

APPLICANT MOTOROLA INC.

FCC ID: IHDT56LG1

INSTRUCTION MANUAL

A representative version of the user's manual follows:



MOTO™ MT810

User's Guide

Please note:



This draft documents features as they were available and functioning at the time of production (software version BHTD_N_02.03.34).

Congratulations

MOTOROLA MT810

The MOTOROLA **MT810** lets you multi-task with premium business features and provides a rich multimedia and browsing experience.

- Dual touch experience—finger touch on outer flip screen, stylus touch on inner screen.
- Don't miss your favorite program, watch TV when and where you want ("Mobile TV" on page 29).
- Surf the Internet to your heart's content ("Web" on page 29).
- Enjoy yourself with powerful features, such as, **Mobile Market, Fetion, 139Mail, Monternet, DCD, Navigation** and **Mobile Stock** ("Apps for all" on page 32).
- Business features—**Mobile Reader, Notes, Dictionary,** and **Business Card Reader.**

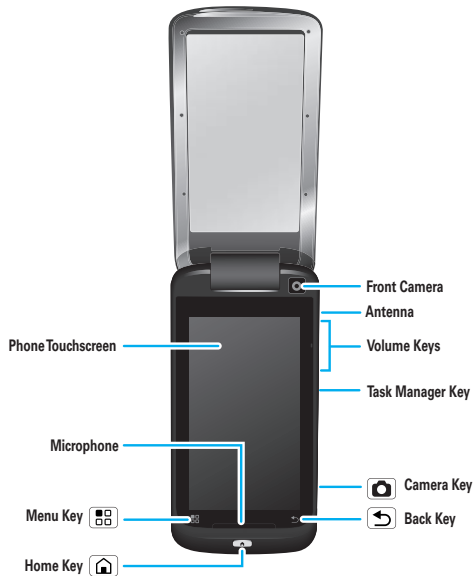
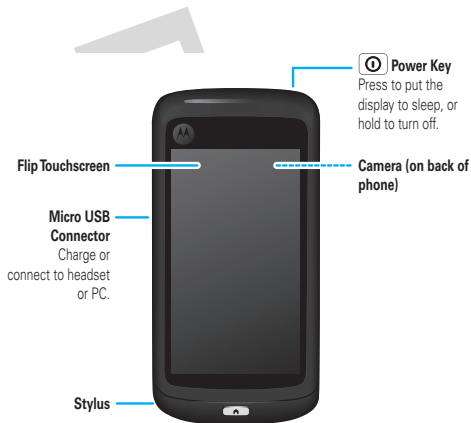
Caution: Before assembling, charging or using your phone for the first time, please read the important legal and safety information at the back of this guide. Once your phone is up and running, Home  >  **Settings** > **About phone** > **Legal information** to read the open source notice and platform information.

More

- **Answers:**
- **Accessories:** Find accessories for your phone at www.motorola.com/products.

Your phone

the important keys & connectors



Note: Your phone might look a little different.

Contents

| | |
|----------------------------|----|
| Your phone | 2 |
| Let's go | 3 |
| Touchscreen & keys | 5 |
| Home screen | 7 |
| Calls | 9 |
| Contacts | 13 |
| Messaging | 15 |
| Text entry | 17 |
| Tips & tricks | 19 |
| Personalize | 20 |
| Photos & videos | 21 |
| Business tools | 24 |
| Music | 25 |
| Mobile TV | 29 |
| Web | 29 |
| Apps for all | 32 |
| Bluetooth™ wireless | 32 |
| Wi-Fi™ | 34 |
| USB & memory card | 35 |
| Tools | 36 |
| Management | 38 |
| Security | 39 |
| Troubleshooting | 41 |
| Safety, Regulatory & Legal | 42 |

Let's go

let's get you up and running

Assemble & charge

1 cover off



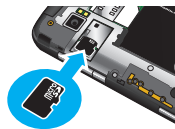
2 SIM in



3 battery in



4 microSD in



5 cover on





6 charge up



Caution: See "Battery Use & Safety" on page 42"

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.



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, press Home  >  **Settings** > **Wireless Lan Settings**. Touch **WLAN** to turn on, search for and connect to wireless networks. There's more in "Wi-Fi™" on page 34.

