

CONGRATULATIONS


DROID X2 BY MOTOROLA

Own the web, capture high quality video, and share multimedia.

- Surf the web with a blistering fast 1 GHz dual-core processor.
- View Adobe® Flash® videos on your 4.3" qHD touchscreen, or use mirror mode to view your smartphone on your HD TV screen for gaming, videos, web browsing, and more. See "**HD VIEWING**" on page 21 and "**MIRROR MODE**" on page 21.
- Capture life's moments in HD video or use the gallery to gather all your photos and your friends' online albums in one place.
- Choose from thousands of cool apps, like apps for downloading your favorite movies and TV shows.

Caution: Before assembling, charging, or using your phone for the first time, please read the important legal and safety information packaged with your product.

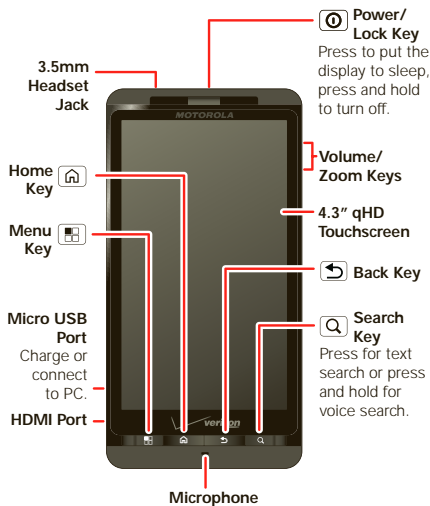
MORE

- **Answers:** Touch **Launcher icon**  > **Help Center**.
- **Updates:** Smartphone updates, computer software, online help, and more at www.motorola.com/mydroidx2.
- **Accessories:** Find accessories for your smartphone at www.motorola.com/products.

Notes:

- Unless specified otherwise, all instructions to perform tasks in this guide assume that you are starting from the home screen.
- All screens in this guide are simulated. Actual displays may vary.
- Your smartphone supports data-intensive apps and services. It is strongly recommended that you purchase a data plan that meets your needs. Contact your service provider for details.
- Instructions to perform tasks in this guide may change depending on the software version on your smartphone.

YOUR SMARTPHONE



Note: Your smartphone might look a little different.

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LET'S GO

let's get you up and running

ASSEMBLE & CHARGE

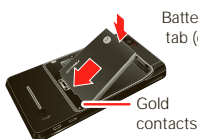
- 1 Remove cover (if necessary)



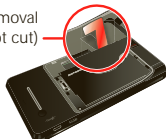
- 2 Insert microSD (if not already inserted)



- 3 Insert battery



Battery removal tab (do not cut)



- 4 Replace cover



- 5 Charge up



Caution: Please read the battery use and safety text in the important legal and safety information packaged with your smartphone.


Tip: To save battery life, see “**BATTERY TIPS**” on page 20.

SET UP & GO

The first time you turn on your smartphone, a setup wizard guides you through signing in to your Gmail™ account. If you don't have one, don't worry, the wizard will help you create one.

After you log in to Gmail, you can set up social networking, or you can do it later.


Note: Your smartphone supports data-intensive apps and services. It is strongly recommended that you purchase a data plan that meets your needs. Contact your service provider for details.

- 1 Press and hold Power/Lock  on top of your smartphone to turn it on.
- 2 Select a language.
- 3 Follow the setup wizard to create or log in to your Gmail account.



Note: If you have an existing Gmail account, your contacts from that account are synced to your smartphone.

WI-FI CONNECT

If you want to use a Wi-Fi network for even faster Internet access, press Menu  > **Settings** > **Wireless & networks** > **Wi-Fi settings**. Touch **Wi-Fi** to search for and connect to wireless networks. There's more in " **WI-FI** " on page 39.

COOL CONTENT & MORE

Browse and download thousands of the coolest apps on the planet from Android Market™.

Your smartphone can use a microSD memory card (sold separately)—you can load it up with photos, videos, and music from your computer using " **MEMORY CARD** " on page 41.

TOUCHSCREEN & KEYS

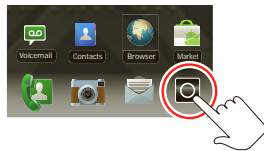
a few essentials

TOUCH TIPS


Here are some tips on how to navigate around your smartphone.

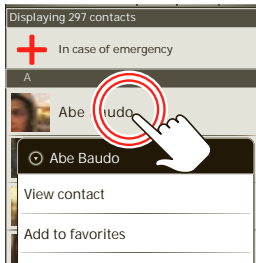
TOUCH

To choose an icon or option, *touch* it.




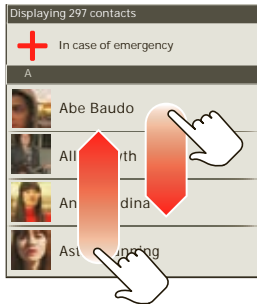
TOUCH & HOLD

To open special options, *touch and hold* an icon or other item. Try it: In the home screen, touch  **Contacts**, then touch and hold a contact to open options.



DRAG

To scroll through a list or move slowly, *drag* across the touchscreen. Try it: In the home screen, touch  **Contacts**, then drag your **Contacts** list up or down.



FLICK

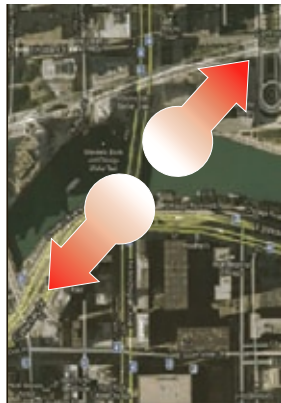
To scroll through a list or move quickly, *flick* across the touchscreen (drag quickly and release).

Tip: When you flick a long list, touch the screen to stop it from scrolling.

ZOOM

Get a closer look at Google Maps™ or web pages. To zoom in, *double-touch* (tap twice, quickly) the screen. To zoom out, *double-touch* the screen again.

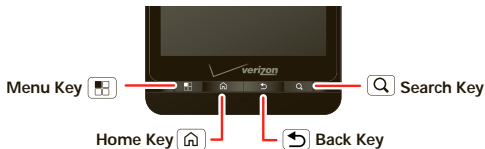
You can also zoom in or out by pinching your fingers together or moving them apart on the screen.






To zoom, touch with two fingers, then move them apart.



KEY TIPS

MENU, HOME, SEARCH, & BACK




Press Home  to close any menu or app and return to the home screen. In the home screen, press and hold Home  to show the last apps you used, then touch an app to open it.




Press Search  for text search, or press and hold for voice search.


Press Menu  to open menu options, or press Back  to go back.

POWER/LOCK & SLEEP KEY

Press and hold Power/Lock  to turn **Airplane mode** or **Silent mode** on or off, or turn off the smartphone (**Power off**).

To save your battery, prevent accidental touches, or when you want to wipe smudges off your touchscreen, put the touchscreen to sleep by pressing

Power/Lock . To wake up the touchscreen, just press Power/Lock  again or press Home .

To change how long your smartphone waits before the screen goes to sleep automatically, press Menu  > **Settings** > **Display** > **Screen timeout**.

Tip: To lock the screen when it goes to sleep, use “**SCREEN LOCK**” on page 45.


ADJUST VOLUME

Press the volume keys to change the ring volume or the earpiece volume (during a call).







ROTATE THE SCREEN

In many apps, the touchscreen adjusts to display in landscape mode when you turn the smartphone sideways:

Find it: Menu  > **Settings** > **Display** > **Auto-rotate screen**

QUICK TIPS


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

To...	
Get the details —Open a text message, see details for a contact, or open items in other lists.	Touch the message, contact, or item.
See screen menu —Open a menu for the current screen.	Press Menu  .
See item options —Open an options menu (if available) for an item on the screen.	Touch & hold the item.
Start again —Go back to the home screen.	Press Home  .
Wake up your smartphone —Turn on a sleeping touchscreen.	Press Power/Lock  or Home  .

HOME SCREEN

quick access to the things you need most

QUICK START: HOME SCREEN

The *home screen* gives you all your latest information in one place. It's what you see when you turn on the smartphone or press Home  from a menu. It's basically like this:




Note: Your home screen might look a little different.

The home screen extends to give you room for adding shortcuts, widgets, and more. Flick the home screen left and right to see more panels or to add widgets or shortcuts.





