

APPLICANT MOTOROLA INC.

FCC ID: IHDT56MC1

INSTRUCTION MANUAL

A representative version of the user's manual follows:

MOTOROLA MT620

LIFE.  POWERED.

Congratulations

MOTOROLA MT620

Your comfortable, pocket-size, smartphone with full touchscreen and QWERTY keypad—all part of the design of your MOTOROLA **MT620**.

- Stay on top of your work and personal email.
- Take and share great images and video with a high performance 5MP camera.
- Listen to the FM radio in stereo with a Bluetooth™ headset.
- Don't miss your favorite program, watch TV when and where you want.
- Browse the web at lightening speeds.
- Sleek comfortable design, that you can personalize with changeable covers—fits great in your pocket.

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

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  > **Help Center**.

You can also flick your home screen left or right to see the Getting Started and Tips & Tricks widgets.

- **Support:** Phone updates, PC software, user guides, online help and more at www.motorola.com/motorolaMT620.
- **Accessories:** Find accessories for your phone at www.motorola.com/products.

Your phone

the important keys & connectors



For some features, when you turn your phone, the screen adjusts for you.



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



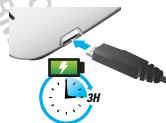
4 battery in



5 cover on



6 charge up



Caution: Please read “Battery Use & Safety” on page 45.

Tip: To save battery life, see “Battery tips” on page 20.

Turn it on & off

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

To turn off your phone, press and hold Power , then touch **Power off** in the menu that opens.

Power Key



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.

Wi-Fi™ connect

If you want to use a Wi-Fi network for even faster Internet access, touch Menu  > **Settings** > **Wireless & networks**. Touch **WLAN** to turn on, search for and connect to wireless networks. There's more in “Wi-Fi™” on page 36.

Cool content & more

Browse and download the coolest apps on the planet from the Internet. On top of that, you get a full HTML browser, so you can surf in style.

Download new apps from the “Web” on page 32. Your phone comes with 206.5 MB of internal memory, and an optional microSD memory card (upto 32 GB) can be installed—you can load it up with photos, videos, and music from your computer using “USB drag & drop” on page 38.

Security

There are plenty of ways to protect your phone and your information, in “Security” on page 42.


Touchscreen & keys

a few essentials

Touch tips


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

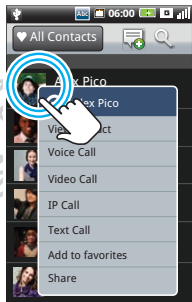
Touch

To choose an icon or option, *touch* it. Try it: In the home screen, touch  **Contacts**.




Touch & hold

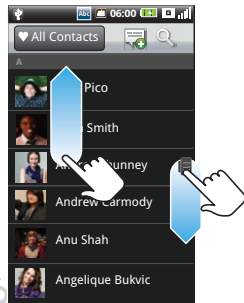
To open special options, *touch and hold* an icon or other item. Try it: In the home screen, touch  **Contacts**, then touch and hold a contact to open options.



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.

Phone covers

Your touchscreen might stay dark during calls if the sensor just above it is covered. Don't use covers or screen protectors (even clear ones) that cover this sensor.



Screen protectors can also interfere with touchscreen performance.




To find Motorola accessories for your phone, visit www.motorola.com/products.



Key tips


Menu, home, back & search

Menu Key  Home Key  Back Key  Search Key 





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


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

Touch Search  to open the search field. See “Search” on page 9.

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 .

To wake up the touchscreen, press Power , then drag the moving circle to the bottom left corner of the screen.

Tip: 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  to turn off the phone (**Power off**), **Reboot**, or **Enter airplane mode**.



Adjust volume

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




Rotate the screen

When you turn the phone, the touchscreen can rotate to stay right-side up:

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.	Touch Menu  .

To...

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. Touch Home .


Wake up your phone—Turn on a sleeping touchscreen. Press Power , then drag circle to the bottom left corner of the screen.

See recently used apps—See features that you've used most recently. Touch and hold 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 phone or touch Home  from a menu. It's basically like this:




Note: Your home screen might look a little different.

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




Widgets

A *widget* is small app on the home screen that typically displays information such as weather or news updates. You can add a widget, such as a clock, music player, or a calendar that shows upcoming appointments. To open a widget, touch it.

To add a widget, touch an empty spot on the home screen. (You can also touch Menu  > **Add** > **Widgets**.) If your home screen is full, you won't see the add option. You'll need to move or delete widgets or shortcuts to make room.



Note: If you install apps that have widgets, touch and hold the home screen, then select a widget to add to the home screen.

Shortcuts

To add shortcuts to the home screen, open the app menu, then touch and hold the shortcut you want. It will be added to the home screen. Or, touch Menu  > **Add** > **Shortcuts**.

App menu



Quick start: App menu

The app menu shows you all of your applications. To open it from the home screen, touch the app tab . To close it, touch Home . Flick up and down to see all of your apps. Any new apps that you download (see page "Apps for all" on page 34) are added to the app menu.





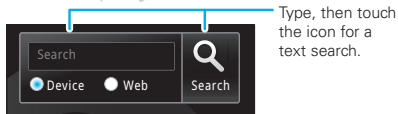
Note: The apps shown may vary.

Recent apps

Touch and hold Home  to see the last few apps you used, then touch the app you want. Touch Home  to close an app and return to the home screen.

