

MOTOROLA **FIRE**<sup>TM</sup>

**XT311/XT316**

**LIFE.**  **POWERED.**



# Congratulations

Your MOTOROLA **FIRE™** phone is loaded with features, including videos, music, web, powerful business tools, and more—all in a stylish phone.

- **Mobile video:** Record and watch videos, download or stream videos to watch on your phone.
- **Photos:** Take and share great photos with a high performance camera.

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

**Caution:** Before assembling, charging, or using your phone for the first time, please read the important legal and safety information at the back of this guide.

## want More?

- **Support:** Online help and more at [www.motorola.com/support](http://www.motorola.com/support).
- **Accessories:** Find accessories for your phone at [www.motorola.com/products](http://www.motorola.com/products).

# Your phone

*the important keys & connectors*



**Note:** Your phone might look a little different.

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# Let's go

*let's get you up and running*

## Assemble & charge

1 Cover off



2 SIM in



3 microSD in (may already be inserted)



4 Battery in



5 Cover on




6 Charge up




**Caution:** Please read “**Battery Use & Safety**” on page 31.

**Tip:** To save battery life, see “**Battery tips**” on page 28.


## Turn it on & off

To turn on your phone, press Power/Lock key  (on the top right).


To turn off your phone, press and hold Power/Lock key , then touch **Power off**.

**Note:** This phone 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.


## Unlock

To unlock your phone, drag  to the right.

## Sounds off & on

To turn phone sounds off, drag  to the left.

## Wi-Fi connect

You can use a Wi-Fi connection for even faster Internet access. Touch Menu  > **Settings** > **Wireless & networks** > **Wi-Fi settings**. Touch **Wi-Fi** to turn it on



and search for nearby wireless networks. Touch a network to connect. There's more in "**Wi-Fi Networks**" on page 25.

## Touchscreen & keys

### Touchscreen on/off

*a few essentials*

Your touchscreen is on when you need it and off when you don't.

- To make your touchscreen sleep or wake up, just press Power/Lock key .
- When you hold the phone to your ear during calls, your touchscreen sleeps to prevent accidental touches.
- To let the touchscreen adjust brightness automatically, touch Menu  > **Settings** > **Display** > **Brightness** and check **Automatic brightness**.

### Touch tips



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

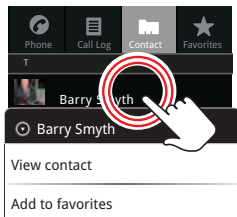
#### Touch

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





## Touch & hold

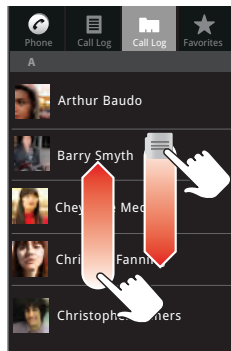
To open special options, *touch and hold* an icon or other item. Try it: In the home screen, touch  >  **Contacts**, then touch and hold a contact to open options.



## 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.

**Tip:** When you drag or flick a list, a *scroll bar* appears on the right. Drag the scroll bar to move the list to a letter A - Z.



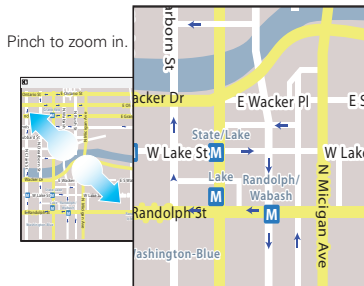
## Flick

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.

## Pinch-to-zoom

Get a closer look at maps, web pages, or photos. To zoom in, *touch* the screen with two fingers and then slide them apart. To zoom out, *drag* your fingers together.



## Key tips

### Menu, home, back & search

#### Menu Key

Touch to open menu options.



#### Home Key

#### Search Key



Touch for text search.

#### Back Key






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

Touch Search  for text search.


Touch Menu  to open menu options, or touch Back  to go back.

## Sleep & wake up

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

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

## Power key menu

Press and hold Power/Lock key  to open the power key menu, where you can turn off the phone (**Power off**), or turn **Silent mode** or **Flight mode** on or off.


## Adjust volume

Press the volume keys to change the ringer volume (in the home screen), or the earpiece volume (during a call).



## Rotate the screen

The touchscreen can spin to stay right-side up when you rotate your phone:


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

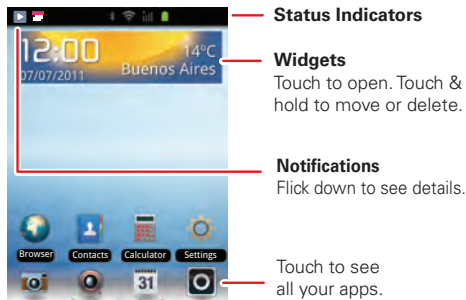


# Home screen & apps

*a few essentials*

## 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 phone or touch Home  from a menu. It's basically like this:



**Status Indicators**

**Widgets**

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

**Notifications**

Click down to see details.


Touch to see all your apps.


Use the widgets, shortcuts, and panels to show what's important to you—whether it's home, work or play.

## 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.


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

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

**Tip:** When you open a widget, touch Menu  to show any options or settings.

- To **add** something or change your **wallpaper**, touch and hold an empty spot until you see the **Add to Home screen** menu.

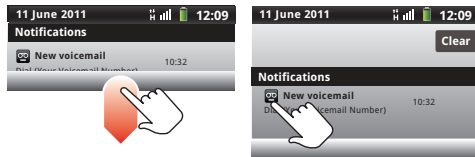
You can add a folder to organize your shortcuts.

- 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 bottom of the screen.

## Phone status & notifications

At the top of the screen, icons on the left notify you about new messages or events (notifications). Icons

on the right tell you about phone status. Flick the bar down to show notification details.



	voicemail message		USB connection
	Bluetooth™ active		Bluetooth connected
	Wi-Fi™ active		flight mode
	vibrate mode		silent mode
	mute call		speakerphone active
	firewall active		alarm set
	battery (full charge)		battery (charging)

## Apps

The app menu shows you all of your applications. To open it from the home screen, touch



Flick up and down to see all of your apps. Any new apps that you download are added to the app menu.

To close the app menu, touch Home or Back .

## Running multiple apps

No need to close an app before opening another one. Your phone runs multiple apps, all at once.


You can open a new app while running another. Touch Home to return to the home screen, touch to open the main menu, then touch the app you want. To switch from one running app to another, touch and hold Home to see what apps are already open, then touch the one you want.