USE & CHANGE YOUR HOME SCREEN

On your home screen, *shortcuts* are icons that open your favorite apps, Web bookmarks, contacts, mail labels, or music playlists. *Widgets* show you news, weather, messages, and other updates right on your homescreen without having to open a separate application or web page.

Tip: From the home screen, touch Menu  > **Profiles** to design different home screens for **Work**, **Home**, or **Weekend**. Or, rename a label to whatever you like. Your changes are stored in each profile.

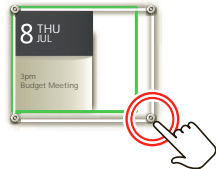
Flick the home screen left or right to open other *panels* of shortcuts and widgets.

- To **open** something, touch it. Press Home  to return to the home screen.

Tip: When you open a widget, touch Menu  to see any options or settings (you can choose accounts for **Messages**, **Social Networking**, or **Calendar** widgets).


There's more about social networking widgets in "**YOUR SOCIAL NETWORKING ACCOUNT**" on page 31.

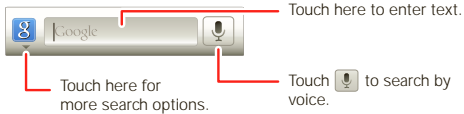
- To **resize Motorola widgets**, touch and hold a corner until you feel a vibration, then drag.
- To **add** something or change your wallpaper, touch and hold an empty spot until you see the **Add to Home screen** menu.



- You can add a folder to organize your shortcuts.
- To **move** or **delete** something, touch and hold it until you feel a vibration, then drag it to another spot, another panel, or the trash at the top of the screen.

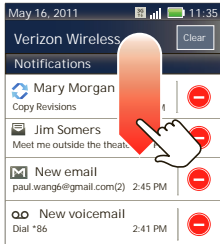
SEARCH

Press Search , then use the window that appears.



















SMARTPHONE STATUS & NOTIFICATIONS

The status bar at the top of the screen has icons that tell you about messages and smartphone status. To view your notifications, touch the status bar and drag it down. Touch a notification to select it.



Here are some of the status icons you'll see:


	Bluetooth® active		network (full signal)
	GPS active		network (roaming)
	Wi-Fi® active		3G (fastest data)
	downloading		airplane mode
	vibrate		sync active
	silent		alarm set
	mute call		battery (charging)
	speakerphone active		battery (full charge)

Tip: To see today's date, touch the status bar at the top of the screen.

APPS & UPDATES

get the app you want

QUICK START: APPS & UPDATES

You can find all of your apps in one place. From the home screen, touch **Launcher icon**  to open the app menu.

Tip: From the app menu, touch **All apps** > **New group** to create special groups of apps or to see your most recently used apps.

To close the app menu, press Home  or Back .


BROWSE & INSTALL APPS

Get all the fun games and cool apps you want! Android Market™ provides access to applications created by developers worldwide, so you can find the app you want.

Find it: **Launcher icon**  >  **Market**

Scroll to and touch the app you want to install. Then, touch **Install** (if app is free) or **Buy**.


Tip: Find more apps by going to market.android.com on your computer.

Note: If you need help or have questions about Android Market, press Menu  > **Help**.

RECENT APPS

Your smartphone remembers the apps that you used most recently. From the app menu, touch **All apps** > **Recent**.

MANAGE & RESTORE APPS

Find it: Menu  > **Settings** > **Applications** > **Manage applications**

Touch an app in the list, then touch **Uninstall** (for apps you downloaded), **Clear cache**, or other options.

To reinstall apps from Android Market, touch **Launcher icon**  >  **Market** > Menu  > **My apps**.

Previously installed apps are listed and available for download.

IMPORTANT CUSTOMER INFORMATION

Please be advised that many services and applications offered through this unique device are provided by Google™ and various application developers. If you use, link to or download a Google service, or an application such as a non-Verizon Wireless location based GPS-type service, chat room, marketplace or social network from this device, you should carefully review the terms of such service or application. If you use any of these non-Verizon Wireless services or applications, personal information you submit may be

read, collected, or used by the service or application provider and/or other users of those forums.

Motorola Mobility, Inc. and Verizon Wireless are not responsible for your use of those applications or information you choose to submit or share with others. Specific terms and conditions, terms of use, and privacy policies apply to those applications and services. Please review carefully any and all terms and conditions applicable to those applications and services including those related to any location-based services for any particular privacy policies, risks or waivers.


Your Verizon Wireless customer agreement terms and conditions and certain other specifically identified terms govern your use of any Verizon Wireless products and services.

UPDATE MY SMARTPHONE

You can check, download, and install smartphone software updates using your smartphone, or using your computer:

- Using your smartphone:

You may get an automatic notification of an available update on your smartphone. Simply follow the instructions to download and install.

To manually check for updates, press Menu  > **Settings** > **About phone** > **System updates**.

Your smartphone downloads any updates over your mobile network. Remember, these updates can be quite large (25MB or more) and may not be available in all countries. If you don't have an unlimited data plan, or mobile network updates are not available in your country, you can update using a computer.

- Using your computer:

On your computer, go to www.motorola.com/mydroidx2 and check the "Software" links. If an update is available, follow the installation instructions.

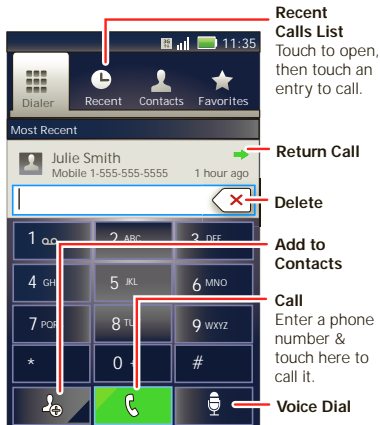
CALLS

it's good to talk

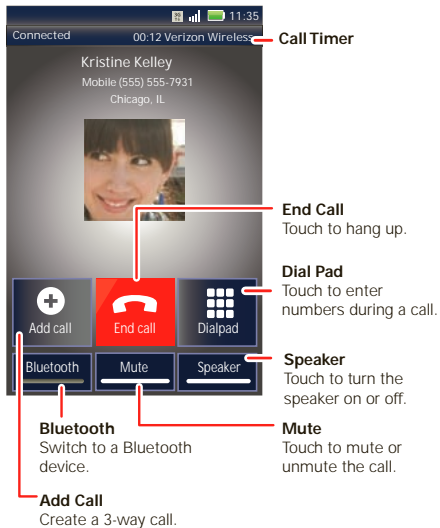
QUICK START: CALLS

DIALING OPTIONS

From the home screen, touch  **Phone**.







IN-CALL OPTIONS



During a call:

- To use a Bluetooth® device, touch **Bluetooth**. (The device must be turned on and previously paired—see “**CONNECT NEW DEVICES**” on page 38.)
- To mute a call, touch **Mute**.
- To use the speakerphone, touch **Speaker**.


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

Tip: You can press Home  or Back  to leave the active call display. To reopen it, press Home  >  **Phone** > **Return to call in progress**.

MAKE & ANSWER CALLS

To make a call, touch  enter a number, then touch .

Tip: If the screen is locked, drag  to the right.

To answer a call while the display is active, touch **Answer**. When the display is not active, answer by dragging  to the right.

To ignore a call, touch **Ignore**.

Note: Your smartphone includes a proximity sensor. When you hold the smartphone to your ear, the display goes dark to prevent accidental touches. When you

move your smartphone away from your ear, the display lights up again.


END CALLS

Touch **End Call**.

RECENT CALLS

Find it:  **Phone**

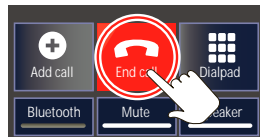
> **Recent**

- To call a number, touch it.
- To send a text message, create a contact, view a contact, or other options, touch and hold an entry.
- To clear the list, press Menu  > **Clear list**.

FREQUENT CALLS

Find it:  **Phone** > **Favorites**


- To call a number, touch it.
- To send a text message, view a contact, or other options, touch and hold an entry.
- To add a contact to Favorites, select the contact, and touch the star in the upper right corner. The star turns green.



CONFERENCE CALLS



To start a conference call, call the first number. After the call connects, touch **Add Call**. Dial the next number, or select it from contacts or favorites. When the next number answers, touch **Merge calls**.