Search





Touch Search  on the front of the phone, then touch **Device** or **Web**. Enter text, then touch  Search.













Phone status & notifications

At the top of the screen, icons on the left notify you about new messages or events. Icons on the right tell you about phone status. To access a message, email or meeting reminder, drag the status bar down and touch the notification.

Icons on the right tell you about phone status:

	Bluetooth active		network (full signal)
	GPS active		network (roaming)


	Wi-Fi active	G	GPRS (fast data)
	downloading	E	EDGE (faster data)
	vibrate	3G	3G (fastest data)
	silent		airplane mode
	mute call		battery (charging)
	speakerphone active		battery (full charge)
	alarm set		

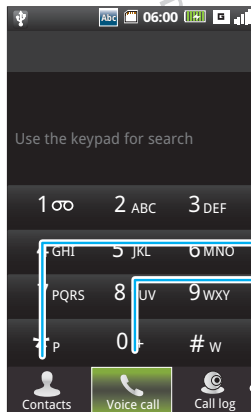
Calls

it's good to talk

Quick start: Calls

Dialing options

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



Open Contacts

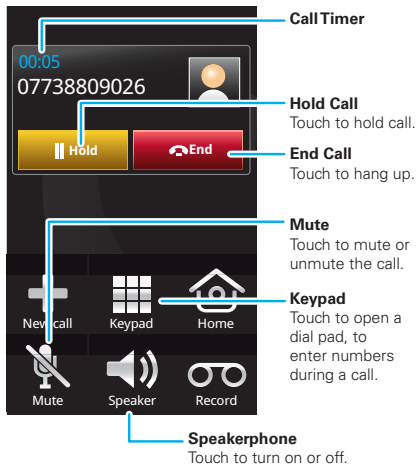
Call

Enter a phone number, then touch to make a voice call.



Call log

Touch to open, then touch an entry to call.

In-call options



Note: Video call options may be different.


Tip: To use other features during a call, like **Gallery**, touch Home  or Back  to hide the active call. To reopen it, touch  **Phone**.

Make, answer & end calls

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

To enter the international dialing code, touch and hold #.

To answer a call, drag  to the right.

To ignore a call, drag  to the left.

Touch the check box to send an SMS to decline call.

Note: Your phone includes a proximity sensor. When you hold the phone to your ear, the display goes dark to prevent accidental touches. When you move your phone away from your ear, the display lights up again.

To end a call, touch **End**.

Note: Screen protectors can interfere with touchscreen performance. Aftermarket screen protectors must have an opening for the proximity sensor to operate properly. If not, abnormal function might occur if an after-market-protector or protective film covers proximity sensor area at the top of the phone.



Video calls

Make a call and see each other while you talk, you'll both need a 3G video phone. If your phone is roaming on a non-3G network, video calls will not work.

To make a video call, touch  **Phone**, enter a number, then touch Menu  > **Video call**. To end a video call, touch **End**.

Speed dial

Find it: Menu  > **Settings** > **Call settings** > **Speed dial**

- To add or edit entries, touch a number, then touch Menu  > **Save**.
- To clear entries, touch a number, then touch **Discard**.
- To call, touch  **Phone**, then touch a number.


Go handsfree

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

To use the speakerphone during a call, touch **Speaker**:

Recent calls

Find it:  **Phone** > **Call log**

- To call a number, touch it.
- To send a text message or contact, make voice or video call, or other options, touch and hold an entry.
- To clear the list, touch Menu  > **Delete**.


Conference calls

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

Your phone number

Find it: Menu  > **Settings** > **Call settings** > **My caller number**

Your caller ID

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

Call forwarding & waiting

You can forward calls all the time, or only when your phone is busy, unanswered, or unreachable (not on the network):

Find it: Menu  > **Settings** > **Call settings** > **Voice call forwarding**

When you're on a call and a second call comes in, **Call waiting** lets you answer it by touching **Answer**. You can turn off **Call waiting**, to send second calls straight to your voicemail:

Find it: Menu  > **Settings** > **Call settings** > **Other basic settings** > **Call waiting**

Restrict outgoing calls


To restrict your phone so that it can only dial a few numbers:

Find it: Menu  > **Settings** > **Call settings** > **Fixed dialing number**

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

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 phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

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

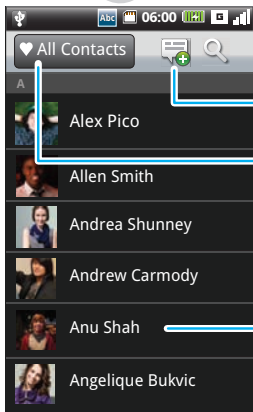
In very limited circumstances, such as where your phone has been exposed to extreme heat, “Cool Down” message screens will appear. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in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

Contacts

contacts like you've never had before

Quick start: Contacts


Find it:  **Contacts**



Create Contact

Group
Touch to choose which group to show.

Contacts List
Touch to view.
Touch & hold to call, delete & more.

Tip: To search the list, touch  then type a name. When you flick or drag this list, a scroll bar appears on the right. Drag the scroll bar to move the list faster.


Transfer contacts



Get all your contacts, all in one place. Here's a few helpful hints:

- Use Gmail™
All your Gmail contacts will automatically get synced to your phone. Various computer applications for mobile phones and email accounts allow you to export your contacts as a ".CSV" file. You can then use Gmail to import the file. For more details, go to www.motorola.com/transfercontacts or log in to your Gmail account on your computer and select "Help".
- Use a SIM
You can transfer contacts from your old phone to your new Motorola phone using your SIM card—see "Transfer contacts using your SIM" on page 14.
- More
There are other methods and tools to help you at www.motorola.com/transfercontacts.