## download apps

To **download** new apps from Android Market™, touch > **Market**. Touch Search to find an app, or touch **Downloads** to show or reinstall the apps you downloaded. To download apps from websites, you need to change your security settings: Touch

Menu  > **Settings** > **Applications** > **Unknown sources**.

**Warning:** Apps downloaded from the web can be from unknown sources. To protect your phone and personal data, only download apps from sources you trust.

To **move** or **uninstall** your apps, touch Menu  > **Settings** > **Applications** > **Manage applications**. Touch an app in the list to show details and options.


On your computer, you can browse and manage apps for all your devices powered by Android™ at [market.android.com](http://market.android.com).

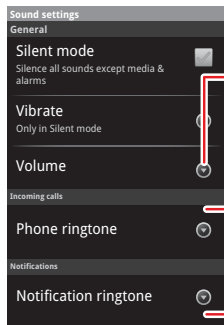
## Personalize

*add your personal touch*

Customize your phone's sounds and appearance to make it unique to you!

## Quick start: Personalize

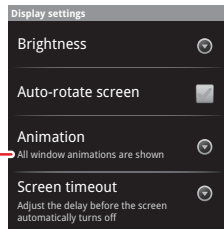
From the home screen, touch Menu  > **Settings** > **Sound** or **Display**.











Choose separate volume settings for incoming calls, media, alarms, and notifications.

**Call & Message Notifications**


Turn on or off menu animations.



- To choose a **ringtone** or **vibration** for calls and messages, touch Menu  > **Settings** > **Sound**, then choose **Phone ringtone**, **Notification ringtone**, or **Vibrate**.
- To change the **volume**, touch Menu  > **Settings** > **Sound** > **Volume**.
- To turn **dialpad** sounds on or off, touch Menu  > **Settings** > **Sound** > **Audible touch tones**.
- To turn menu **selection** sounds on or off, touch Menu  > **Settings** > **Sound** > **Audible selection**.
- To change your **wallpaper**, touch and hold an empty spot on the home screen, then touch **Wallpapers**.
- To change **shortcuts** and **widgets** on your home screen, touch and hold them. For details, see “**Home screen & apps**” on page 7.
- To set display **brightness**, touch Menu  > **Settings** > **Display** > **Brightness**.
- To control whether some apps **rotate** the screen when you rotate your phone, touch Menu  > **Settings** > **Display** > **Auto-rotate screen**.
- To turn on or off **animations** that make your menus look smoother, touch Menu  > **Settings** > **Display** > **Animation**.
- To calibrate the **sensors** used by some games or navigation apps, touch Menu  > **Settings** >

**Display** > **G-Sensor Calibration** (movement) or **E-Compass Calibration** (direction).



## Language & region

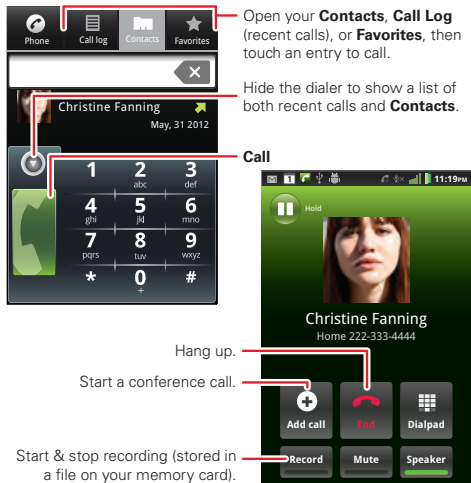
To set your menu language and region, touch Menu  > **Settings** > **Language & keyboard** > **Select language**

# Calls

*it's good to talk*



## Quick start: Calls







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





**Note:** Recording of calls is subject to varying State and Federal laws regarding privacy and recording of conversations. Always obey the laws and regulations on the use of this feature.

- To **make** a call, touch  >  **Phone**, enter a number, then touch .

When dialing, touch Menu  to add a **pause** (pauses two seconds), or **wait** (waits for your confirmation). To enter the **international** dialing code, touch and hold .

- To **answer** a call, drag  to the right.
- During** a call, touch Menu  to switch to a Bluetooth headset. Touch Home  or Back  to hide the active call display (to reopen it, touch  >  **Phone**).


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

- To **end** a call, touch .
- To **ignore** a call, drag  to the left.

**Tip:** Touch  >  **Phone** > **Favorites**, then touch Menu  to edit your **Favorites**.

## Recent calls


To show recent calls, touch  >  **Phone** > **Call log**

- Touch and hold an entry to call it, send a text message, view call details or add the number to your contacts.
- Touch Menu  > **Clear call log** to clear the list.


## Conference calls

To start a conference call, call the first number. After they answer, touch **Add call** and call the next number. When the next number answers, touch **Merge calls**.


## Your phone number


To show your phone number, touch Menu  > **Settings** > **About phone** > **Status** > **My phone number**

## Your caller ID


To hide your number from the people you call, touch Menu  > **Settings** > **Call settings** > **Additional settings** > **Caller ID**.

## Call forwarding & waiting

To forward calls, touch Menu  > **Settings** > **Call settings** > **Call forwarding**. You can forward calls all the time, or only when your phone is busy, unanswered, or unreachable (not on the network)

To turn on call waiting, touch Menu  > **Settings** > **Call settings** > **Additional settings** > **Call waiting**. Call waiting lets you answer new calls when you're already on a call. If call waiting is off, new calls go straight to your voicemail.

## Restricted calls

To restrict your phone so that it can only dial a few numbers, touch Menu  > **Settings** > **Call settings** > **Fixed Dialing Numbers**.



- To turn fixed dialing on, touch **Enable FDN**.
- To add or delete the allowed numbers, touch **FDN list**.

## Cool down

In very limited circumstances, such as where your phone has been exposed to extreme heat, you may see “Cool Down” messages. 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.

## Emergency calls

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

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



**Note:** Your mobile device can use AGPS satellite signals to help emergency services find you ("Location Services (GPS & AGPS)" on page 35).

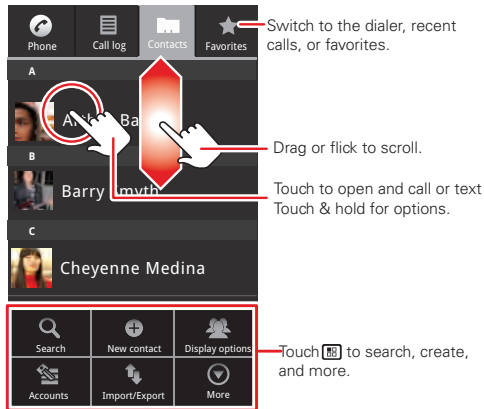
## Contacts









*contacts like you've never had before*

Keep each friend's email, phone number, and even address all in your **Contacts** for quick access.