Cool content & more

Browse and download thousands of 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 29. Your phone comes with 122 MB of internal memory, and an optional microSD memory card (upto 16 GB) can be installed—you can load it up with photos, videos, and

music from your computer using "USB drag & drop" on page 35.

Security

There are plenty of ways to protect your phone and your information, in "Security" on page 39.


Touchscreen & keys

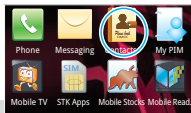
a few essentials

Touch tips


Here are some tips on how to navigate around your phone. With the flip closed, you can use your finger to touch the flip touchscreen. With the flip open, use the stylus to touch the phone touchscreen.

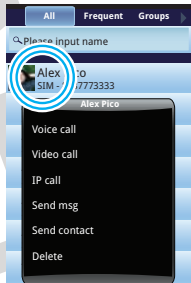
Touch

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.

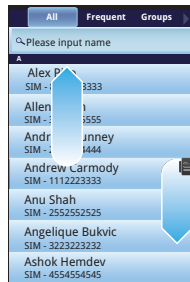


Drag

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).

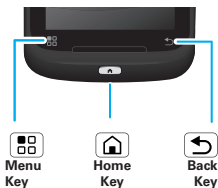
Tip: When you flick a long list, touch the screen to stop it from scrolling.

Key tips


Menu, home, & back


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



Touch Menu  to open menu options, or 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 .

To wake up the touchscreen, press Home , 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, press Home  >  **Settings** > **Display settings** > **Screen timeout**.

Power key menu

Press and hold Power  to turn off the phone (**Power off**), or set the mode (**Normal mode**, **Vibrate mode**, **Silent mode**, **Outdoor mode**), or turn on or off **Airplane mode**.

Adjust volume

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



Home screen


quick access to the things you need most

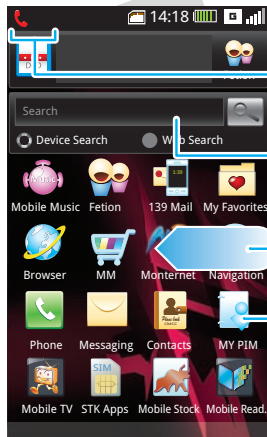
Quick start: Home screen

The short home screen gives you a few apps to play with. It's what you see when you turn on the phone or close the flip. It's basically like this:




Shortcut
Touch to open.

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



Status Indicators

Notifications
Flick this bar down to see details.

Search Field
Touch & enter text, then touch .

Flick left & right to open more panels.

Shortcut
Touch to open.

Use & change your home screen


On your home screen, *shortcuts* open your favorite apps, bookmarks, contacts and more.

Flick the home screen left/right to see more panels of shortcuts.


Tip: You can also touch the numbered squares at the bottom of the screen and then touch the panel number.

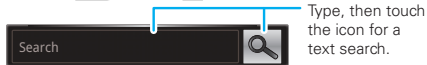
- To **open** something, touch it. Press Home  to return to the home screen.

You can find details about the settings for **Messages** ("Set up messaging" on page 16) or **Mobile Music** ("Music" on page 25).

- To **add** something, touch and hold an empty spot until you see the options. You can add apps, shortcuts, tools, and widgets.
- To change your **wallpaper**, touch Menu  > **Wallpaper**.
- To **move** or **delete** something, touch and hold it until you feel a vibration, then drag it to another spot, another panel, or into the trash.

Search















Use the search field on the home screen to search your phone and the web (**Device** or **Web**). To search, touch the field, 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 (flick the bar down for details). 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 | | |

Home settings

Change your homescreen view to Moto home screen or OMS home screen.

Find it: Home  >  **Settings** > **Home settings** > **Select home** > **Moto Home**

Find it: Home  >  **Settings** > **Home settings** > **Select home** > **OMS Launcher**

Note: Your home screen may vary.

To return to the standard home screen press Home  >  **Settings** > **Display settings** > **Home settings** > **Flord Home**.