Transfer contacts using your SIM

- 1 On your old phone, copy all the contacts you want to your SIM card.

Tip: For Motorola Android™ phones, touch  > **Manage SIM card > Export contacts** to save your contacts to your SIM card.

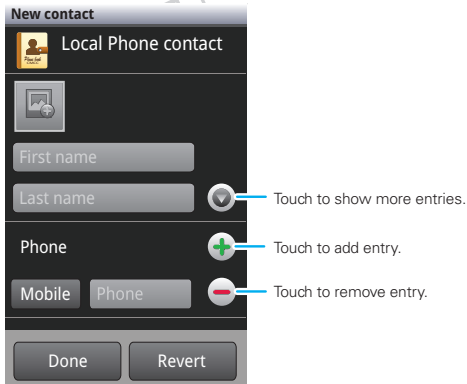
- 2 Insert your SIM card in your new phone, see “Assemble & charge” on page 3.
- 3 Import the contacts from your SIM card, touch  **Contacts** > Menu  > **Copy To Phone**.

Create contacts

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

Where are contacts saved? You must choose where to save new contacts: **SIM** or **Local Phone**.

Touch a field to type name and details.



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


Call, text, or email contacts

Find it:  **Contacts**

For **Voice call**, **Video call**, **Text contact**, **Share**, or other options, touch and hold the contact.

View & use contacts

Find it:  **Contacts**

- To filter the contacts by group, touch the filter name at the top.
 - To find a contact, just type the name.
- Touch a contact to open their details. Touch Menu  to start a call, send a message, and more.


Online contacts

My PIM is a service provided by China Mobile to synchronize your contacts, calendar, and tasks.

Find it:  >  **My PIM**

Edit or delete contacts

Find it:  **Contacts**




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

Synchronize contacts

When you change one of your **Contacts**, you can synchronize your contacts, see “Synchronize with Backup” on page 75.

Groups

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.


To create a group in your **Contacts**, touch **All Groups** > Menu  > **New Group**. Enter a group name, then touch Menu  > **Save**. To add members, touch a group name, then touch Menu  > **Add**.

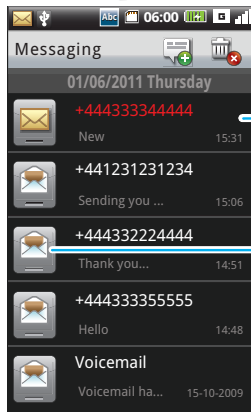
To show only one group in your **Contacts**, touch **Groups** at the top of your screen and choose the group name.

Messaging

sometimes it's best 2 text, or IM, or email . . .

Quick start: Messaging





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




Message List

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

Message Status

Icons:
 unread
 read
 urgent
 attachment

Tip: To switch between messaging and folder view touch Menu  > **Settings** > **View switch** > **Messaging View** or **Folder View**. To see more messages, flick or drag up.

Read & reply to messages


Every text and email is automatically delivered to you, ready for your immediate reply. The best part is you don't have to dig through any apps, screens or menus—every message streams right to the phone, viewable exactly the way you want.

Find it:  **Messaging**


- To open a message, touch it.
- To respond to a message, just open it and type your response, then touch **Send**.
- To open options, touch Menu .
- For email, touch  **Messaging** > Menu  > **Enter mail**.

Create messages

Find it:  **Messaging** > 

Choose a message type, then enter the recipient and message. In text messages and emails, touch Menu  for options, like **Add subject**, **Add page**, or **Discard**.

Send & receive attachments

To send a file in a message, open a new message and touch Menu  **Attachment**.


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 phone will show a button that says **Get HTML version**.

Tip: To send and receive large attachments faster, use a Wi-Fi connection, in “Wi-Fi™” on page 36.

Set up messaging





To add email accounts, touch Home  >  **Email**.

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

To change your settings, touch  **Messaging** > Menu  > **Settings**.




Instant messages

To send and receive instant messages, you can use **Fetion** or your browser.

- To use the instant messaging app, touch  >  **Fetion**.
- To use your browser, touch  **Browser** > Menu  > **Settings**, then enter your provider's website and touch **Go**. Once you're there, follow the link to sign in.

Note: Your IM options will depend on your IM provider. To browse instant messaging apps, go to www.android.com/market.











Voice mail

When you have a new voicemail,  shows at the top of your screen. To hear the voicemail, touch  **Phone**, then touch and hold your voicemail number. To set your voicemail number, in the home screen touch Menu  > **Settings** > **Call settings** > **Voice mail**.

Text entry

think keyboard, now think smaller

Typing tips

To...	
To change text input mode	Press Text input 
Enter symbols chosen from a list	Press Alternate  + Symbols 
Enter alternate characters in the corners of keys	Press Alternate 
Enter several alternate characters, until you press Alternate  again	Press Alternate  twice
Enter one capital letter	Press Shift 
Enter only capital letters, until you press Shift  again	Press Shift  twice
Select text	Touch and hold text, then touch Copy , Cut , or Paste .
Delete a character (hold to delete more)	Press Delete 

To...	
Delete the current line	Press Alternate [ALT] + Delete [X]
Start a new line or send the message	Press Return [↵]

To change your text entry settings, from the home screen, touch Menu **[☰]** > **Settings** > **Language & input**.