### Quick start: Contacts



From the home screen, touch  >  **Contacts**.



- To **create** a contact, touch  >  **Contacts** > Menu  > **New contact**, choose where you want to store the contact, then enter details (to close the display keyboard, touch Back ).
- To **open** a contact's details, touch  >  **Contacts**, then touch the contact.
- To **edit** or **text** a contact, touch  >  **Contacts**, then touch and hold the contact.

If you need to import or export contacts on your SIM or memory card, touch  >  **Contacts**, then touch Menu  > **Import/Export**.

## Favorites

For quick access to a favorite contact, open the contact, then touch the star next to their name. To show your favorites, touch  >  **Phone** and touch **Favorites** at the top.

To add a shortcut to your favorites, touch and hold a blank spot on your home screen, then touch **Folders** > **Starred contacts**. You can also add a shortcut for an individual contact: Touch and hold a blank spot on your home screen, then choose **Shortcuts** > **Contacts**.

## SIM and Memory Card Contacts

When you create a new contact you can choose to store it in your Google™ account, phone memory, or your SIM card.




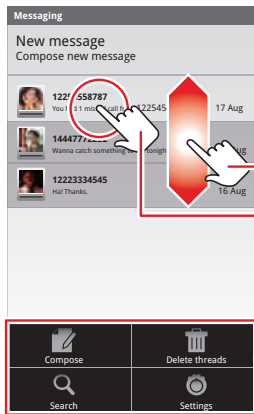
# Messaging

*sometimes it's best to text or email...*

Send and receive text with photos or other attachments, in quick text messages or full emails.


## Quick start: Text Messaging

From the home screen, touch  >  **Messaging**.






Drag or flick to scroll.


Touch to open. Touch & hold to open options.



Touch  to change settings and more.

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




- To **create** a text message, touch  >  **Messaging** > **New message**. For options, touch Menu .

- To **open** text messages, touch  >  **Messaging**, then touch the sender's name.

When you see  in the status bar at the top of your screen, flick down the status bar and touch the new message to open it.

- To **respond** to a text message, just open it and enter your response in the text box at the bottom.
- To **forward**, **copy**, and more, touch  >  **Messaging**, touch the sender's name, then touch and hold the message.


## attachments






To send a file in a text message, touch  >  **Messaging** > **New message**, then touch Menu  > **Attach**.

When you open a message with an attachment, touch **Download** to download it. Touch the downloaded attachment to open it, then touch it again to save it, share it, and more.


**Tip:** To send and receive large attachments faster, use "**Wi-Fi Networks**" on page 25.





## Email


- To **set up Gmail** or **Corporate** Microsoft™ Exchange server accounts, touch Menu  > **Settings** > **Accounts & sync** > **Add account**. For details, contact the account provider.

To set up a standard email account, touch  >  **Email** and follow the wizard. To add more standard accounts, open  **Email** and touch Menu  > **Accounts** > Menu  > **Add account**. For details, contact the account provider.

- To **open** email, touch  >  **Email** or  **Gmail**. Touch a message to open it.




**Tip:** Touch Menu  for options like **Refresh** or **Search**.

- To **create** an email, touch  >  **Email** or  **Gmail**, then touch Menu  > **Compose**.

**Tip:** Touch Menu  for options like **Attach** or **Add Cc/Bcc**.

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





## Voicemail

When you have a new voicemail,  shows in the status bar at the top of your screen. To hear voicemails, touch  >  then touch and hold **1**.


# Text entry


keys when you need them

## Typing tips

To...	
Enter <b>alternate</b> characters	From the number keyboard, touch Alternate  . Touch again to return to symbols/numbers.
Enter <b>one capital</b> letter	Touch Shift  .
Enter <b>only capital</b> letters, until you touch Shift 	Touch Shift  twice. Touch again to revert to lowercase.
<b>Cut</b> or <b>copy</b> selected text	Touch and hold text to select, then touch and hold to <b>Cut</b> or <b>Copy</b> .
<b>Paste</b> cut or copied text	Touch and hold location to paste then touch <b>Paste</b> .

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, touch 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 keyboard, touch **Select language**.
- To change the device keypad settings, touch **Built-in keyboard**.

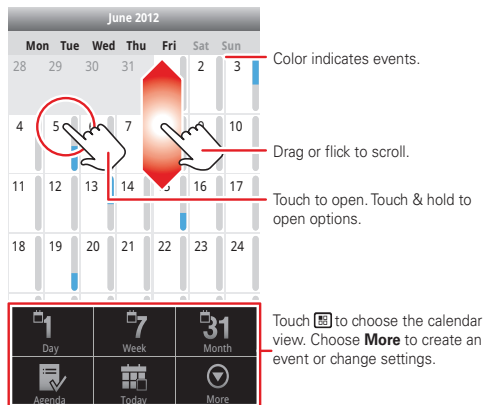
# Schedule








*helping you stay in control*

Your **Calendar** events can synchronize with your Google™ account, and the **Clock** can wake you up!




## Quick start: Schedule



From the home screen, touch  >  **Calendar**.



- To **create** an event, touch  >  **Calendar** > Menu  > **More** > **New event**, then enter details (to close the display keyboard, touch Back ).
- To **edit** or **delete** an event, touch  >  **Calendar**, touch the event to open it, then touch Menu  > **Edit event** or **Delete event**.


## Alarm clock

To set an alarm (like to wake up), touch  >  **Clock**, then touch the  alarm.

- To turn an alarm **on** or **off**, touch  next to it.
- To **add** an alarm, touch **Add alarm**, then enter alarm details.
- To **change** an alarm, touch the time.
- To set a **snooze** period, in the **Alarm Clock** list touch Menu  > **Settings** > **Snooze duration**.


When an alarm sounds, touch **Dismiss** to turn it off or **Snooze** to delay it. To cancel a snoozed alarm, drag down the status bar and touch the alarm name.

## Date & time



To set the date, time, time zone, and formats, touch Menu  > **Settings** > **Date & time**.