YOUR SMARTPHONE NUMBER

Find it: Menu  > **Settings** > **About phone** > **Status** > **My Phone number**

EMERGENCY CALLS

Note: Your service provider programs one or more emergency phone numbers (such as 911 or 112) that you can call under any circumstances, even when your smartphone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

- 1 Touch  **Phone** (if your smartphone is locked, touch **Emergency Call**).
- 2 Enter the emergency number.
- 3 Touch  to call the emergency number.

Note: Your mobile device can use GPS and AGPS signals to help emergency services find you. See “GPS & AGPS” in your legal and safety information.

COOL DOWN

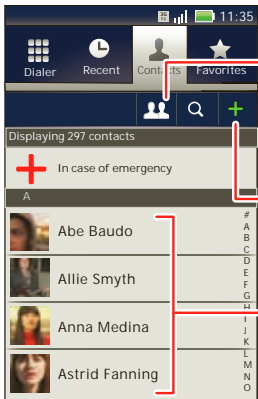
In very limited circumstances, such as where your phone has been exposed to extreme heat, “Cool Down” message screens will appear. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in “Cool Down” mode, only emergency calls can be made.

CONTACTS

contacts like you've never had before

QUICK START: CONTACTS

Find it:  **Contacts**




Group

Create and view groups of contacts.

Create Contacts

Contacts List

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

Tip: To search the list, press and hold Menu  to open a touchscreen keypad, then type a name. Or,

touch a letter of the alphabet on the right to go directly to that letter.

CALL OR EMAIL CONTACTS

Find it:  **Contacts**

For **View contact**, **Call contact**, **Text contact**, or other options, touch and hold the contact.


VIEW & USE CONTACTS

When you set up a social networking account (see "**SOCIAL NETWORKING**" on page 31), you'll know what everybody's up to and when. Every time you pick up a call, check a message, or look up a friend's contact info, sure, you'll see their name and number, but you can see their social network status and smiling face, too.

Find it:  **Contacts**

Touch a contact to open its details. While viewing details, you can start a call or message by touching a phone number or other info.


SORT CONTACTS

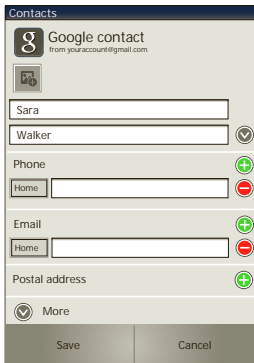
To sort contacts or set display options, press Menu  > **Display options** and touch:

- **Only contacts with phones:** hide email-only contacts.

- **Sort list by:** sort by first or last name.
- **View contact names as:** view contacts as first name or last name first.
- **Choose contacts to display:** select which source to use contacts from.

CREATE CONTACTS

Find it:  **Contacts** > Menu  > **Add contact**




Touch any entry area to open the touchscreen keypad.

When you're finished, touch **Save**.

Where are contacts saved? Your smartphone saves new contacts in its memory and on the Google Server or Backup Assistant™, if you have a subscription. It also updates your social networking account.

EDIT OR DELETE CONTACTS

Find it:  **Contacts**

Touch the contact, then press Menu  > **Edit Contact** or **Delete Contact**.


SYNCHRONIZE CONTACTS

When you change one of your contacts, your smartphone automatically updates your other social networking accounts. Likewise, if you change a social networking friend, your smartphone updates your contacts.

GROUPS

Find it:  **Contacts** >  > 

You can put your **Contacts** into groups that you create (like "friends," "family," or "work"). Then, you can find contacts faster by showing one group at a time.

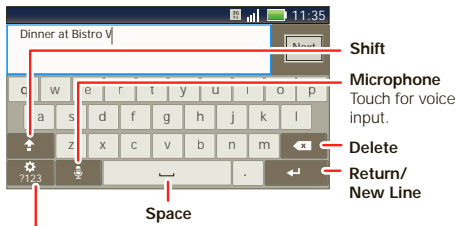
Tip: Press Menu  to choose which groups to show (like **All** or **Favorites**).

TEXT ENTRY

keys when you need them

TOUCHSCREEN KEYPAD

You can open a keypad on your screen by touching a text field, or pressing and holding Menu (☰). To close the keypad, press Back (←).



Letters/Numbers

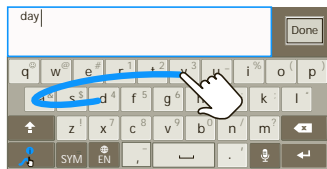
Touch to open a keypad for symbols or numbers.

INPUT METHODS

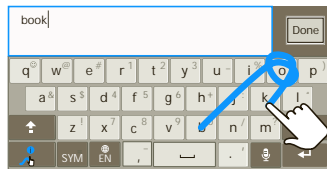
To select an input method, touch and hold a text entry area on the screen to open the **Edit text** menu. Touch **Input method**, then touch the method you want.

SWYPE™ TEXT ENTRY

Enter words with one continuous motion. Just drag your finger over the letters in the word.



day



book

For double letters, circle the letter.




Who

To capitalize, go above the keypad.






Tips:


- To enter apostrophes in common words (like "I'll"), drag through the **n** as though it was an apostrophe.
- To enter several symbols, other punctuation, or numbers, touch **SYM**.
- To correct a word, double-tap it. Swype shows a small menu of other word options. Swype might also show a menu if it can't guess your word.
- If Swype doesn't know a word, you can still touch the letter keys to enter it. Swype remembers, so next time you can just drag over the letters.

MULTI-TOUCH TEXT ENTRY

Enter text a letter at a time. As you type, your smartphone suggests words from your dictionary and chosen language. Your smartphone also automatically enters apostrophes in some words, like "dont." You can also touch two keys at the same time, such as Shift  with a letter.

TYPING TIPS

To...	
Enter alternate characters	From the number keypad, touch Alternate  . Touch again to return to numbers.
Enter one capital letter	Touch Shift  .
Enter only capital letters, until you touch Shift  again	Touch Shift  twice. Touch again to revert to lowercase.
Select text	Touch and hold text to select it.
Cut or Copy selected text	Touch and hold text, then touch Cut or Copy .
Paste cut or copied text	Touch and hold location to paste then touch Paste .
Move the cursor	Touch the location you want to go to
Delete a character (hold to delete more)	Touch Delete  .

To change your text entry settings and see the dictionary of terms you've used, from the home screen, press Menu  > **Settings** > **Language & keyboard**.

TEXT INPUT SETTINGS










Find it: Menu  > **Settings** > **Language & keyboard**

- To edit your dictionary, touch **User dictionary**.
- To change the language and the style for your touchscreen keypad, touch **Select locale**.
- To change input method and settings, touch **Swype** or **Multi-touch keyboard**.

TIPS & TRICKS

a few handy hints





GENERAL TIPS

- To see your screen in bright sunlight, take off your sunglasses. Your smartphone senses lighting conditions.
- To return to home screen, press Home .
- To see recently dialed numbers, touch  **Phone** > **Recent**.
- To sleep/wake your smartphone, press Power/Lock .
- To set screen timeout, press Menu  > **Settings** > **Display** > **Screen timeout**.
- To search, press Search .
- To voice search, press and hold Search .
- To show the last few apps—as many as eight—press and hold Home .
- To turn sound on/off, press and hold Power/Lock  > **Silent mode**.
- To turn airplane mode on/off, press and hold Power/Lock  > **Airplane mode**.
- To use the FM radio app, you need a wired headset. The wires in your headset act as the antenna. For

best performance, use a Motorola Original headset. Indoor reception may vary.

BATTERY TIPS

Want to extend your battery life? Try these:

- To select a battery profile that suits your smartphone use, press Menu  > **Settings** > **Battery & data manager** > **Battery mode**.
- To turn off automatic applications sync, press Menu  > **Settings** > **Battery & data manager** > **Data delivery**.
- To turn off Bluetooth power, press Menu  > **Settings** > **Wireless & networks** > **Bluetooth**.
- To turn off Wi-Fi, press Menu  > **Settings** > **Wireless & networks** > **Wi-Fi**.

DIGITAL LIVING

connect and enjoy

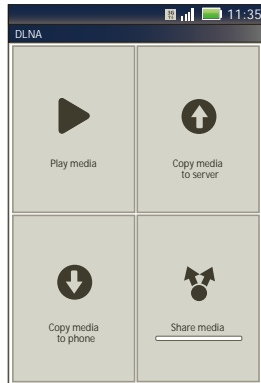
Note: Copyright—do you have the right? Always follow the rules. See “Content Copyright” in your legal and safety information.

SHARE, COPY, & PLAY MEDIA

Share your photos, videos, and songs with friends and family easily.