Physical keypad

You can type using the phone's keypad.



Tip: When you type, your phone shows you word suggestions. You can turn this on/off by touching Menu **[☰]** > **Settings** > **Language & input**.

Touchscreen keypad

To open the keypad, touch a text field. To close the keypad, touch Back **[↶]**.



Text entry settings

When you use the touchscreen keypad, your phone suggests words from your dictionary and chosen language. Your phone also automatically enters apostrophes in some words, like "don't."








Find it: Menu **[☰]** > **Settings** > **Language & input**

To change the language and the style for your touchscreen keypad, touch **Select language**.

Tips & tricks

a few handy hints

Shortcuts

To...	
Return to the home screen	Touch Home  .
See recently dialed numbers	Touch  Phone > Call log .
Search	Touch Search  .
Turn airplane mode on	Press and hold Power  > Enter airplane mode .
Sleep/wake your phone	To sleep, press Power  . To wake, press Power  , then drag the moving circle to the bottom left corner of the screen.
Turn ringer on/off	Press volume keys up/down.
Turn AGPS on/off	Touch Menu  > Settings > Location > GPS .





To...

Delete an app or shortcut

Touch and hold the app, then drag it to the trash can.

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.
- Wi-Fi™, and Bluetooth™ use: Touch Menu  > **Settings** > **Wireless & networks**, then touch **Bluetooth** or **WLAN** to turn them off or on.
- network searching: If you are out of coverage, to stop your phone from looking for networks, press and hold Power  to open the Power key menu, then touch **Enter airplane mode**.
- display brightness: Menu  > **Settings** > **Display** > **Brightness** > *(dimmer setting)*.
- display timeout delay: Menu  > **Settings** > **Display** > **Screen timeout** > *(shorter setting)*.


Personalize

add your personal touch

Create widgets


- 1 Find an empty spot on your home screen where you want to add a widget. You can flick left or right to open other panels on your home screen.
- 2 Touch and hold the empty spot until you see the **Add to Home screen** menu.
- 3 Touch **Widgets**.
- 4 Touch the type of widget. If necessary, enter the widget settings.


Set up widgets

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

You may already have several useful widgets on your home screen:

- **Messages:** Change the widget name or choose how long it shows new messages. To add email accounts, “Set up messaging” on page 17.
- **Music:** Set this widget to an artist, album, song, playlist. 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.

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**



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 **Wallpaper gallery**, **Wallpapers**, and choose a wallpaper.

Sounds

- To set volume for media and videos, touch Menu  > **Settings** > **Sound** > **Volume**.

- To play tones when using dial pad, touch Menu  > **Settings** > **Sound** > **Audible touch tones**.
- To play sound on a screen selection, touch Menu  > **Settings** > **Sound** > **Audible selection**, then adjust **Media volume**.

Display settings

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

Note: Some apps are designed so that your phone 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 & input** > **Select language**

Photos & videos

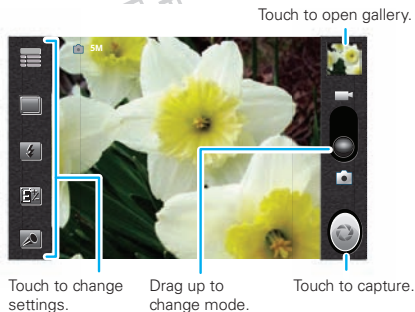
see it, capture it, share it!

Photos

Take & share photos

Take that family photo, and send it to family and friends.


Find it: Press Camera key




Tip: Press the volume keys to zoom in and out.

Note: Photos are stored on your microSD memory card.

To take the photo, press Camera key. Photo is shown in thumbnail.

Touch the thumbnail, then touch Menu  > **Share** or **Delete**.

From the viewfinder screen, touch Menu  > **Gallery**, then touch and hold a photo:

- To **set** the photo as a wallpaper, touch **More** > **Set as** > **Wallpaper**.
- To **send** the photo in a message, touch **Share**. For more info on sharing your photos, see “Share your photo gallery” on page 24.
- To **delete** the photo touch **Delete**.
- To **show** photo details, touch **More** > **Details**.

Photo options

In the viewfinder, touch the settings icons to see options:

options	
Settings	Set Grid view , Size , White balance , Effect , Contrast or Saturation .
Shot Mode	Set to Single or Frame .
Flash	Turn flash on or off.

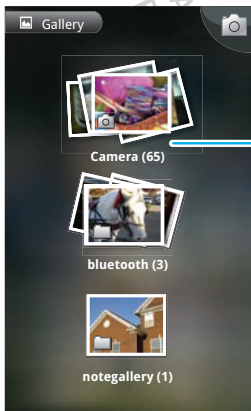
options

Exposure Set exposure.

Zoom Set zoom.

View your photos





Find it:  >  **Gallery**



Categories

Touch a category to open.

Play a slideshow

Touch  >  **Gallery**, touch a category. Touch Menu  > **Slideshow** to start a slideshow. To stop the slideshow, touch the display. To return to the pictures, touch Back .

Share your photo gallery

Find it:  >  **Gallery**

To send your photo in a message:

- 1 Touch a category, then touch and hold a photo.
- 2 Touch **Share** and choose how you want to share—**Mail**, **Messaging** or **Bluetooth**.