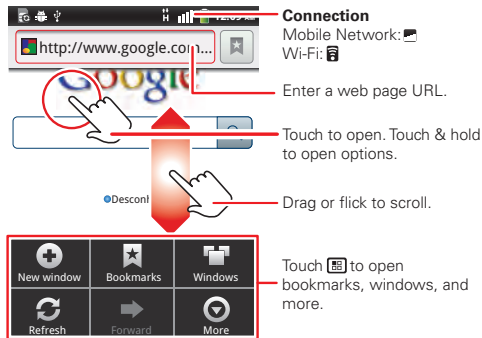
# Web

*surf the web with your phone*


Open **Browser** or just touch Search  to find a page, then bookmark it, send it, or just explore.

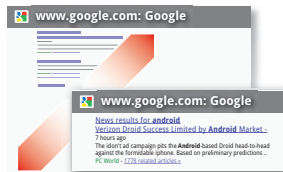
## Quick start: Browser

From the home screen, touch  >  **Browser**



- To enter a **web address** in the browser or your home screen, just touch Search .

- To **zoom** in or out, pinch two fingers together or apart.
- To **send** the website address in a message, touch Menu  > **More** > **Share** page.






**Note:** Your phone automatically uses your mobile phone network to connect to the web. Your service provider may charge to surf the web or download data. If you can't connect, contact your service provider.

**Tip:** You can connect to the web with **"Wi-Fi Networks"** on page 25.

## Downloads



To download files in your browser, touch a file link or touch and hold a picture to choose **Save image**.

To show the files you downloaded, touch  >  **Browser** >  > **More** > **Downloads**. Touch and hold an item to open it, see details, or remove it from the list.

# Location


where you are, and where you're going


## Quick Start: Location

From the home screen, touch  >  **Maps**




Drag or flick to scroll.




Touch to open, then touch  to add to **Starred Places**.

Touch  to open a menu where you can get directions, open your starred places, windows, and more.

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

- To find an address, touch Menu  > **Search**, and enter it in the search bar at the top. The map moves to show the address.

**Tip:** You can touch and hold a spot on the map to show the nearest address.

- To find stores, restaurants, and other places near you, touch Menu  > **My Location** to see details.
- To get directions, find an address on the map, touch it, then touch Menu  > **Directions**.
- For help, touch Menu  > **More** > **Help**.

## Google Maps Navigation™

Google Maps Navigation is an Internet-connected GPS navigation system with voice guidance.









To open navigation, touch  >  **Navigation**. Follow the prompts to speak or type your destination.

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

## Latitude

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

Touch  >  **Maps** and then:

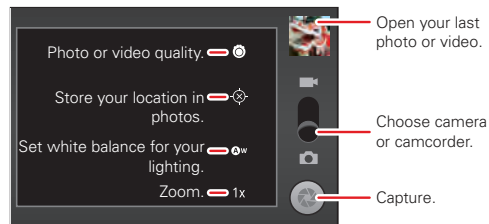
- To **join** Latitude, touch Menu  > **Join Latitude**. Read the privacy policy and, if you agree with it, choose to continue.
- To **add friends** touch Menu  > **Latitude** > Menu  > **Add friends**.  
Touch **Select from Contacts** or **Add via email address**, then touch a contact and **Add friends**. Your friend will receive an email notice.
- To **remove friends** touch Menu  > **Latitude** to show your friends list. Touch a name, then touch **Remove this friend**.
- To **share your location** when you receive a request, you can choose **Accept and share back** (show your location and see theirs), **Accept, but hide my location** (hide your location, but see theirs), or **Don't accept** (hide both locations).
- To **hide your location** touch Menu  > **Latitude** to show your friends list. Touch your contact name, then touch Menu  > **Settings** > **Do not detect your location**.
- To **sign out of** Latitude, touch Menu  > **Latitude** to show your friends list. Touch Menu  > **Settings** > **Sign out of Latitude**.

## Photos & videos

*see it, capture it, share it!*

### Quick Start: Photos & Videos



Press the **Camera Key** on the right side of the phone to open the camera.



**Tip:** For the clearest photos and videos, clean the lens with a soft, dry cloth.


- To take a **photo**, open the camera, then press the **Camera Key**.
- To record a **video**, open the camera, then touch the camcorder icon to switch to the camcorder. Press the **Camera Key** to start and stop recording.

## View & Share Photos & videos

From the home screen, touch  >  **My Gallery**.

Flick left and right to show folders. Touch a folder to show its photos or videos, then touch a thumbnail image to open, share, or delete it.

**Tip:** From the viewfinder, you can touch the thumbnail in the top right to open your last photo or video.



- To **zoom** in, touch the screen with two fingers and then drag them apart. To zoom out, drag your fingers together.
- To **send** or **post** the photo or video, touch **Menu** > **Share**.
- To **delete** the photo or video, touch **Menu** > **Delete**.
- To **set** a photo as your wallpaper or a contact photo, touch **More** > **Set as**.
- To **crop** or **rotate** a photo, touch **More**.
- To **play** a video, touch .












**Tip:** Turn the phone sideways for a widescreen view.

## YouTube™

The YouTube user-generated content website lets you share videos with YouTube users everywhere. You don't need a YouTube account to browse and view videos.

From the home screen, touch  >  **YouTube**.

- To **watch** videos, touch a video clip or touch Search  to find a video. Touch a video to watch it. For more video categories, touch Menu  > **Browser**.  
To watch a video in high quality, touch Menu  > **Settings** > **High quality on mobile**.
- To **share** a video, touch it to open it, touch **More** at the top, choose **Share**, then choose how you want to share it.
- To **upload** a video from your phone to your YouTube account, touch  >  **YouTube** > Menu  > **Upload**. Touch the video, then touch **Upload**.

To sign into your YouTube account, touch  >  **YouTube** > Menu  > **My account**.

**Note:** If you don't have an account, touch the link to create one. For more, visit [www.youtube.com](http://www.youtube.com).





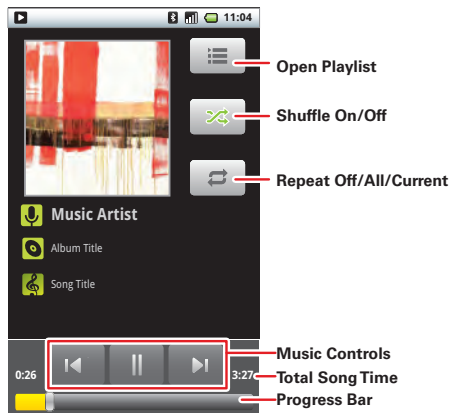
# Music






*when music is what you need...*

Keep your music with you! Put music on your phone so you can listen and create playlists anytime.