Calls

it's good to talk

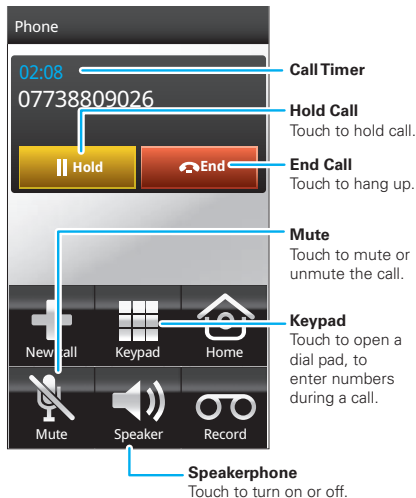
Quick start: Calls

Dialing options

Find it: Home  >  **Phone**



In-call options



Note: Your video call options may be different.

Tip: To use other features during a call, like **Contacts**, press Home (🏠) or Back (⏪) to hide the active call display. To reopen it, touch 📞 **Phone**.

Make & answer calls

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

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

To answer a call, touch **Answer**.

If your phone is locked, drag up to answer.

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

End calls

To end a call, touch **End**. Touch **Decline** to send an incoming call to voicemail.

Tip: If your phone is locked, drag down to hang up.




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

Speed dial

Find it: Home  >  **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 Menu  > **Discard**.
- To call, touch  **Phone**, then touch a number.

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**:

Mute, hold & record

During a call:



- To mute the current call, touch **Mute**.
- To put a call on hold, touch **Hold**.
- To record the current call, touch **Record**.

Enter numbers during a call

To enter numbers during a call, touch **Keypad** and then touch the number.

Recent calls

Find it: Home  >  **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 filter the list, touch Menu  > **Category**.
- 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: Home  >  **Settings** > **Call settings** > **My caller number**



Your caller ID

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

Emergency calls

Note: Your service provider programs one or more emergency phone numbers (such as 911 or 112) that

you can call under any circumstances, even when your 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 Press Home  >  **Phone** (if your phone is locked, touch **Emergency**).
- 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 (“GPS & AGPS” on page 87).

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: Home  >  **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: Home  >  **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: Home  >  **Settings** > **Call settings** > **Fixed dialing number**

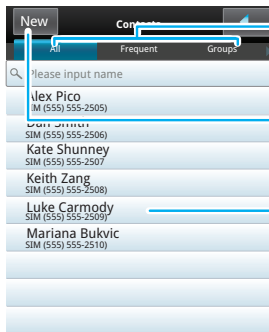
- To turn fixed dialing on, touch **FDN is disabled**.
- To add or delete the allowed numbers, touch **Manage FDN list**.

Contacts

contacts like you've never had before

Quick start: Contacts

Find it: Home  >  **Contacts**



Group


Touch to choose which group to show.

Create contacts



Touch **New**.

Contacts List

Touch to view contact information.
Touch & hold to call, delete, and more.

Tip: To search the list, touch  to open a display keypad, 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.

Import contacts from your SIM

If you need to import the contacts from your SIM card, touch  **Contacts**, then touch Menu  > **Copy to phone**.


Call, text, or email contacts

Find it: Home  >  **Contacts**

For **Voice call**, **Video call**, **Send msg**, **Send contact**, or other options, touch and hold the contact.

View & use contacts

Find it: Home  >  **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: Home  >  **My PIM**

Edit or delete contacts

Find it: Home  >  **Contacts**

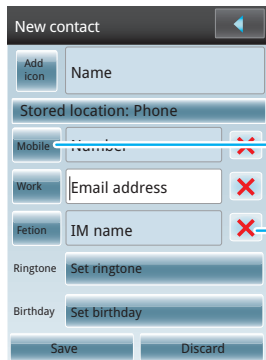
Touch the contact, then touch Menu  > **Edit** or **Delete**. You can set a ringer, address, and other details.

Where are contacts edited or deleted? Your phone edits the contacts in its memory. Your changes won't affect your SIM card.

Create contacts

Find it: Home  >  **Contacts** > **New**

Touch a field to type name and details.



Touch **Mobile** to choose a different type for this entry.

Touch **x** to remove this entry.

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



Where are contacts saved? You can choose where to save new contacts: **Stored location:Phone** or **Stored location:SIM card**.

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 **Groups** > **New**. Enter a group name, then touch Menu  > **Save**. To add members, touch a group name, then touch Menu  > **Add**.