Manage your photos

Find it:  >  **Gallery** > *category*


Touch and hold a photo, then:


- To delete the photo, touch **Delete**.
- To set the photo as wallpaper, touch **More** > **Set as** > **Wallpaper**.
- To view details, touch **More** > **Details**.

Tip: To copy photos from your phone to a computer, go to “USB drag & drop” on page 38.

Edit your photos

Find it:  >  **Gallery** > *category* > *photo*

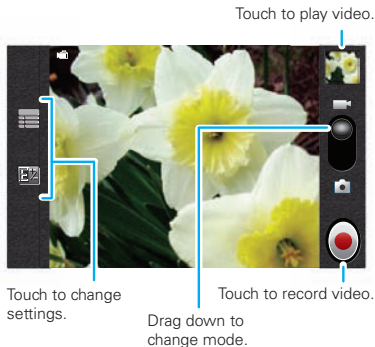
To crop a photo, touch Menu  > **More** > **Crop**. Stretch and drag the crop square to the size you want, then touch **Save**.

To rotate a photo, touch Menu  > **More** > **Rotate Left** or **Rotate right**.

Videos


Record & share videos

Find it: Press Camera key > Menu  > **Switch to video**



Tip: To send your video in a message, set the video quality to **MMS (Low, 30s)**: Touch **Settings > Quality**.

To record a video, press Camera key. To stop the video recording, press Camera key again. Touch the video thumbnail to play the video.

From the viewfinder screen, touch Menu  > **Gallery** to see a thumbnail of your videos.

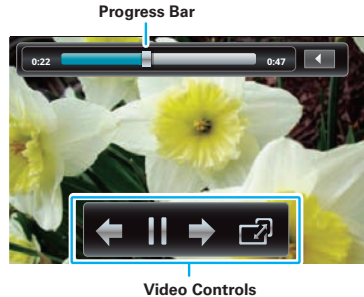
To **play** the video, touch the thumbnail.

To **share** the video, touch and hold, then touch **Share**.

To **delete** the video, touch and hold, then touch **Delete**.

Play your videos

Find it:  >  **Video** > *video*



Manage your videos

Find it:  >  **Video**

Touch and hold a video, then:


- To delete a video, touch and hold, then touch **Delete**.
- To view details, touch and hold, then touch **Properties**.

Business tools

make work easier

Keep up to date with all your work, with access to **Mobile Reader**, **Notes**, **ToDo List**, **Quickoffice**, **Business Card Reader**, **CoolDict**, **Magic Box**, and more.

Select apps

From the home screen touch , then touch the app you want to use.

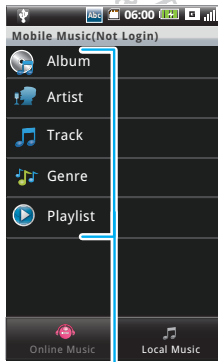
Music

when music is what you need...

Quick start: Mobile Music

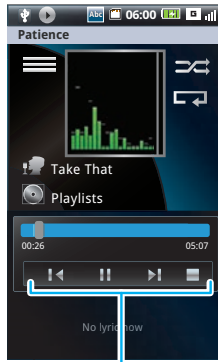
Touch, touch, play—instant music. Just open your music library, then select what you want to play.

Find it:  >  **Mobile Music**




Categories

Touch a category, then touch a song or playlist.



Music Controls

Tip: When a song is playing, you can add it to a playlist or set as your ringtone. Touch Menu  > **Add to** or **Ringtone**.

Set up music


What music transfer tools do I need?

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

- A Microsoft™ Windows™ PC.
- A USB data cable.

Do I need a memory card?

Your music can be stored on phone's internal memory (206.5 MB) or your memory card. Your phone supports removable microSD memory cards up to 32 GB capacity. To make sure your memory card is installed, go to "Assemble & charge" on page 3.

Tip: To see the available memory on your phone and memory card, touch Menu  > **Settings** > **Storage information**.

What music file formats can I play?

Your phone can play many types of files: MP3, M4A, AAC, ACC+, MIDI, WAV, and OGG Vorbis.

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

What headphones can I use?


You can go wireless with Bluetooth™ stereo headphones or speakers (see "Bluetooth™ wireless" on page 35).

Get music

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

Transfer using USB

Transfer music files from a computer to your memory card.

- 1 With a memory card inserted, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone's micro USB port to a USB port on your computer. Your phone should show  in the status bar.
Note: Your phone supports Microsoft™ Windows™ XP, and Windows Vista™. Other operating systems may not be compatible.
- 2 Your phone shows a USB connection dialog. Touch **UMS mode**. You can't use the files on your memory card while it is connected.

- Find "Removable Disk" (your memory card) in the "My Computer" window.

Note: Your phone's internal memory is also shown as a "Removable Disk," so highlight and select "Properties" to check.

- Drag and drop your music to a folder on your memory card.

Tip: To help manage your music, create a "Music" folder on your memory card.

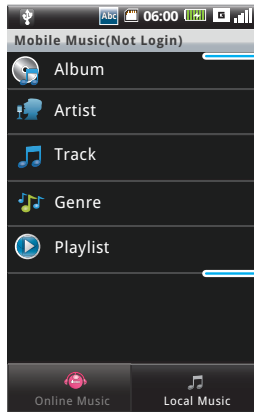
- When you're done, use the "Safely Remove Hardware" feature to finish.

Play music

Music library

Open your music library, then select what you want to play.