## Quick start: Music

From the home screen, touch  >  **Music**, then choose a song to play it.





- To adjust **volume**, use the phone's volume keys.
- When a song is playing, you touch Menu  to add it to a **playlist** or use it as a **Use it as a ringtone**.  
To edit, delete, or rename playlists, touch  >   
**Music** touch the **Playlists** tab, then touch and hold the playlist name.
- To **hide** the player and use other apps, touch Home . Your music keeps playing. To return to the player, flick down the status bar and touch .

**Tip:** For quick music player controls, touch and hold an empty spot in your home screen, then choose **Widget > Music**.

- To **stop** the player, touch .
- **Before a flight**, turn off network and wireless connections so that you can keep listening to music: press and hold Power/Lock key  > **Flight mode**.

**Note:** When you select flight 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 flight mode. Emergency calls to your region's emergency number can still be made.

You can use your phone's 3.5mm OMTP headset jack to connect wired headphones, or go wireless with "**Bluetooth™ Devices**" on page 25.

To listen to FM **radio** stations, plug in a 3.5mm OMTP headset and touch  >  **FM Radio**. Your phone uses the headset wire as the radio antenna.

## Music Files

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

To get songs for your music player, you can download them from online services or copy them from your computer. Your music player can play these **file formats**: MP3, M4A, AAC, ACC+, MIDI, WAV, or OGG Vorbis.

**Note:** Your phone does not support any DRM protected files.


To copy files **from your computer** to your phone, you can use "**Cable Connections**" on page 26 or "**Bluetooth™ Devices**" on page 25.

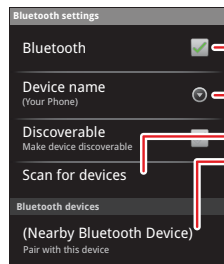
To **save a CD as files** on your computer ("rip" the CD), you can use a program like Microsoft™ Windows™ Media Player. First, make sure you change the format to MP3 (under Rip > Format in Windows Media Player).

# Connections

*home, office, or hotspot*

## Quick Start: Connections

From the home screen, touch Menu  > **Settings** > **Wireless & networks**, then **Bluetooth settings** or **Wi-Fi settings**.



Turn Bluetooth power on & scan, or turn off.

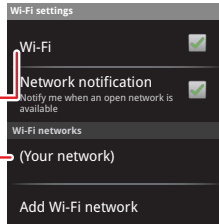
Change your phone's Bluetooth device name.



Re-scan.


Connect a device found by the scan.

Turn Wi-Fi power on & scan, or turn off.

Connect a device found by the scan.



- To connect **Bluetooth devices**, touch Menu  > **Settings** > **Wireless & networks** > **Bluetooth settings** > **Scan for devices** (or **Bluetooth**, if it is off). Touch a device that your phone found, to connect it.
- To connect **Wi-Fi networks**, touch Menu  > **Settings** > **Wireless & networks** > **Wi-Fi settings** (then touch **Wi-Fi**, if it is off). Touch a network that your phone found, to connect it.
- To use a **cable connection**, connect your phone's micro USB port to a standard USB port on your computer, then use a computer program to transfer files to and from your phone's memory card. Your phone supports microSD cards up to 32GB.

On your phone, flick down the status bar and touch  to enable your phone's memory card (optional accessory).



You can download your phone's driver files from [www.motorola.com/support](http://www.motorola.com/support).

## Bluetooth™ Devices

**Note:** This feature requires an optional accessory.

You can connect your phone to other Bluetooth devices for handsfree calls, file transfers, and more:

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

- 2 Touch Menu  > **Settings** > **Wireless & networks** > **Bluetooth settings**.
  - 3 Touch **Scan for devices** (**Bluetooth** if it is turned off). Your phone scans, and lists nearby devices.
  - 4 Touch a device to connect.
  - 5 If necessary, touch **Pair** or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth connected indicator  appears in the status bar.
- To reconnect a device you've connected before, just turn it on.


To disconnect a device, just turn it off.


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

**Tip:** Touch and hold an empty spot on your home screen, then choose **Widgets** > **Power Control** for a widget that lets you turn on or off **Wi-Fi**, **Bluetooth**, **Use GPS satellites**, and more.



## Wi-Fi Networks

You can connect to Wi-Fi networks for even faster Internet access and to download data:

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

- 2** Touch Menu  > **Scan** (or touch **Wi-Fi**, if it is off). Your phone scans for nearby networks.


To see your phone's MAC address or other Wi-Fi details, touch Menu  > **Advanced**.

- 3** Touch a network to connect.
- 4** If necessary, enter details from the network administrator. When your phone is connected, the Wi-Fi indicator  appears in the status bar.
- When power is on and your phone finds a network you've used, it automatically reconnects and shows  in the status bar.

## Cable Connections

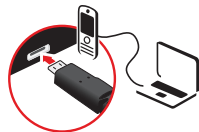
You can use a cable connection to transfer songs, pictures, or other files between your phone and computer. You will need a:

- Microsoft™ Windows™ PC or Apple™ Macintosh™.
- data cable with a standard USB connector on one end and a micro USB connector on the other end.
- microSD memory card (up to 32GB) inserted in your phone, as shown in “**Assemble & charge**” on page 3.



**Tip:** To see the available memory on your memory card, from the home screen touch Menu  > **Settings** > **Storage**.

To connect your phone and computer with a cable:

- 1** Insert a memory card in your phone, then connect your phone's micro USB port to a USB port on your computer.




**Note:** If your computer asks for your phone's driver files, you can download them from [www.motorola.com/support](http://www.motorola.com/support).

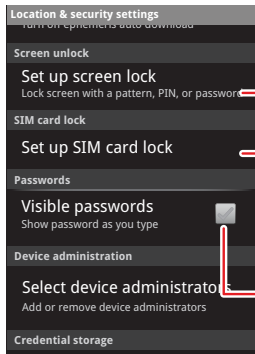
- 2** Your phone should show  in the status bar. Flick down the status bar, touch the  to enable your phone's memory card.
- 3** On your computer, open a program (like Windows™ Media Player for music files, or Microsoft™ Windows™ Explorer to drag and drop other files) and use it to transfer your files.

# Security

*help keep your phone safe*

## Quick start: Security


From the home screen, touch Menu  > **Settings** > **Location & security**.