Find it: Launcher icon  > **DLNA**


Note: Connect to a Wi-Fi network or use your own Wi-Fi hotspot (see “**Wi-Fi**” on page 39). You’ll need to allow access to other devices to download media from your smartphone and to share your files. If you want to access media files on other devices, they must allow access.



- **Play media**—Select media for playback on another device in a Wi-Fi network.
- **Copy media to server**—Sync the media files on your smartphone with other devices.
- **Copy media to phone**—Copy a picture from one smartphone to another.
- **Share media**—Allow other devices to access media files on your smartphone. Without downloading any media from your smartphone, other people can view your pictures or videos, or play your songs, on their own devices.

HD VIEWING

You can create your own HD videos (see “**HD VIDEOS**” on page 24) to view on your wide screen HD TV or monitor.

- 1 Adjust the viewable area on the HDMI screen by pressing Menu  > **Settings** > **HDMI**.
- 2 Connect an HDMI cable (sold separately) from the HDMI port on your smartphone (see “**YOUR SMARTPHONE**” on page 2) to an HDMI port on the TV monitor.

MIRROR MODE

Connect your smartphone to your HD TV, monitor, or projector so you can view and interact with your smartphone on the big screen. Show off your photos, videos, and downloaded movies. Enjoy the big screen for gaming, movies, the web, and more. Just attach an HDMI cable (sold separately) to your smartphone and plug it into your big screen.

Note: You cannot play DRM-protected files in mirror mode.

PHOTOS & VIDEOS

see it, capture it, share it!

PHOTOS

TAKE & SHARE PHOTOS

Take that family photo, and post it online for everyone to see.

Note: To get the clearest photos, wipe the camera lens clean with a soft, dry cloth before you take a photo.

Find it:  Camera



Photo Capture Settings
Adjust for greater creative control.

Go to your picture gallery.

Tag photos with your location.

Zoom in or out.

To take the photo, touch .

Note: Photos are stored on your smartphone's internal memory unless you switch it to a microSD memory card (sold separately). **Picture Resolution** is **Widescreen** or **6MP**, unless you change it. (See "**CAMERA SETTINGS**" on page 23.)

Open your gallery and touch a photo to view options:





- To **set** the photo as a wallpaper, contact photo, or social network photo, touch  > **Set as**.
- To **upload** the photo to an online photo album, touch .
- To **send** the photo in a message or post it online, touch . For more info on sharing your photos, see "**SHARE PHOTOS & VIDEOS**" on page 26.
- To **delete** the photo, touch  > **Delete**.

PHOTO OPTIONS

You can adjust the camera to optimize your shot. Touch the right side of the screen to see these options:


- **Scenes**—Adjust in different environments: **Auto**, **Portrait**, **Landscape**, **Sport**, and more. Touch the screen when finished to return to the viewfinder.
- **Effects**—Change photo look: **Normal**, **Black and White**, **Negative**, and more.
- **Flash**—Set **Flash On**, **Flash Off**, or **Auto Flash**.
- **Switch to**—Toggle between photo and camcorder.

CAMERA SETTINGS

In the viewfinder, press Menu  > **Settings** to adjust these settings:


- **Picture Resolution**—Adjust for optimal resolution.
- **Video Resolution**— Adjust for optimal resolution for recording videos.
- **Exposure**—Increase or decrease the amount of aperture time.
- **Shutter Tone**—Set your camera to make a sound when you take a photo.
- **Storage Location**— Save photos to camera or memory card.
- **Shutter Animation**— Set your viewfinder to look like a camera shutter.
- **Focus Options**— Select whether to focus automatically or continuously.

PICTURE MODES

In the viewfinder, press Menu  > **Picture modes** to change picture mode:

- **Single shot**—Take one shot at a time.
- **Panorama**—Take multiple shots of wide scenes and join them together to make one large image. Use **Capture Direction** to specify how shots will be



joined: **Move up**, **Move right**, **Move left**, **Move down**.

- **Multi-shot**—Take several shots in rapid succession when you touch and hold .


TAGGING PHOTOS

Tag your photos so you can group them in different folders.

To create a tag:

- 1 In the viewfinder, press Menu  > **Tags** > **Active Custom Tags**.
- 2 Enter a tag name under **Edit custom tags**, touch **Done**, then touch **Done** again.
- 3 If necessary, activate the tag you created by touching **Custom Tags**. (An arrow on the right turns green when activated.)
- 4 Press Back  to return to the camera viewfinder.

The tag you created will be applied to any photo you take, until you deactivate the tag.

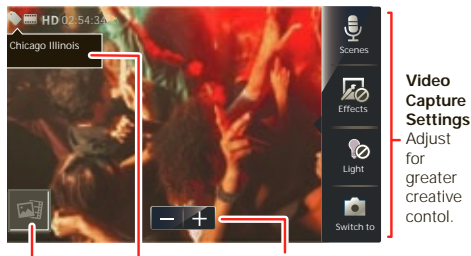
Note: To add a location tag to your photo, press Menu  > **Settings** > **Location & security** and select a location service to turn on.

VIDEOS

RECORD & SHARE VIDEOS

Find it: Launcher icon  >  Camcorder

Note: To get the clearest videos, wipe the camera lens clean with a soft, dry cloth before you record a video.



Go to your gallery.



Tag videos with your location.



Zoom in or out.

Video Capture Settings
Adjust for greater creative control.

To record a video, touch . Touch  to stop the recording.


Open your gallery and touch a video to view options:

- To **play** the video, touch .
- To **upload** the video to an online album, touch .

- To **send** the video in a message or post it online, touch . For more info on sharing your video, see “**SHARE PHOTOS & VIDEOS**” on page 26.
- To **delete** the video, touch  > **Delete**.

HD VIDEOS

You can capture HD-quality videos to watch on an HD TV or monitor.

To record an HD quality video, be sure to select the correct **Video resolution**. From the active camcorder viewfinder, press Menu  > **Settings** > **Video resolution** > **High Definition (720p)**.


To enhance the video quality, touch **Scenes** or **Effects** on the right side of the camcorder viewfinder. (You may need to touch the screen to see these options.)

VIDEO OPTIONS

You can make adjustments to optimize your video. Touch one of the buttons on the right side of the viewfinder to make changes (you may need to touch the screen to make the buttons appear):

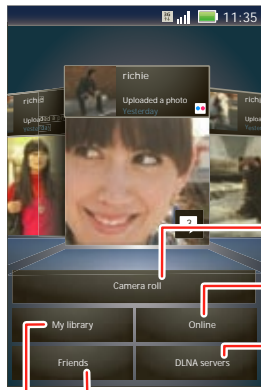
- **Scenes**—Adjust for better audio capture in different environments: **Everyday**, **Outdoors**, **Concert**, **Narrative**, or **Subject**.
- **Effects**—Change video look: **Normal**, **Black and White**, **Negative**, and more.
- **Light**—Turn a light on or off to adjust for the lighting where you are recording.
- **Switch to**—Toggle between camcorder and camera.

CAMCORDER SETTINGS

In the viewfinder, press Menu  > **Settings** to open the camcorder menu and adjust settings like **Video Resolution**, **Shutter Animation**, **Focus Options**, and more.

VIEW PHOTOS & VIDEOS

Find it: Launcher icon  >  Gallery



View your captured photos & videos.

See your online albums (like Picasa, Flickr, or Facebook).


See media from DNLA Connected devices on your Wi-Fi network.

Sort your photos & videos.

Go to your friends' online albums.

SHARE PHOTOS & VIDEOS



Find it: Launcher icon  >  Gallery

- 1 Touch a photo or video, then touch **touch** .
- 2 Choose how you want to share—like **Bluetooth**, **Email**, **Text Messaging**, or an online album.

MANAGE PHOTOS & VIDEOS

Find it: Launcher icon  >  Gallery

Touch a thumbnail image from your camera roll or library, then:

- To delete the photo or video, press Menu  > **Delete**.
- To set the photo as a contact picture, social network profile picture, or wallpaper, press Menu  > **Set as**.

Tip: To copy photos to/from a computer, go to “**USB CONNECTION**” on page 41.

EDIT PHOTOS & VIDEOS

Find it: Launcher icon  >  Gallery > *picture* > Menu  > **Edit**

You can choose advanced editing features to resize, crop, or change the color.