Find it:  >  **Mobile Music**

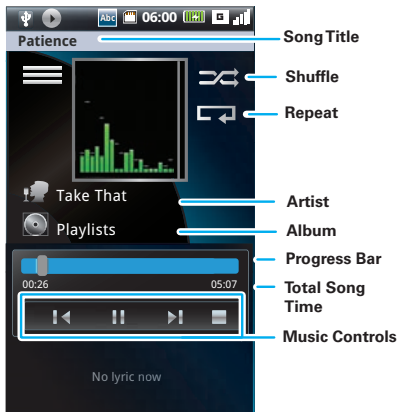


Categories
Touch to list songs
or playlists.

Your music is stored by artists, albums, songs, and playlists. Touch a category, then touch the song or playlist you want to play.

Music player

Just touch a song or playlist to get going.



Music player controls

controls	
play/pause/stop	Touch ► / / ■.
previous/next	Touch ◀ / ▶.

controls

fast forward/rewind	Touch and hold ◀ / ▶.
shuffle	Touch ⌘.
repeat	Touch ↺.
volume	Press the side volume keys.
add to playlist	Touch Menu ☰ > Add to .
use as ringtone	Touch Menu ☰ > Ringtone .

Hide, wake, turn off

Touch 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. From the music library you can

create new playlists, touch **Playlists** > Menu  > **Create Playlist**.

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

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

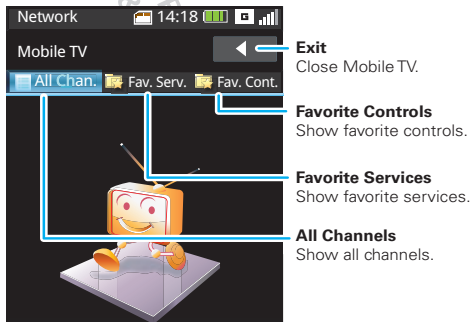
TV & radio

TV and radio anywhere


Quick start: Mobile TV

See your TV shows when and where you want, right on your phone.

Find it:  >  **Mobile TV**



Watch programs

To manually scan channels, touch Menu  > **Rescan**.

To change volume, press the side volume keys.

To close, touch Menu  > **Exit**.

Quick start: Radio

Listen to news and music anywhere, for free.

Find it:  > **FM Radio**



Change Frequency


Touch to scan up/down or to change by 0.1/-0.1.


Pause

Channel Presets


Touch to go to channel.

To tune stations, touch Menu  > **More** > **Scan**.

To change volume, press the side volume keys. To use the loudspeaker, touch Menu  > **More** > **By Loudspeaker**.

To turn off the radio, touch Menu  > **Exit FM**.

Use radio presets

To **store** the current station as a preset, touch Menu  > **Save Channel**.

To **go to** a preset station, touch the channel number.

To **manage** presets, touch the channel number, then touch Menu  > **Edit Channel**.

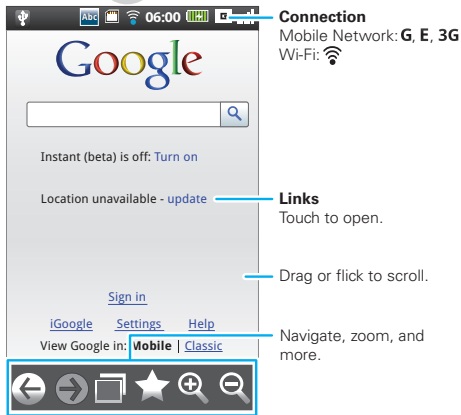
To **clear** presets, touch the channel number, then touch Menu  > **Clear Chan....**

Web

surf the web with your phone

Quick start: Browser

Find it:  **Browser**




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

Connect

Your phone uses the mobile phone network (over the air) to automatically connect to the web.

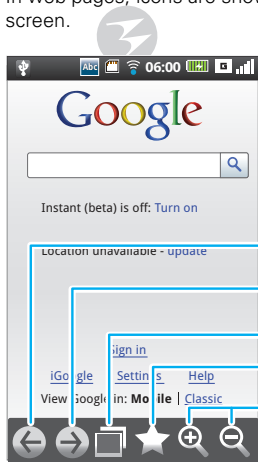
Note: This phone supports data-intensive apps and services. It is strongly recommended that you purchase a data plan that meets your needs. Contact your service provider for details.

To use a wireless network, touch Menu  > **Settings** > **Wireless & networks**. Touch **WLAN** to turn it on and to search for nearby wireless networks. Touch a network to connect. There's more in "Wi-Fi™" on page 36.

Web touch tips


Zoom & navigate

In web pages, icons are shown at the bottom of your screen.




Select links

When you touch a link, your phone outlines it and then opens it.


source.android.com/ 
[Android Community - Tracking the Android Platform](#)


Browser options

Touch Menu  to see browser options:

options	
Refresh	Reloads the current page.
Home page	Go to your home page.
Bookmarks	Manage your bookmarks.
Select text	Lets you copy text to clipboard.
Downloads	View your download history.
Settings	Shows browser options, such as Set default zoom .
More actions	Shows more browser options, such as Page info .
Exit	Close your browser.

Download apps

Warning: Apps downloaded from unknown sources can include spyware, phishing, or viruses that affect your phone, phone performance, and personal data. For security, download apps only from trusted sites like  **Mobile Market**.