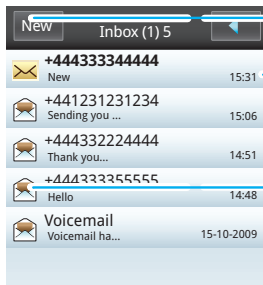
To show only one group in your **Contacts**, touch **Groups** at the top of your screen and choose the group name.

Messaging

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

Quick start: Messaging

Find it: Home  >  **Messaging** > **Inbox**



New Message

Touch **New** to create a new message.

Message List

Touch to open a message. Touch & hold to move, delete, and more.

Message Status


Icons indicate a message:

 unread

 read

 urgent

 attachment





Tip: To switch between folder and message view touch Menu  > **Folder view** or **Message view**. To show 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: Home  >  **Messaging** > **Inbox**


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

Create messages

Find it: Home  >  **Messaging** > **New**

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 .

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 34.

Set up messaging

To add email accounts, press Home  >  **Mail** > **Others**.







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

Note: While you are using a Wi-Fi network, you cannot access **Yahoo Mail** accounts. You can still use your browser to see these accounts at mail.yahoo.com.

To change your settings, press Home  >  **Messaging** > Menu  > **Enter mail** > **Others to change your user name or password**.






Instant messages

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

- To use the instant messaging app, press Home  >  **Fetion**.
- To use your browser, press Home  >  **Browser** > Menu  >  **Settings**, then enter your provider's Web site 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.

Voicemail

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

Text entry


think keyboard, now think smaller

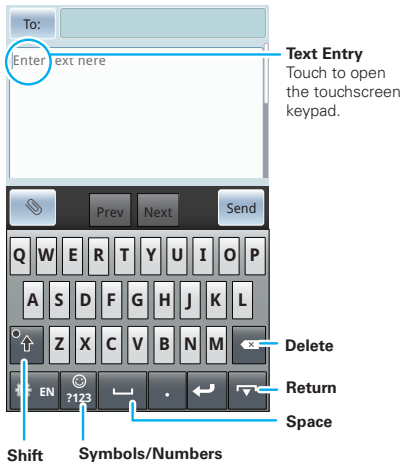
You can pick which text entry method to use, Touchscreen keypad or Full screen handwriting.

Find it: Home  >  **Settings** > **Language and input** > **Enable favorite input method**


To change your text entry settings touch **OPhone input method** (Touchscreen keypad) or **Moto input method** (Full screen handwriting).

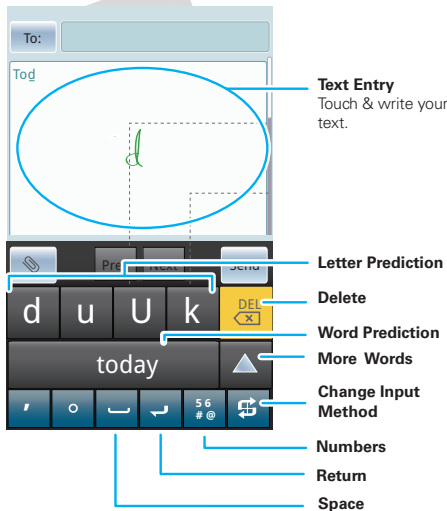
Touchscreen keypad

To open the keypad, touch a text field. To close the keypad, touch Back .



Full screen handwriting

To open full screen handwriting, touch a text field. To close full screen handwriting, touch Back .












Tips & tricks

Shortcuts

a few handy hints


Shortcuts

| To... | |
|------------------------------------|--|
| Return to the home screen | Press Home  . |
| See recently dialed numbers | Press Home  >  Phone > Call log . |
| Search | Press Home  > Search . |
| Turn airplane mode on/off | Press and hold Power  > Airplane mode . |
| Sleep/wake your phone | To sleep, press Power  . To wake, press Home  , 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 | Press Home  >  Settings > Location > Assisted GPS . |

To...

Turn **GPS** on/off

Press Home  >




 **Settings** > **Location** > **Enable GPS satellites**.





Delete an app or shortcut

Touch and hold the app or shortcut until you feel a vibration, 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.
- WiFi™, and Bluetooth™ use: Press Home  >  **Settings**, then touch **Bluetooth** or **Wireless Lan settings** > **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 **Airplane mode**.

- display brightness: Home  >  **Settings** > **Display settings** > **Brightness** > (*dimmer setting*).
- display timeout delay: Home  >  **Settings** > **Display settings** > **Screen timeout** > (*shorter setting*).