MUSIC

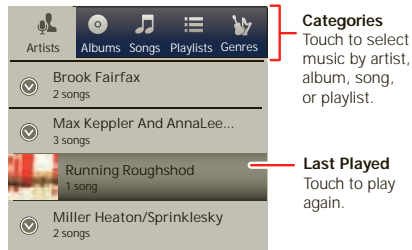
when music is what you need...


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

QUICK START: MUSIC

Find it: Launcher icon  >  Music

Touch a category, then touch the song or playlist you want to play. Press Menu  > **Party shuffle** to randomly play all your songs, or touch **Search** to find a song.



Tip: When a song is playing, you can add it to a playlist by pressing Menu  > **Add to playlist**.

SET UP MUSIC

WHAT MUSIC TRANSFER TOOLS DO I NEED?

To put music on your computer and then load it on your smartphone, you need:

- Microsoft® Windows® computer or Apple® Macintosh™.
- USB data cable (included with your smartphone).

Note: Your smartphone supports optional, removable microSD memory cards (sold separately) up to 32GB capacity. To make sure your memory card is installed, go to “**ASSEMBLE & CHARGE**” on page 3.

Tip: To see the available memory on your memory card, press Menu  > **Settings** > **SD card & Phone storage**.

WHAT AUDIO FILE FORMATS CAN I PLAY?

Your smartphone can play many types of files: AAC, AMR, MP3, WAV, WMA, AAC+, and MIDI.

WHAT HEADPHONES CAN I USE?

Your smartphone has a 3.5mm headset jack for wired stereo listening (required for FM radio). You can also go wireless with Bluetooth® stereo headphones or speakers (see “**BLUETOOTH® WIRELESS**” on page 37).

GET MUSIC

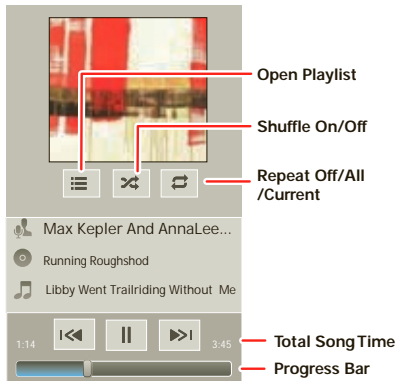
Transfer music from your computer to your smartphone using a USB cable. See “**USB CONNECTION**” on page 41 to learn how.

Or, download your favorite music from V CAST Music.












Find it: Launcher icon  >  V CAST Music

PLAY MUSIC


Touch a song or playlist to start playing music.





Use these music player controls:

- **Play/pause**—Touch .
- **Previous/next**—Touch .
- **Fast forward/rewind**—Touch and hold .
- **View playlist**—Touch .
- **Shuffle**—Touch .
- **Repeat**—Touch .
- **Volume**—Press the side volume keys.
- **View library**—Press Menu  > **Library**.
- **Manage speakers**—Press Menu  > **Audio effects**.
- **Add to playlist**—Press Menu  > **Add to playlist**.
- **Set as ringtone**—Press Menu  > **Use as ringtone**.
- **Delete**—Press Menu  > **Delete**.

HIDE, WAKE, TURN OFF

Press Home  to use another app. Your music continues to play.

When you see  in the status bar, a song is playing. Flick down to see details. Touch the song to return to the music controls.

To turn off your music, touch .

PLAYLISTS

To add a song from the music library to a playlist, touch and hold the song then touch **Add to playlist**. Choose an existing playlist, or touch **New** to create one.


To add a song to the playlist you're playing, press Menu  > **Add to playlist** in the music player.

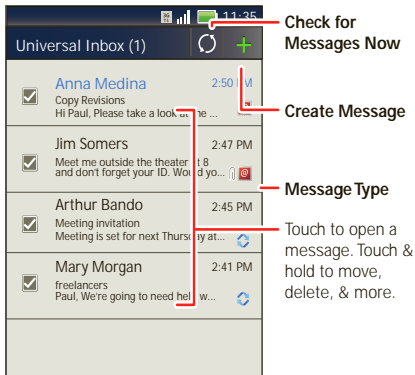
To edit, delete and rename playlists, touch and hold the playlist in the music library.

MESSAGING

sometimes it's best to text, or IM, or email . . .

QUICK START: MESSAGING

Find it: Launcher icon  >  Messaging > Universal Inbox




Tip: To see more messages, flick or drag up.

READ & REPLY TO MESSAGES


Find it: Launcher icon  >  Messaging > Universal Inbox

Note: **Universal Inbox** shows all of your messages together—text, email, and social networking messages. To show only one type of message, touch a message type instead of **Universal Inbox**.


- To open a text message or social networking message and all of its replies, touch it.
- To respond to a message, just open it and enter your response in the text box at the bottom.
To forward a text message, touch and hold a message in the conversation, then touch **Forward message**.
For email, touch  to choose a reply or forward option.
- To open options, touch and hold a message.

CREATE MESSAGES

Find it: Launcher icon  >  Messaging > 

Choose a message type, such as **Text Messaging** or **Facebook**. Then, enter the recipient and message. In text messages and emails, press Menu  for options like **Insert...** or **Attach Files**.

SEND & RECEIVE ATTACHMENTS



To send a file in a message, open a new message and press Menu  > **Insert**.

When you receive a message with an attachment, open the message and touch the file name to download it. Then, touch the name again to open it. Some file formats can be converted to HTML for faster viewing, and your smartphone will show **Get HTML version**.

While viewing the attachment, touch it to save it, share it, and more.

Tip: To send and receive large attachments faster, use a Wi-Fi connection, in “**Wi-Fi**” on page 39.

SET UP MESSAGING



To add email accounts, touch **Launcher icon**  >  **My Accounts** > **Add account**.




- **Corporate Sync** is for Exchange server work email accounts. Enter details from your IT administrator.

Tip: You might need to enter your domain name with your user name (like *domain/username*).

- **Email** is for most personal email accounts. For account details, contact the account provider.

Note: To add other email accounts to your **Messaging** widget and **Universal Inbox**, touch


Launcher icon  >  **Messaging** > Menu  > **Manage accounts** > **Add account** > **Email**.

To change your settings, touch **Launcher icon**  >  **Messaging** > Menu , then touch:

- **Manage accounts** to add or remove an account.
- **Edit Universal Inbox** to choose which accounts show messages in the **Universal Inbox**.
- **Messaging Settings** to set the notification for each account type (along with other preferences, for email).


INSTANT MESSAGES

To send and receive instant messages, you can use Google Talk™.

Find it: **Launcher icon**  >  **Talk**

Tip: You can also download an instant messaging app from the Android Market:

VOICEMAIL

When you have a new voicemail,  appears at the top of your screen. Drag down the status bar and touch the notification.



If you need to change your voicemail number, in the home screen press Menu  > **Settings** > **Call settings** > **Voicemail Settings**.

SOCIAL NETWORKING

my life, your life

YOUR SOCIAL NETWORKING ACCOUNT

Integrate and sync all your contacts, emails, and social networking sites. No opening and closing apps and menus. Just touch the **Social Networking** and **Social Status** widgets on your home screen.

Tip: You can view all of yours and your friends' online albums. Touch **Launcher icon**  >  **Gallery**.

ADD ACCOUNTS

You can add your **Facebook**, **MySpace**, **Twitter**, or other accounts to your social networking account. If you don't have accounts on these sites, visit their Web sites to set them up.

For email accounts, see "**SET UP MESSAGING**" on page 30.

Find it: **Launcher icon**  >  **My Accounts** > **Add account**

Add an account by touching it. Then enter your user name and password for that account.

When you sign into social networking accounts, you'll see your friends and contacts in your **Contacts** list, and

your status and updates can appear in your **Social Networking** widget.

Twitter and MySpace messages will always appear as "read" on your smartphone, but your smartphone notifies you when you receive a new message. MySpace marks your messages as "read" online.

Tip: To download updates faster, use "**WI-FI**" on page 39.

EDIT & DELETE ACCOUNTS

Find it: **Launcher icon**  >  **My Accounts**

Touch and hold an account, then touch **Open account** to edit it, or touch **Remove account** to remove it (along with its contacts and messages).

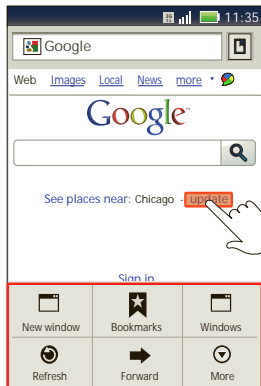
Note: You can't delete the Google™ account you used or created when you set up your smartphone.

