts of an allergen may be added during the manufacture of a device or device component that could cause discomfort for some individuals. This approach is common for many types of products. We recommend that you monitor any products that may be in prolonged contact with your skin, and remove them if you experience skin irritation.



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Use & care

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



liquids

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



drying

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



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 device, use only a dry soft cloth. Do not 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, fuelling stations, fuelling 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 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.
	Only use your charger indoors.

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 normally at your ear 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 1.5 cm (3/4 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 a non-Motorola accessory case or holder, make sure the accessory maintains the required separation distance and has no metallic parts.



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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 healthcare facilities.

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

Medical devices

If you use an implantable pacemaker or defibrillator, or other medical device, 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 cm (8 inches) from the pacemaker or defibrillator when the mobile device is turned ON.
- Use the ear opposite the pacemaker or defibrillator to minimise the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Regulatory information

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

European Union directives conformance statement

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

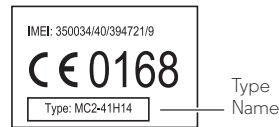


Hereby, Motorola declares that this product is in compliance with:

- 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): Outside the United States, 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 Type name:



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

Regulatory authorities within the EU may obtain compliance information by writing to: Product Safety and Compliance, Motorola Mobility UK Ltd., Redwood, Crockford Lane, Chineham Business Park, Basingstoke, RG24 8WQ, UNITED KINGDOM.

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).



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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): Outside 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 optimised for indoor use.

Software notices

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

software: Motorola strongly recommends that you do not alter 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 authorisation. 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 Radionavigation 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 such as 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 mobile network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

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

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

Navigation

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. Given that 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. Make sure you remove or clear all personal information before you recycle, return or give away your device. You can also back up your personal data to transfer to a new device.
Note: for information on how to back up or wipe data from your mobile device, go to 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 affect 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 unauthorised access to your device.



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- **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 affect your privacy or data security, please contact Motorola at 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 centre in your region. For details on approved national recycling schemes and Motorola recycling activities, go to: 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.

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 or estoppel or otherwise, any licence under the copyrights, patents or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free licence to use that arises by operation of law in the sale of a product.

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Open source software information

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

MOTOROLA MOBILITY LLC
OSS Management
1000 Enterprise Way
Sunnyvale, CA 94043
USA

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

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

To view additional information regarding licences, acknowledgements 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 licences**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

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 Centre on 0870-9010-555 (UK) 1850-909-555 (Ireland).



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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 centre, 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 centre. 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 centre or other entity.
5. To obtain warranty service, as permitted by applicable law, you are required to include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) your address and telephone number. In the event the Product is not covered by the Motorola Limited Warranty, Motorola will inform the consumer of the availability, price and other conditions applicable to the repair of the Product.

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

MOTOROLA MOBILITY LLC GLOBAL LIMITED WARRANTY

What does this Limited Warranty cover?

Motorola Mobility LLC ("Motorola") promises to the original purchaser ("you") that this Mobile Phone, and any in-box accessories which accompany it (the "Products"), will be free of defects for a period of 24 months from the date of original purchase ("Warranty Period") provided that the Products are used for normal [consumer/end user] purposes (the "Limited Warranty"). This Limited Warranty covers only a purchase of new Products from Motorola or an authorised reseller or distributor of Motorola Products and accompanied in-box by this written Limited Warranty. This Limited Warranty is personal to you and not transferable. Claims under this Limited Warranty may only be made in the country of purchase. If, following a repair, there are fewer than 90 days remaining in the Warranty Period, the Warranty Period will be extended to end 90 days from the date of repair.

THE PROMISES MADE TO YOU IN THIS LIMITED WARRANTY ARE IN ADDITION TO, AND DO NOT REDUCE OR OTHERWISE AFFECT, YOUR STATUTORY RIGHTS.

What will we do if you make a claim under this Limited Warranty?

If you make a valid claim under this Limited Warranty, Motorola will (at its discretion) either (1) repair the Product using new, used or reconditioned replacement parts; or (2) replace the Product with a new or 'as new' reconditioned Product; or (3) refund the purchase price. Any refunded or replaced Product shall become the property of Motorola.

What is not covered?

This Limited Warranty does not cover the following unless they occurred because of a defect in materials or workmanship:

- (a) Batteries or any protective coatings the performance of which naturally deteriorates over time.
- (b) Cosmetic damage, including scratches, dents, cracks or other cosmetic damage from normal wear and tear.
- (c) Damage caused by use with non-Motorola products. Defects or damage that result from the use of non-Motorola branded or certified compatible products, accessories or other peripheral equipment and/or software.
- (d) Damage caused beyond the reasonable control of Motorola, including damage caused by (i) accident, abuse, misuse; (ii) operating a Product outside its permitted or intended uses as defined in the Products' User Manual, Quick Start Guide, Online Tutorials, and other documentation provided to you, including use of the Products for [commercial rental] purposes; (iii) 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) (iv) contact with liquids, water, rain, extreme humidity, unusually heavy perspiration or other moisture; sand, food, dirt or similar substances (except for



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Products sold as resistant to such substances, but then only to the extent the damage was not caused by incorrectly securing the phone's protective elements or subjecting a Product to conditions beyond its stated specifications or limits; or (v) flood, fire, earthquake, tornado or other acts of God not within Motorola's reasonable control.