Set a lock pattern, PIN, or password that you must enter whenever you wake up the screen.

Choose a number code that you must enter when you turn on your phone.

Show password letters and numbers when you enter them (rather than \*\*\*).


- To set a lock **Pattern**, **PIN**, or **Password** that you must enter whenever you wake up the screen, touch Menu  > **Settings** > **Location & security** > **Set up screen lock**. Follow the prompts to enter and confirm the pattern, PIN, or password.

**Note:** You can make emergency calls on a locked phone (“**Emergency calls**” on page 13). A locked phone still rings, but you need to unlock it to answer.

- To set a **SIM card PIN** that you must enter when you turn on your phone, touch Menu  > **Settings** > **Location & security** > **Set up SIM card lock** > **Lock SIM card**. Enter your SIM PIN code. To change your code, choose **Change SIM PIN**.

**Caution:** If you enter an incorrect PIN code three times, your phone locks your SIM card. To unlock it, you need a PUK code from your service provider.

## Reset









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



**Warning:** All downloaded apps and user data on your phone will be deleted. Data on your memory card will not be deleted.

# Tips & tricks

a few handy hints





## Shortcuts

To...	
Return to the <b>home screen</b>	Touch Home  .
See <b>recently dialed</b> numbers	Touch  >  <b>Phone</b> > <b>Call log</b> .
<b>Sleep/wake</b> your phone	Press Power/Lock key  .
Turn <b>flight mode</b> on/off	Press and hold Power/Lock key  > <b>Flight mode</b> .
Turn phone <b>sounds</b> on/off	Press and hold Power/Lock key  > <b>Silent mode</b> .
Set <b>screen timeout</b>	Touch Menu  > <b>Settings</b> > <b>Display</b> > <b>Screen timeout</b> .
Turn <b>Bluetooth™</b> power on/off	Touch Menu  > <b>Settings</b> > <b>Wireless &amp; networks</b> > <b>Bluetooth</b> .

To...	
Turn <b>Wi-Fi</b> on/off	Touch Menu  > <b>Settings</b> > <b>Wireless &amp; networks</b> > <b>Wi-Fi</b> .
<b>Add a shortcut</b> on your home screen	Touch and hold an open area on your home screen to open the <b>Add to Home screen</b> menu, then touch <b>Shortcuts</b> . Choose an application, bookmark, or shortcut to add.
<b>Move</b> a shortcut or widget	Touch and hold the shortcut or widget until you feel a vibration, then drag it to where you want.
<b>Delete</b> a shortcut or widget	Touch and hold the shortcut or widget until you feel a vibration, then drag it to the trash  at the top of the screen.

## Battery tips

Your phone is like a small computer, giving you a lot of information and apps, at 3G speed, with a touch display! Depending on what you use, that can take a lot of power. So, if you want to save battery life between charges, you could reduce:




- recording or watching videos, listening to music, or taking pictures.
- widgets that stream information to your home screen, like news or weather (“**Use & change your home screen**” on page 7).
- Bluetooth™ use: touch Menu  > **Settings** > **Wireless & networks** > **Bluetooth** (turn off).
- Wi-Fi use: touch Menu  > **Settings** > **Wireless & networks** > **Wi-Fi** (turn off).
- GPS use: touch Menu  > **Settings** > **Location & security** > **Use GPS satellites** (deselect).
- network searching: if you are out of coverage, to keep your phone from looking for networks, press and hold Power/Lock key  > **Flight mode**.
- display brightness: touch Menu  > **Settings** > **Display** > **Brightness** > (*dimmer setting*).
- display timeout delay: touch Menu  > **Settings** > **Display** > **Screen timeout** > (*shorter setting*).

## Accessibility


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

### Caller ID


When you want to hear who’s calling:

**Ringtones:** Assign a unique ringtone to a contact—touch  >  **Contacts**, touch the contact, then touch Menu  > **Options**.

## Volume & vibrate


To set your ringer volume or vibration, touch Menu  > **Settings** > **Sound** > **Vibrate** or **Volume**.

## Display brightness

To change display brightness, touch Menu  > **Settings** > **Display** > **Brightness**



Uncheck **Automatic brightness** to set your own level.

## Touchscreen & keys

You can hear or feel when you touch the touchscreen: Touch Menu  > **Settings** > **Sound**:

- **Touchscreen:** To hear screen touches (click), select **Audible selection**.
- **Keys:** To feel screen keyboard touches (vibrate), select **Haptic feedback**.

## Apps

Want more? No problem. Android Market™ provides access to thousands of apps, and many provide useful accessibility features: Touch  >  **Market**.

# Troubleshooting

*we're here to help*

## Crash recovery

In the unlikely event that your phone 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 turn on your phone as usual.

## Service & repairs

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

Go to [www.motorola.com/support](http://www.motorola.com/support), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).



# Safety, Regulatory & Legal

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## 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 liquids.\*** Liquids can get into the mobile device's circuits, leading to corrosion.
- **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.\*** High temperatures can cause the battery to swell, leak, or malfunction.
- **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 mobile device or battery.\*** 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 by dropping, liquids or high temperatures.**

**\* Note:** Always make sure that the battery compartment and any connector covers are closed and secure to avoid direct exposure of the battery to any of these conditions, even if your product information states that your **mobile device** can resist damage from these conditions.

**Important:** Motorola recommends you always use Motorola-branded batteries and chargers for quality assurance and safeguards. Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers. To help you identify authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its

batteries. You should confirm that any battery you purchase has a "Motorola Original" hologram.

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.

**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. You can recycle your used batteries in many retail or service provider locations. Additional information on proper disposal and recycling can be found at [www.motorola.com/recycling](http://www.motorola.com/recycling).

**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:

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

## Third Party Accessories

Use of third party accessories, including but not limited to batteries, chargers, headsets, covers, cases, screen protectors and memory cards, may impact your mobile device's performance. In some circumstances, third party accessories can be dangerous and may void your mobile device's warranty. For a list of Motorola accessories, visit [www.motorola.com/products](http://www.motorola.com/products).

## 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](http://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 website at [direct.motorola.com/hellomoto/nss/AcousticSafety.asp](http://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.

## 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.

Similar to a computer, if a child does use your mobile device, you may want to monitor their access to help prevent exposure to inappropriate apps or content.

## Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product 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 unless it is a radio product type especially qualified for use in such areas as “Intrinsically Safe” (for example, Factory Mutual, CSA, or UL approved). 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.