WEB

surf the web with your smartphone

QUICK START: BROWSER

Find it:  Browser



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


Touch  for browser options.

Tip: To zoom, touch the display with two fingers, then move them apart.

CONNECT


Your smartphone uses the mobile phone network (over the air) or a Wi-Fi connection to automatically access the Web.

Note: Your service provider may charge to surf the Web or download data.

To use a wireless network, press Menu  > **Settings** > **Wireless & networks**. Touch **Wi-Fi** to turn it on and touch **Wi-Fi settings** to search for nearby wireless networks. Touch a network to connect.

Note: If you can't connect, contact your service provider.

PLAY WEB VIDEOS

The browser features the Adobe® Flash® Player, which adds animation, video, and interactivity to web pages. Touch  to begin video playback. Double-tap the video during playback to enlarge it for better viewing.

BROWSER OPTIONS



Press Menu  to see browser options:

options	
New Window	Open a new browser window.
Bookmarks	See your bookmarks.
Windows	View the browser windows that are currently open.
Refresh	Reload the current page.
Back/Forward	Go to previously viewed pages.
More	View additional browser options.

YOUTUBE™

Share videos with YouTube users everywhere. You don't need a YouTube account to browse and view videos.

Find it: Launcher icon  >  YouTube

Note: If you want a YouTube account, go to www.youtube.com. To create an account or sign in, press Menu  > **My channel**. To **Browse** or **Upload** videos, press Menu .

PERSONALIZE


add your personal touch

WIDGETS



ADD WIDGETS

- 1 Touch and hold the empty spot on your screen.
Tip: You can flick left or right to open other panels on your home screen.
- 2 Touch **Motorola widgets** or **Android widgets** and choose a widget.


SET UP WIDGETS

You can customize some widgets. Touch a widget to open it, then press Menu .

Your home screen may already have these widgets:

- **Messages:** Change the widget name or choose how long it shows new messages. To add email accounts, "**SET UP MESSAGING**" on page 30.
- **Music:** Set this widget to an artist, album, song, playlist, or just press Menu  > **Shuffle all**. There's more about "**MUSIC**" on page 26.
- **News:** Change the widget name, choose how long it shows new stories, or choose a news source. To choose a source, touch , then choose preset

Bundles or **Channels**, or choose **Custom** to enter a URL for a **Webpage** or an **RSS feed**.

- **Weather:** Change temperature units or add locations. To add locations, touch , enter a city, and touch **Search**. When you open the weather widget, flick left to see other locations you added.

SHORTCUTS

To add shortcuts for apps, bookmarks, and more to the home screen, touch and hold an empty spot on the home screen, touch **Shortcuts**, and select a shortcut.

RINGTONES

To personalize your ringtones:

Find it: Menu  > **Settings** > **Sound** > **Phone ringtone** or **Notification ringtone**

To set your vibrate options:

Find it: Menu  > **Settings** > **Sound** > **Vibrate**

To set a song as a ringtone:

Find it: **Launcher icon**  >  **Music** and play the song, then press Menu  > **Use as ringtone**




Note: To choose from thousands more songs, visit verizonwireless.com/ringtones.

WALLPAPER




To apply a new wallpaper:

- 1 Touch and hold an empty spot on your home screen.
- 2 Touch **Wallpapers**.
- 3 Touch **Gallery**, **Live wallpapers**, or **Wallpapers**, and choose a wallpaper.

SOUNDS

- To play dial pad tones, press Menu  > **Settings** > **Sound** > **Audible touch tones**.
- To play sound on a screen selection, press Menu  > **Settings** > **Sound** > **Audible selection**.
- To customize the sound settings for media and videos, press Menu  > **Settings** > **Sound** > **Media audio effects**.

DISPLAY SETTINGS

- To set display brightness, press Menu  > **Settings** > **Display** > **Brightness**.
- To set orientation, press Menu  > **Settings** > **Display** > **Auto-rotate screen**.
- To set animation, press Menu  > **Settings** > **Display** > **Animation**.

Note: Some apps are designed so that your smartphone can “animate” them by rotating, fading, moving, and stretching one or more images.


DATE & TIME

Set date, time, time zone, and formats:

Find it: Menu  > **Settings** > **Date & time**

LANGUAGE & REGION



Set your menu language and region:

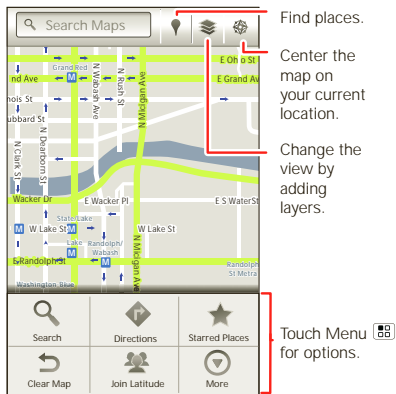
Find it: Menu  > **Settings** > **Language & keyboard**
> **Select locale**

LOCATION

toss away your maps



GOOGLE MAPS™

Find it: Launcher icon  >  **Maps**



Google Maps offers powerful, user-friendly mapping technology and local business information—including business locations, contact information, and driving directions.


For help, press Menu  > **More** > **Help**.

Tip: Want to know what's in your immediate area? Try Google Places™. Touch **Launcher icon**  >  **Places** to see listings for **Restaurants**, **ATMs**, **Gas Stations**, and more based on your current location.

LATITUDE

JOIN LATITUDE

See where your friends and family are on Google Maps™. Plan to meet up, check that your parents got home safely, or just stay in touch.

Don't worry, your location is not shared unless you agree to it. You need to join Latitude, and then invite your friends to view your location or accept their invitations. When using Google Maps, press Menu  > **Latitude**. Read the privacy policy and if you agree with it, touch **Agree & Share**.

ADD & REMOVE FRIENDS

Find it: **Launcher icon**  >  **Maps** > Menu  > **Latitude**

To add friends:

1 Press Menu  > **Add friends**.


Tip: Or touch .

2 Touch **Select from Contacts**, then touch a contact. Or, touch **Add via email address**, then enter an email address.

3 Touch **Yes**.

If your friends already use Google Latitude, they'll receive an email request and a notification. If they have not yet joined Google Latitude, they'll receive an email request that invites them to sign in to Google Latitude with their Google account.

To remove friends:

4 Press Menu  > **Latitude** to show your friend's list, then touch a friend in your list.



5 Touch **X**.

SHARE LOCATION



When you receive a request to share location details you can choose to:

- **Accept and share back**—See your friend's location, and your friend can see yours.
- **Accept, but hide my location**—See your friend's location, but they can't see yours.
- **Don't accept**—Location information is not shared between you and your friend.

HIDE YOUR LOCATION

To hide your location from a friend, press Menu  > **Latitude** to show your friend's list. Touch your contact name, then press Menu  > **Edit privacy settings** > **Hide your location**.


TURN OFF GOOGLE LATITUDE

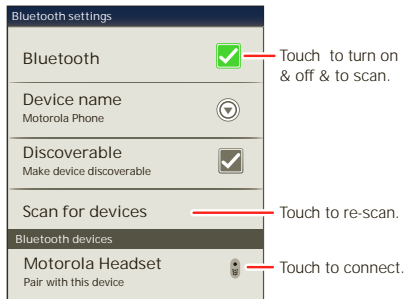
Press Menu  > **Latitude** to show your friend's list. Press Menu  > **Edit privacy settings** > **Turn off Latitude**.

BLUETOOTH® WIRELESS

lose the wires


QUICK START: BLUETOOTH WIRELESS

Find it: Menu  > **Settings** > **Wireless & networks** > **Bluetooth settings**



Note: Your phone's Bluetooth features and Bluetooth Class 1 power levels are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not use the Bluetooth features in France unless you are indoors.

TURN BLUETOOTH POWER ON OR OFF

Find it: Menu  > **Settings** > **Wireless& networks** > **Bluetooth**

Note: To extend battery life, turn Bluetooth power off when not in use.



CONNECT NEW DEVICES

Note: This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, just turn on the device.

- 1 Make sure the device you are pairing with is in discoverable mode.

Note: Refer to the guide that came with the device for details.

- 2 Press Menu  > **Settings** > **Wireless & networks** > **Bluetooth settings**.
- 3 Touch **Bluetooth** to turn on and scan. If Bluetooth power is already on, touch **Scan for devices**.
- 4 Touch a device to connect.
- 5 If necessary, touch **OK**, or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth indicator  appears in the status bar.