1 If you want to download apps from any web page, touch Menu  > **Settings** > **Applications** > **Unknown sources**.

2 To launch the browser, touch  **Browser**.

3 Find the app you want to download and touch the download link.

Note: Downloaded apps are stored in your phone memory.

Manage your downloads

To view files or apps you have downloaded, touch  **Browser** >  > **Downloads**.

To clear your download history, touch **Clear list**. To cancel, touch **Cancel all downloads**.

Apps for all

get the app you want

China mobile

Get all the fun games and cool apps you want from China Mobile or the web (see “Download apps” on page 33). China mobile provides you with access to **Mobile Market, Fetion, 139Mail, Monternet, DCD, Mobile Stock, Navigation**, and much more.

Select apps

Scroll to and touch the app you want to use.

Manage apps

Find it: Menu  > **Settings** > **Storage information** > **Manage storage** > **Other applications**

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

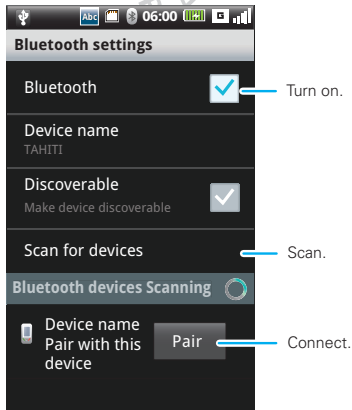
Bluetooth™ wireless

lose the wires and go wireless

Quick start: Bluetooth wireless

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

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



Turn on.

Scan.

Connect.

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**



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, see “Reconnect devices” on page 36.

- 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 Touch Menu  > **Settings** > **Wireless & networks** > **Bluetooth settings**.
- 3 Touch **Bluetooth** to turn on, and then touch **Scan for devices**. If Bluetooth is already on, touch Menu  **Scan for devices**.
- 4 Touch a device to connect.

5 Touch **Pair**, (or if necessary 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 phone with a paired device, simply turn on the device.

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

Disconnect devices

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

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

Edit properties

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

Wi-Fi™

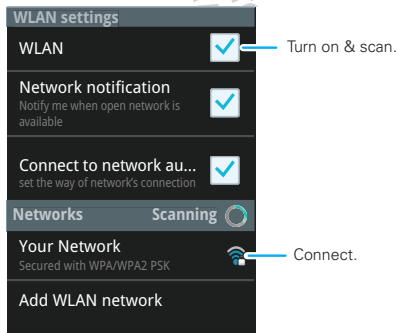
home, office, or hotspot

Quick start: Wi-Fi

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

Note: Your phone'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.

Use a wireless network for fast Internet access and to download data.



Turn Wi-Fi on or off


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

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

Wi-Fi search & connect


To find networks in your range:

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

1 Touch **WLAN** to turn on and scan. If Wi-Fi is already on, touch Menu  > **Scan**. Your phone lists the networks it finds within range.

Tip: To see your phone's Wi-Fi details, touch Menu  > **Advanced**.

2 Touch a network to connect.

3 If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**. When your phone 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 phone as a Wi-Fi hotspot to provide portable, convenient internet access to other Wi-Fi enabled devices.

Setup

Protect your network, add security to your Wi-Fi hotspot:

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

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

Touch **Wi-Fi hotspot** to turn on, then touch **Configure Wi-Fi hotspot**:

- **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.

- **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.

Activate hotspot

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

USB & memory card


connect your phone and computer, then drag & drop

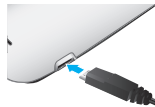
USB drag & drop

Note: This feature requires an optional accessory.

You can transfer your pictures, videos, music, ringtones, and more, from your computer to your phone's memory card.

Note: Your phone supports Microsoft™ Windows™ XP, and Windows Vista™. Other operating systems may not be compatible.

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



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

- 2 Your phone shows a USB connection dialog. Touch **UMS mode**. You can't use the files on your memory card while it is connected.



- 3 On your computer, use the “My Computer” window to find “Removable Disk”
Note: Your phone’s internal memory is also shown as a “Removable Disk”, so highlight and select “Properties” to check.
- 4 Click on the “Removable Disk” icon to access the memory card.
- 5 Drag and drop your pictures, videos, music, ringtones, and more, to your phone folder. To help manage your files, you can create more folders in your phone folder.
- 6 When you’re done, use the “Safely Remove Hardware” feature to finish.

Memory card


To make sure your memory card is installed, go to “Assemble & charge” on page 3.

Manage files

Find it:  >  **File Manager**

Touch a file or folder to open. Touch Menu  to create a **New folder**, **Sort by**, **Copy**, **Cut**, **Delete**, or show **Properties** and more. Touch Menu  > **Share** to **Bluetooth** transfer, and more.

Remove or format your memory card

Before you remove or format your memory card, you need to unmount it. Touch Menu  > **Settings** > **Storage information** > **Unmount SD card** or **Mount SD card**.

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

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

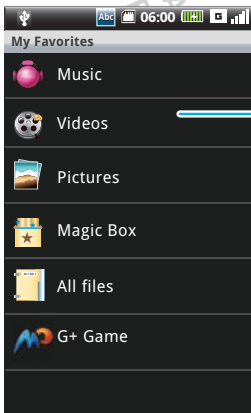
Tools

stay on top of things

My Favorites

Want to quickly find that family photo or play your favorite song? All your stuff in one place—just touch to open what you want.