Symbol	Definition
	Do not use tools.
	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 cm (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 website at: [www.motorola.com](http://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 flight 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 (ICNIRP)

### YOUR MOBILE DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) recommended by international guidelines. The guidelines were developed by an independent scientific organization (ICNIRP) and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg.

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

Head SAR	UMTS 900/2100, Wi-Fi, Bluetooth	0.819 W/kg
	UMTS 850/2100, Wi-Fi, Bluetooth	0.996 W/kg
	CDMA 800/1900, Wi-Fi, Bluetooth	___ W/kg
Body-worn SAR	UMTS 900/2100, Wi-Fi, Bluetooth	0.669 W/kg
	UMTS 850/2100, Wi-Fi, Bluetooth	0.745 W/kg
	CDMA 800/1900, Wi-Fi, Bluetooth	___ W/kg

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

Body-worn SAR testing has been carried out using an approved accessory or at a separation distance of 2.5 cm (1 inch). To meet RF exposure guidelines during body-worn operation, the device should be in an approved accessory or positioned at least 2.5 cm (1 inch) away from the body. If you are not using an approved accessory, ensure that whatever product is used is free of any metal and that it positions the phone at least 2.5 cm (1 inch) away from the body.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They recommend that if you are interested in further reducing your exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body.

Additional information can be found at [www.who.int/emf](http://www.who.int/emf) (World Health Organization) or [www.motorola.com/rfhealth](http://www.motorola.com/rfhealth) (Motorola Mobility, Inc.).

## Information from the World Health Organization

"A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established for mobile phone use."

Source: WHO Fact Sheet 193

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

## European Union Directives Conformance Statement

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

CE 0168

CE 0168

[Only Indoor Use Allowed In France  
for Bluetooth and/or Wi-Fi]

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

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



Product  
Approval  
Number

The above gives an example of a typical Product Approval Number.

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

## FCC Notice to Users

**The following statement applies to all products that bear the FCC logo on the product label.**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. See 47 CFR Sec. 15.105(b). These limits are

designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

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

For products that support Wi-Fi 802.11a (as defined in the product specifications available at [www.motorola.com](http://www.motorola.com)), the following information applies. This equipment has the capability to operate Wi-Fi in the 5 GHz Unlicensed National Information Infrastructure (U-NII) band. Because this band is shared with MSS (Mobile Satellite Service), the FCC has restricted such devices to indoor use only (see 47 CFR 15.407(e)). Since wireless hot spots operating in this band have the same restriction, outdoor services are not offered. Nevertheless, please do not operate this device in Wi-Fi mode when outdoors.

## Location Services (GPS & AGPS)

The following information is applicable to Motorola mobile devices that provide location-based (GPS and/or AGPS) functionality.

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.

## Navigation

The following information is applicable to Motorola mobile devices that provide navigation features.

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](http://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. Use your device's security and lock features, where available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure Personal Information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.

**Note:** For information on how to backup or wipe data from your mobile device, go to [www.motorola.com/support](http://www.motorola.com/support)

- **Online accounts**—Some mobile devices provide a Motorola online account (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 and updates**—Choose your apps and updates carefully, and install from trusted sources only. Some apps can impact your phone's performance and/or have access to private information including account details, call data, location details and network resources.
- **Wireless**—For mobile devices with Wi-Fi features, only connect to trusted Wi-Fi networks. Also, when using your device as a hotspot (where available) use network security. These precautions will help prevent unauthorized access to your device.

- **Location-based information**—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](mailto: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

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



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



### Packaging & Product Guides

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

## Software Copyright Notice

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

## Content Copyright

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



## Open Source Software Information

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

MOTOROLA MOBILITY, INC.

OSS Management

600 North US Hwy 45

Libertyville, IL 60048

USA

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

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

To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please press Menu Key > **Settings** > **About phone** > **Legal information**

> **Open source licenses**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

## WARRANTY INFORMATION

Motorola guarantees to you, the original purchaser, the Personal Communicator and accessories which you have purchased from an authorised Motorola dealer (the "Products"), to be in conformance with the applicable Motorola specifications current at the time of manufacture for a term of 1 year (2 years for South Africa and Portugal) from date of purchase of the Product(s) (Warranty Term).

You must inform Motorola of the lack of conformity to the applicable specifications of any of the Products within a period of two (2) months from the date on which you detect a defect in material, workmanship or lack of conformity and in any event within a term not to exceed the Warranty Term, and must immediately submit the Product for service to Motorola's Authorised Repair or Service Centre. Motorola shall not be bound by Product related statements not directly made by Motorola nor any warranty obligations applicable to the seller.

During the Warranty term, Motorola will, at its discretion and without extra charge, as your exclusive remedy, repair or replace your Product which does not comply with this warranty; or failing this, to reimburse the price of the Product but reduced to take into account the use you have had of the Product since it was delivered. This warranty will expire at the end of the Warranty Term.

This is the complete and exclusive warranty for a Motorola Personal Communicator and accessories and in lieu of all other warranties, terms and conditions, whether express or implied.

Where you purchase the product other than as a consumer, Motorola disclaims all other warranties, terms and conditions express or implied, such as fitness for purpose and satisfactory quality.

In no event shall Motorola be liable for damages nor loss of data in excess of the purchase price nor for any incidental special or consequential damages\* arising out of the use or inability to use the Product, to the full extent such may be disclaimed by law.

This Warranty does not affect any statutory rights that you may have if you are a consumer, such as a warranty of satisfactory quality and fit for the purpose for which products of the same type are normally used under normal use and service, nor any rights against the seller of the Products arising from your purchase and sales contract.

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\* including without limitation loss of use, loss of time, loss of data, inconvenience, commercial loss, lost profits or savings.

## HOW TO GET WARRANTY SERVICE?

In most cases the authorised Motorola dealer which sold and/or installed your Motorola Personal Communicator and original accessories will honour a warranty claim and/or provide warranty service. Alternatively, for further information on how to get warranty service, please contact either the customer service department of your service provider or go to <http://www.motorola.com/support/warrantyselector>.

Where, in the Country of purchase, there is a statutory requirement to provide extended repair service to consumers beyond the first year of purchase (South Africa and Portugal), this warranty will be provided by Motorola Authorised Service Centres or Motorola directly appointed dealers in the country of purchase according to the terms of this warranty information document. However, please note that you will be referred back to the place of purchase, if the Motorola Dealer has purchased the product directly from Motorola, in the country of purchase or in a country where Motorola is not required to support supplementary repair service during the second year of purchase because of the statutory obligations that may apply to the seller or importer of the product, but not to the manufacturer, to provide an extended warranty to consumers beyond the first year.