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


RECONNECT DEVICES

To automatically reconnect your smartphone with a paired device, simply turn on the device.


To manually reconnect your smartphone with a paired device, touch the device name in the **Bluetooth devices** list.

DISCONNECT DEVICES

To automatically disconnect your smartphone from a paired device, simply turn off the device.

To manually disconnect your smartphone from a paired device, touch the device name in the devices list, then press Menu  > **Disconnect**.


CHANGE DEVICE NAME

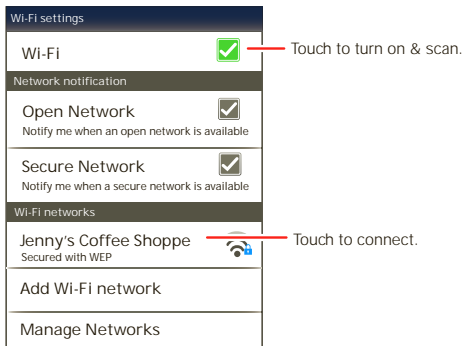
Press Menu  > **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

WI-FI

home, office, or hotspot


QUICK START: WI-FI

Find it: Menu  > **Settings** > **Wireless & networks**
> **Wi-Fi settings**



Note: Your smartphone's Wi-Fi features and power levels are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not use the Wi-Fi features in France unless you are indoors.

TURN WI-FI ON OR OFF


Find it: Menu  > **Settings** > **Wireless & networks**
> **Wi-Fi**

Note: To extend battery life, turn off Wi-Fi power when not in use.

WI-FI SEARCH & CONNECT


To find networks in your range:

1 Press Menu  > **Settings** > **Wireless & networks**
> **Wi-Fi settings**.

2 Touch **Wi-Fi** to turn on and scan. If Wi-Fi is already on, press Menu  > **Scan**. Your smartphone lists the networks it finds within range.

Tip: To see your smartphone's MAC address or other Wi-Fi details, press Menu  > **Advanced**.

3 Touch a network to connect.

4 If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**. When your smartphone is connected to the network, the wireless indicator  appears in the status bar.

Tip: When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.

WI-FI HOTSPOT

Note: You need to subscribe to Wi-Fi hotspot service to use this feature. Contact your service provider.

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

ACTIVATE HOTSPOT

Find it: Launcher icon  >  **Mobile Hotspot** > **Mobile Wi-Fi hotspot**

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**,

SETUP

Note: Risks can be associated with connecting to the public internet. It is highly recommended that you take steps to protect your computer from unauthorized access. To add encryption to your Wi-Fi hotspot:

Find it: Launcher icon  >  **Mobile Hotspot** > **Configure Wi-Fi hotspot**

Touch a setting to modify it:

- **Network SSID**—Enter a unique name for your hotspot and touch **Next**.

- **Security**—Select the type of security you want, and touch **Save**: **WEP**, **WPA**, or **WPA2**. Enter a unique password. Other users can access your Wi-Fi hotspot only if they enter the correct password.

Note: **WEP** is the weakest option because it is highly vulnerable to hacking. **WPA2** is recommended by IEEE.

- **Broadcast Channel**—Select a channel that minimizes potential interference. You may need to try different channels after your hotspot is active for a time.

Touch **Save** when the settings are complete.

MEMORY CARD & FILE MANAGEMENT

copy photos, music, and more

MEMORY CARD

Note: Your music, photos, and other files are automatically stored on your smartphone's internal memory. You can purchase a memory card separately (if it is not already inserted in your smartphone).

DELETE OR SHARE FILES ON YOUR SMARTPHONE

Find it: Launcher icon  >  Files > Internal phone storage or SD card

Touch a file or folder to open, then touch and hold a file to **Delete** or **Share**.

REMOVE OR FORMAT YOUR MEMORY CARD

Note: Do not remove your memory card while your smartphone is using it or writing files on it.

Before you remove or format your memory card you need to unmount it. Press Menu  > **Settings** > **SD card & storage** > **Unmount SD card**.

To format your memory card, touch **Format SD card**.

Warning: All data on your memory card will be deleted.

USB CONNECTION

You can connect your smartphone to a computer with a USB cable.

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.

1 With your smartphone showing the home screen, connect a Motorola micro USB data cable from your smartphone's micro USB port to a USB port on your computer. Your smartphone should show  in the status bar.

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

2 Drag and drop files between your computer and smartphone folders. When you're done, use "Safely Remove Hardware" before disconnecting the USB cable.

Note: If you're using a memory card, you can't use the files on your memory card with your smartphone while it is connected to the computer.

TOOLS


stay on top of things

ALARM CLOCK

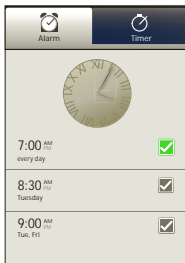
Find it: Launcher icon  >  **Alarm & Timer**

To turn on an alarm, touch the check box.

When an alarm sounds, select **Dismiss** to turn it off or touch the screen to snooze for five minutes.



To add an alarm, press Menu  > **Add alarm**, then enter alarm details.

To enable or disable an alarm, touch the check box.




CALCULATOR

Find it: Launcher icon  >  **Calculator**

Your calculator has basic and advanced views. To change views, press Menu  > **Advanced panel/Basic panel**. To clear history, press Menu  > **Clear history**.

CALENDAR


Find it: Launcher icon  >  **Calendar**

Touch  to view your calendar events can by **Agenda**, **Day**, or **Week**. When you highlight an event, more details appear.

Tip: Add a calendar widget to your home screen by touching and holding an empty space. Then touch **Motorola widgets** > **Calendar**.



ADD CALENDAR EVENTS

From any view, press Menu  **More** > **New event**. Enter the event start time and other details. You can even set a reminder so you don't forget about the event. When you finish entering event details, touch **Save**.

MANAGE CALENDAR EVENTS

To edit an event, touch and hold it, then touch **Edit event**. When you're done, touch **Save**.

To delete an event, touch and hold it, then touch **Delete event**.

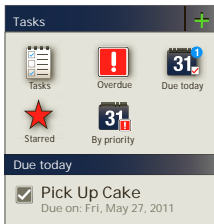
To go to today, press Menu  > **Today**.

TASKS

Find it: Launcher icon  >  Tasks

To add a task, touch .

Touch an icon to view your tasks by due date, priority, and more.



ESSENTIAL ACCESSORIES

CAR MOUNT PHONE HOLDER*

- Automatically triggers your favorite driver focused phone applications like music, Google Navigation™, or your favorite Android apps.
- Drive smarter by taking your calls hands-free.



HDMI MULTIMEDIA STATION*

- Instantly turns phone into a multimedia experience, and doubles as a charger when used with included power supply.
- Brilliantly displays your captured photos and movies, plays music with album art, displays weather and time, and can be used as an alarm clock—all when you dock your phone.



HDMI CABLE*

Connect your phone directly to a compatible HDTV to experience captured pictures and video.



* Optional accessories available for purchase at Verizon Wireless locations.


MANAGEMENT

stay in control


WIRELESS MANAGER

Find it: Menu  > **Settings** > **Wireless & networks**

Manage all your wireless connections: Wi-Fi™, Bluetooth®, airplane mode, & mobile networks (“**NETWORK**” on page 44).

Tip: To toggle on/off any of your wireless features, press and hold Power/Lock  > **Airplane mode**.


AIRPLANE MODE

Use airplane mode to turn all your wireless connections off—useful when flying. Press and hold Power/Lock  > **Airplane mode**.

Note: When you select airplane mode, all wireless services are disabled. You can then turn Wi-Fi and/or Bluetooth back on, if permitted by your airline. Other wireless voice and data services (such as calls and text messages) remain off in airplane mode. Emergency calls to your region’s emergency number (e.g., 911) can still be made.

NETWORK

You should not need to change any network settings. Contact your service provider for help.

Press Menu  > **Settings** > **Wireless & networks** > **Mobile networks** to show options for roaming networks, network selection, operator selection, and access point names.

SECURITY


help keep your smartphone safe

QUICK START: SECURITY

Find it: Menu  > **Settings** > **Location & security**




SCREEN LOCK

To prevent accidental touches, you can make the screen lock when it goes to sleep. Press Menu  > **Settings** > **Location & security** > **Change screen lock**, then select the lock type:

- **Pattern lock**—draw a pattern to unlock.
- **PIN**—enter a numeric PIN to unlock.
- **Password lock**—enter a password to unlock.