Find it:  >  **My Favorites**



Categories

Touch a category, then touch a playlist, song, video, photo, or file.

Alarm

Find it:  >  **Clock**

To turn on an alarm, touch

OFF.

When an alarm sounds, touch

Dismiss to turn it off or

Snooze to delay.

Calculator

Find it:  >  **Calculator**

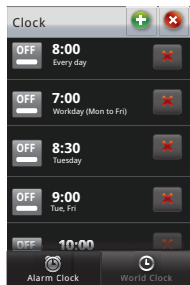
Sound recorder

Find it:  >  **Recorder**

To record, touch . To stop the recording, touch .

To play the recording, touch .

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



Calendar

Find it:  >  **Calendar**

Your calendar events can be viewed in different ways:

Touch Menu  > **Settings** > **Set default view.**

Add calendar events

From any calendar view, touch & hold a date or time. Touch **New event** and enter event details, then touch **Save.**

Manage calendar events

To edit an event, touch it. Edit event details, then when you're done, touch **Save.**

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


To go to today touch Menu  > **Today.**



Management

stay in control

Airplane mode

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

Update my phone

To keep your phone current, software updates may be available. Touch  >  **DM Service** > **Software Update** to see if your phone is up to date.

Network

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

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

Note: To make any call, including an emergency call, the network setting for your phone must be the same as the local wireless network. For example, in Europe, set the phone's network to GSM.

Synchronize with Backup

Find it:  >  **Backup**

The Backup app on your phone, lets you copy your information (messages, settings, email, notes, and contacts) on to your memory card. It's easy to backup the information you want to keep up-to-date.

- 1 Touch what you want to backup, such as, **Contacts in phone, SMS in phone, MMS in phone, Settings**, and more.
- 2 Touch **To Storage Card**.
- 3 Enter your backup name.

Restore your data from your memory card.

Warning: The data on your phone will be overwritten.

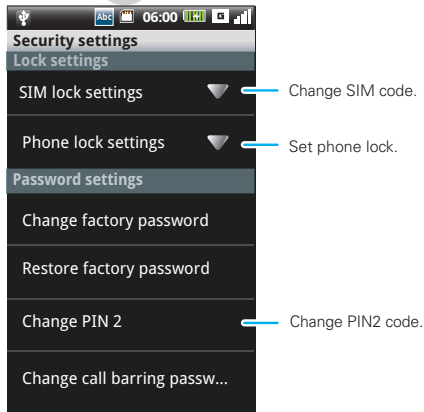
- 1 Touch **Restore** > *backup name*.
- 2 Touch what you want to restore, such as, **Contacts in phone, SMS in phone, MMS in phone, Settings**, and more.
- 3 Touch **Restore**.

Security

help keep your phone safe

Quick start: Security

Find it:  > **Settings** > **Security**





You can set a pattern, PIN, or password to prevent unauthorized access to your device.

Screen lock

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.

Lock the screen in the following ways:

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

To unlock the screen, press Power/Lock . Then, drag the moving circle to the bottom left corner of the screen.


Lock pattern

To set the lock pattern, touch Menu  > **Settings** > **Security** > **Phone lock settings** > **Set up screen lock** > **Pattern**.

Follow the instructions to draw your lock pattern.

When prompted, draw the pattern to unlock the phone.

Passcode lock

To set the passcode, touch Menu  > **Settings** > **Security** > **Phone lock settings** > **Set up screen lock** > **Password**.

Enter password, then confirm it.


When prompted, enter the password to unlock the phone.

Forgot your passcode?

If you forget your passcode you will need to reset your phone to its initial factory settings, see “Reset” on page 44.

Lock your SIM

Enable SIM PIN

To lock your SIM (the next time you power up the phone you will need to enter your SIM PIN), from the home screen, touch Menu  > **Settings** > **Security** > **Set up SIM card lock** > **Lock SIM card**. Enter your SIM PIN code.

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

Change SIM PIN


From the home screen, touch Menu  > **Settings** > **Security** > **SIM lock settings** > **Lock SIM**.

PUK code

To unlock your SIM PIN, you need to enter your PIN unlock code (PUK code) when prompted.

Note: Your PUK code is provided by 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.

Reset

To reset your phone to factory settings, touch Menu  > **Settings** > **Security** > **Master clear**.

Warning: All data on your phone will be reset to factory settings.

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, 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

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.*** 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 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.rbc.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:

- 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.

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.

Symbol	Definition
	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 0.17 W/kg, and when worn on the body, as described in this guide, is 0.47 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.

Additional Information can be found on the Web sites of the World Health Organization (<http://www.who.int/emf>) or Motorola Mobility, Inc. (<http://www.motorola.com/rfhealth>).

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

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. To find your DoC, enter the

Product Approval Number from your product's label in the "Search" bar on the Web site.

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.

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 MOTOLUR). 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

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



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 also contains information regarding Motorola's use of open source.

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

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

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola Mobility, Inc. warrants its mobile telephones ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories"), and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software")

to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories, and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

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.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	Ninety (90) days from the date of purchase.

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.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the Internet), is provided "as is" and without warranty.

Who is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software, and applications, please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	1-800-734-5870
Canada	1-800-461-4575
TTY	1-888-390-6456

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE

THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.



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

1-800-734-5870 (United States)

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

1-800-461-4575 (Canada)

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

Contact your service provider for details.

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

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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Product ID: Motorola MT620

Manual Number: 68XXXX465-A



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