(e) Unauthorised service. Defects or damage resulting from someone other than Motorola or a Motorola authorised service centre servicing, testing, adjusting, installing, maintaining, altering, or tampering with the Products.

(f) Products that have been modified in any manner without the written permission of Motorola, including (i) serial numbers, date tags or other manufacturer coding that has been removed, altered or obliterated; (ii) mismatched or duplicated serial numbers; (iii) broken seals or other evidence of tampering; or (iv) which have been modified or show evidence of attempts to modify them.

IMPORTANT: IT IS ILLEGAL TO USE THIS PRODUCT IF IT CEASES TO COMPLY WITH THE GOVERNMENT AUTHORISATIONS THAT APPROVED ITS RELEASE. THEREFORE, YOU MUST NOT MAKE CHANGES TO THE PRODUCT AFFECTING ITS EMISSION, MODULATION, TRANSMISSION CHARACTERISTICS, INCLUDING POWER LEVELS, OPERATING FREQUENCIES AND BANDWIDTHS, SAR LEVELS, DUTY-CYCLE, TRANSMISSION MODES AND THE INTENDED METHOD OF THE PRODUCT.

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

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

(i) Software.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA DOES NOT GIVE ANY WARRANTIES OR MAKE ANY REPRESENTATIONS, EXPRESS OR IMPLIED, IN RELATION TO THE PRODUCTS. IN PARTICULAR, MOTOROLA DOES NOT WARRANT OR REPRESENT THAT THE PRODUCTS WILL MEET YOUR REQUIREMENTS, WORK IN COMBINATION WITH ANY THIRD PARTY HARDWARE OR SOFTWARE OR SERVICES, PROVIDE UNINTERRUPTED OR ERROR-FREE SERVICE, OR OPERATE WITHOUT RISK OF DATA LOSS.

YOU SHOULD BE AWARE THAT NO RETAILER OR OTHER THIRD PARTY IS AUTHORISED TO MAKE ANY REPRESENTATIONS ON BEHALF OF MOTOROLA OR TO MODIFY THIS LIMITED WARRANTY.

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TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA SPECIFICALLY DISCLAIMS LIABILITY, WHETHER IN CONTRACT, TORT OR UNDER OTHER LEGAL THEORY (INCLUDING NEGLIGENCE), FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCTS, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS; LOSS OF BUSINESS; BUSINESS INTERRUPTION; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION; LOSS OF, DAMAGE TO, OR CORRUPTION OF INFORMATION, DATA, SOFTWARE OR APPLICATIONS (INCLUDING ANY COSTS

ASSOCIATED WITH RECOVERING, PROGRAMMING, OR REPRODUCING ANY INFORMATION, DATA, SOFTWARE OR APPLICATIONS STORED ON OR USED WITH MOTOROLA PRODUCTS); OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR SERVICES PROVIDED UNDER THIS LIMITED WARRANTY. BY MAKING A CLAIM UNDER THIS LIMITED WARRANTY YOU ACKNOWLEDGE THAT YOU UNDERSTAND THAT.

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My Product is defective, what should I do?

- 1 Review the online Motorola customer support website at www.motorola.com for troubleshooting information.
- 2 If the Product is still not functioning properly after you have followed troubleshooting instructions suggested on this website, please contact Motorola using the contact details provided on the customer support website at www.motorola.com/support.
- 3 If your Product is covered by this Limited Warranty, you may be required to download, or otherwise obtain and accept software updates. You are responsible for any third party data costs incurred when obtaining the downloads.
Before we can provide any further support under this Limited Warranty you must first comply with the warranty processes (1), (2) and (3), repair instructions and accept any necessary software updates.
- 4 If the software update does not fix the problem, you will receive instructions on how and where to ship the Product for assessment. We will generally need: (i) proof of purchase; (ii) a written description of the problem; (iii) the name of your mobile network service provider, if applicable; (iv) your address and telephone number. We will only use this information for the purposes of processing your claim under this Limited Warranty.
- 5 If the Product is not covered by this Limited Warranty (and you do not have any other statutory rights in your place of usual residence), Motorola will inform you of the availability, price and other conditions applicable to the repair, replacement or refund of the Product.



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Chicago, IL 60654

USA

www.motorola.com

1-800-734-5870 (United States)

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.

Note: the images in this guide are examples only.

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Caution: Motorola does not take responsibility for changes/modification to the transceiver.

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