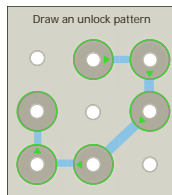
Note: You can make emergency calls on a locked smartphone (see “**EMERGENCY CALLS**” on page 14). A locked smartphone still rings, **but you need to unlock it to answer.**

LOCK PATTERN

To set the lock pattern, press Menu  > **Settings** > **Location & security** > **Change screen lock** > **Pattern lock**.

Follow the instructions to draw your lock pattern.

When prompted, draw the pattern to unlock the smartphone.




PIN LOCK

To set a PIN, press Menu  > **Settings** > **Location & security** > **Change screen lock** > **PIN**.

Enter a numeric PIN, then confirm it.

When prompted, enter the PIN to unlock the smartphone.


PASSWORD LOCK

To set the password, press Menu  > **Settings** > **Location & security** > **Change screen lock** > **Set password**.

Enter a password (up to eight characters), then confirm it.

When prompted, enter the password to unlock the smartphone.

PERSONALIZE YOUR LOCK SCREEN



To change your timeout, press Menu  > **Settings** > **Location & security** > **Security lock timer**. If you don't touch the screen or press any keys for the amount of time you select, the screen locks automatically.

LOCK & UNLOCK

To lock the screen/smartphone:

- Press Power/Lock .

- Let the screen time out (don't press anything).
- Switch off the power.

To unlock the screen/smartphone, press Power/Lock , or press Home . Or switch on the smartphone to display the lock screen.

FORGOT YOUR PATTERN OR PASSCODE?

If you forget your pattern or passcode, contact your service provider.


TROUBLESHOOTING

we're here to help

CRASH RECOVERY

In the unlikely event that your smartphone stops responding to touches and key presses, try a quick reset. Remove the back cover and battery (“**ASSEMBLE & CHARGE**” on page 3), then replace and switch your smartphone on as usual.

RESET

To reset your smartphone to factory settings and erase all the data on your smartphone, press Menu 
> **Settings** > **Privacy** > **Factory data reset** > **Reset phone**.

Warning: All data on your smartphone will be deleted. (Nothing on your memory card is deleted.)

SERVICE & REPAIRS

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

Battery Use & Safety

Important: Handle and store batteries properly to avoid injury or damage. Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the mobile device or battery come in contact with water.*** Water can get into the mobile device's circuits, leading to corrosion. If the mobile device and/or battery get wet, have them checked by your service provider or contact Motorola, even if they appear to be working properly.*
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your mobile device or battery near a heat source.*** Excessive heat can damage the mobile device or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
- **Don't dry a wet or damp battery with an appliance or heat source,** such as a hair dryer or microwave oven.

DOs

- **Do avoid leaving your mobile device in your car in high temperatures.***
- **Do avoid dropping the battery or mobile device.*** Dropping these items, especially on a hard surface, can potentially cause damage.*
- **Do contact your service provider or Motorola if your mobile device or battery has been damaged from dropping or high temperatures.**

* **Note:** Always make sure that the battery compartment is closed and secure to avoid direct exposure of the battery to any of these conditions.

Important: Use Motorola Original products for quality assurance and safeguards.

To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and try charging it again;
- If the message remains, contact a Motorola authorized service center.

Important: Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

- www.motorola.com/recycling
- www.rbric.org/call2recycle/ (in English only)

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.

Warning: Never dispose of batteries in a fire because they may explode.



Battery Charging

Notes for charging your product's battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Driving Precautions

Responsible and safe driving is your primary responsibility when behind the wheel of a vehicle. Using a mobile device or accessory for a call or other application while driving may cause distraction. Using a mobile device or accessory may be prohibited or restricted in certain areas, always obey the laws and regulations on the use of these products.

While driving, NEVER:

- Type or read texts.
- Enter or review written data.
- Surf the web.
- Input navigation information.
- Perform any other functions that divert your attention from driving.

While driving, ALWAYS:

- Keep your eyes on the road.
- Use a handsfree device if available or required by law in your area.
- Enter destination information into a navigation device **before** driving.
- Use voice activated features (such as voice dial) and speaking features (such as audible directions), if available.
- Obey all local laws and regulations for the use of mobile devices and accessories in the vehicle.
- End your call or other task if you cannot concentrate on driving.

Remember to follow the “Smart Practices While Driving” in this guide and at www.motorola.com/callsmart (in English only).

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing videos or games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing videos or games or enabling a flashing-lights feature (if available) on your mobile device. Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are tired.

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 volume sound level, 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.

For more information about hearing, see our Web site at direct.motorola.com/hellomoto/nss/AcousticSafety.asp (in English only).



Repetitive Motion

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

[Nov0109]

Small 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.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Operational Warnings

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







Potentially Explosive Atmospheres

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

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

Your battery, charger, or mobile device may contain symbols, defined as follows:

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

Radio Frequency (RF) Energy

Exposure to RF Energy

Your mobile device contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile device, the system handling your call controls the power level at which your mobile device transmits. Your mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

RF Energy Operational Precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions:

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.
- Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: www.motorola.com.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances, your mobile device may cause interference with other devices.

Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so. In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

Specific Absorption Rate (IEEE)

Your model wireless phone meets the governmental requirements for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed and manufactured to not exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed for the safety of all persons, regardless of age or health, and to account for any variations in measurements.

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The IEEE SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 watts per kilogram (W/kg), averaged over one gram of tissue. Tests for SAR are conducted using procedures accepted by the FCC and by Industry Canada with the mobile device transmitting at its highest certified power level in all tested frequencies. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a mobile device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions

and locations (e.g., at the ear and worn on the body) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 0.74 W/kg, and when worn on the body, as described in this guide, is 1.5 W/kg. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

While there may be differences between the SAR levels of various mobile devices and at various positions, they meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on SAR can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

<http://www.phonefacts.net>

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

<http://www.cwta.ca>

Information from the World Health Organization

"Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body."

Source: WHO Fact Sheet 193

Further information: <http://www.who.int/peh-emf>

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC ID:xxxxxx on the product label.

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.

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(3).

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. 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.

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5. This Class B digital apparatus complies with Canadian ICES-003.

GPS & AGPS

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

Emergency Calls

When you make an emergency call, the cellular network may activate the AGPS technology 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.

Performance Tips

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices.

Navigation

When using 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.

Smart Practices While Driving

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these

devices may be prohibited or restricted in certain areas—for example, handsfree use only may be required. Go to www.motorola.com/callsmart (in English only) for more information.

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial, redial and voice dial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number (wherever wireless phone service is available), as you would want others to do for you.

- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

Privacy & Data Security

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

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure Personal Information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.
Note: For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support
- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). 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**—Install third party applications from trusted sources only. Applications can have access to private information such as call data, location details and network resources.
- **Location-based information**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties,

including your wireless service provider, applications providers, Motorola, and other third parties providing services.

- **Other information your device may transmit**—Your 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 regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

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. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the mobile device.



extreme heat or cold

Avoid temperatures below 0°C/32°F or above 45°C/113°F.



microwaves

Don't try to dry your mobile device in a microwave oven.



dust and dirt

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



cleaning solutions

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



shock and vibration

Don't drop your mobile device.



protection

To help protect your mobile device, always make sure that the battery compartment and any connector covers are closed and secure.

Recycling

Mobile Devices & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste, or in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority.

Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: 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.

California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

Perchlorate Material – special handling may apply when the battery is recycled or disposed of. See www.dtsc.ca.gov/hazardouswaste/perchlorate
There is no special handling required by consumers.

Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipment battery model.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Contact your service provider or Motorola for information on hearing aid compatibility. If you have questions about return or exchange policies, contact your service provider or phone retailer.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for

your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

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MOTOROLA MOBILITY, INC.

OSS Management

600 North US Hwy 45

Libertyville, IL 60048

USA

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Online Product Registration:

www.motorola.com/us/productregistration

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Thank you for choosing a Motorola product.

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Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

Exclusions (Products and Accessories)

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

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Software

Products Covered	Length of Coverage
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Exclusions (Software)

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

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USA	1-800-734-5870
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1-888-390-6456 (TTY/TDD United States for hearing impaired - all products)

1-800-461-4575 (Canada - all products)

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Product ID: Motorola DROID X2 (MB870)

Manual Number: 68014794001-A