## CLAIMING

In order to claim the warranty service, you must return the Personal Communicator and/or accessories in question to Motorola's Authorised Repair or Service Centre in the original configuration and packaging as supplied by Motorola. Please avoid leaving any supplementary items like SIM cards. The Product should also be accompanied by a label with your name, address, and telephone number; name of operator and a description of the problem. In the case of vehicular installation, the vehicle in which the Personal Communicator is installed should be driven to the Authorised Repair or Service Centre, as analysis of any problem may require inspection of the entire vehicular installation.

In order to be eligible to receive warranty service, you must present your receipt of purchase or a comparable substitute proof of purchase bearing the date of purchase. The phone should also clearly display the original compatible electronic serial number (IMEI) and mechanic serial number (MSN). Such information is contained with the Product.

You must ensure that any and all repairs or servicing is handled at all times by a Motorola Authorised Service Centre in accordance with the Motorola Service requirements.

In some cases, you may be requested to provide additional information concerning the maintenance of the Products by Motorola Authorised Service Centres only, therefore it is important to keep a record of any previous repairs, and make them available if questions arise concerning maintenance.

## CONDITIONS

This warranty will not apply if the type or serial numbers on the Product have been altered, deleted, duplicated, removed, or made illegible. Motorola reserves the right to refuse free-of-charge warranty service if the requested documentation can not be presented or if the information is incomplete, illegible or incompatible with the factory records.

Repair, at Motorola's option, may include reflashing of software, the replacement of parts or boards with functionally equivalent, reconditioned or new parts or boards. Replaced parts, accessories, batteries, or boards are warranted for the balance of the original warranty time period. The Warranty Term will not be extended. All original accessories, batteries, parts, and Personal Communicator equipment that have been replaced shall become the property of Motorola. Motorola does not warrant the installation, maintenance or service of the products, accessories, batteries or parts.

Motorola will not be responsible in any way for problems or damage caused by any ancillary equipment not furnished by Motorola which is attached to or used in connection with the Products, or for operation of Motorola equipment with any ancillary equipment and all such equipment is expressly excluded from this warranty.

When the Product is used in conjunction with ancillary or peripheral equipment not supplied by Motorola, Motorola does not warrant the operation of the Product/peripheral combination and Motorola will not honour any warranty claim where the Product is used in such a combination and it is determined by Motorola that there is no fault with the Product. Motorola specifically disclaims any responsibility for any damage, whether or not to Motorola equipment, caused in any way by the use of the Personal Communicator, accessories, software applications and peripherals (specific examples include, but are not limited to: batteries, chargers, adapters, and power supplies) when such accessories, software applications and peripherals are not manufactured and supplied by Motorola.

## WHAT IS NOT COVERED BY THE WARRANTY

This warranty is not valid if the defects are due to damage, misuse, tampering, neglect or lack of care and in case of alterations or repair carried out by unauthorised persons.

The following are examples of defects or damage not covered by this product warranty:

- 4 Defects or damage resulting from use of the Product in other than its normal and customary manner.
- 5 Defects or damage from misuse, access to incompatible sources, accident or neglect.

- 6 Defects or damage from improper testing, operation, maintenance, installation, adjustment, unauthorised software applications or any alteration or modification of any kind.
- 7 Breakage or damage to antennas unless caused directly by defects in material or workmanship.
- 8 Products disassembled or repaired other than by Motorola in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
- 9 Defects or damage due to range, coverage, availability, grade of service, or operation of the cellular system by the cellular operator.
- 10 Defects or damage due to moisture, liquid or spills of food.
- 11 Control unit coil cords in the Product that are stretched or have the modular tab broken.
- 12 All plastic surfaces and all other externally exposed parts that are scratched or damaged due to customer normal use.
- 13 Leather cases (which are covered under separate manufacturer's warranties).
- 14 Products rented on a temporary basis.
- 15 Periodic maintenance and repair or replacement of parts due to normal wear and tear.

**Note:** The talk-time, stand-by time and total life cycle of a Motorola rechargeable battery for your Personal Communicator will depend on usage conditions and network configurations. As a consumable product, the specifications indicate that you should be able to obtain optimum performance for your Motorola Personal Communicator within the first six months from date of purchase and up to (200) charges (Optimum Performance Time).

The warranty for Motorola rechargeable batteries becomes void if (i) the batteries are charged other than by Motorola approved battery chargers specified for the charging of the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, (iii) the battery is used in equipment or service other than the cellular telephone equipment for which it is specified.

Depending on operating conditions and your usage habits, wear and tear might take place of components including mechanical problems related to Product housing, paint, assembly, sub-assemblies, displays and keyboards and any accessories which are not part of the Product's in-box configuration. The rectification of faults

generated through wear and tear and the use of consumable items like batteries beyond their Optimum Performance Time as indicated in the product manual is considered to be your responsibility and therefore Motorola will not provide the free Warranty repair service for these items.

## INSTALLED DATA

Please make and retain a note of all data you have inserted into your Product for example names, addresses, phone numbers, user and access codes, notes, etc. before submitting your Product for a Warranty service as such data may be deleted or erased as part of the repair or service process.

Please note if you have downloaded material onto your Product, for example, ring tones, ring tunes, screensavers, wallpaper, games, etc. these may be deleted or erased as part of the repair process or testing process. Motorola shall not be responsible for such matters. The repair or testing process should not affect any such material that was installed by Motorola on your Product as a standard feature.

## OUT OF WARRANTY REPAIRS

If you request Motorola to repair your Product any time after the Warranty term or where this warranty does not apply due to the nature of the defect or fault, then Motorola may at its discretion carry out such repairs subject to you paying Motorola its fees for such a repair or it may refer you to an authorised third party to carry out such repairs.

## Service & Repairs

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

Go to [www.motorola.com/support](http://www.motorola.com/support), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 0870-9010-555 (United Kingdom), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

# Copyright & Trademarks

Motorola Mobility, Inc.  
Consumer Advocacy Office  
600 N US Hwy 45  
Libertyville, IL 60048

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

1-800-734-5870 (United States)

1-800-331-6456 (United States)

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

1-800-461-4575 (Canada)

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

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

**Note:** The images in this guide are examples only.

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

Product ID: MOTOROLA **FIRE™** (XT311/XT316)

Manual Number: 68016250002









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