Personalize

add your personal touch

Add shortcuts

- 1 Find an empty spot on your home screen where you want to add a shortcut. You can flick left or right to see other panels on your home screen.
- 2 Touch and hold the empty spot until you see a menu.
- 3 Touch **Application, Shortcut, or Native Tool**.
- 4 From the list, touch the app, shortcut, or tool you want.


Add widgets

- 1 Find an empty spot on your home screen where you want to add a widget. You can flick left or right to see other panels on your home screen.
- 2 Touch and hold the empty spot until you see the a menu.
- 3 Touch **Remote widget**.
- 4 From the list, touch the widget you want.

Profiles

For incoming calls and other events, use profiles to set ringstyles and volume settings.

Find it: Home  >  **Settings** > **Profiles**

You can select from the profiles listed profiles. To edit a profile just touch it. To create a new profile, press Menu  > **New**.

Sounds

To choose your ringtone and volume press Home  >  **Settings** > **Sound settings** > **Ringtone** or **Volume**.

Display settings

To set your display brightness and screen timeout press Home  >  **Settings** > **Display settings** > **Brightness** or **Screen timeout**.

Date & time

Set date, time, time zone, and formats:

Find it: Home  >  **Settings** > **Date & Time settings**

Language & region

Set your menu language and region:

Find it: Home  >  **Settings** > **Language and input** > **Select Language**


Photos & videos

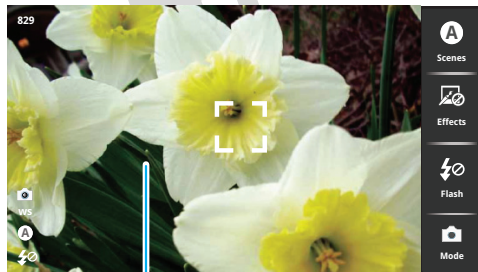
see it, capture it, share it!

Photos


Take & share photos

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

Find it: Press Camera 



Touch screen to show photo options.

To take the photo, press Camera .

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

When you see “Touch image for more options” touch the screen, then touch **Share** or **Delete**.

In the viewfinder touch Menu  > **Gallery**, then touch a photo.





- To **set** the photo as a wallpaper, touch Menu  > **Wallpaper**.
- To **send** the photo in a message, touch Menu  > **Share**. For more info on sharing your photos, see “Share your photo gallery” on page 22.
- To **delete** the photo and return to the previous photo, touch Menu  > **Delete**.
- To **show** photo details, touch Menu  > **Properties**.

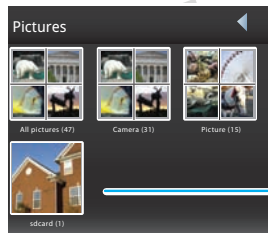
Photo options

In the viewfinder, touch the screen to see options:

| options | |
|----------------|--|
| Scenes | Set to Auto , Portrait , Landscape , or Night Portrait . |
| Effects | Set to Normal , GrayScale , Sepia , or Negative . |
| Flash | Turn flash on or off. |
| Mode | Set to Camera , Camcorder , or Auto Timer . |

View your photos




Find it: Home  >  **Pictures**



Categories

Touch a category to open.


Play a slideshow

Press Home  >  **Pictures**, 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: Home  >  **Pictures**

To send your photo in a message:

- 1 Touch a category, then touch a photo. Touch Menu  > **Share**.
- 2 Choose how you want to share—like **Mail**, **Messaging** or **Bluetooth**.

Manage your photos

Find it: Home  >  **Pictures** > *category*


Touch and a photo, then touch Menu :

- To delete the photo, touch **Delete**.
- To set the photo as wallpaper, touch **Wallpaper**.
- To view details, touch **Properties**.
- To set your photo order list, touch **Settings** > **Sort order**.

Tip: To copy photos from your phone to a computer, go to “USB drag & drop” on page 35.

Edit your photos

Find it: Home  >  **Pictures** > *category* > *photo*

To crop a photo, touch Menu  > **Crop**, stretch and drag the crop square to the size you want, then touch the crop save icon.

To rotate a photo, touch Menu  > **Rotate**.

Videos

Record & share videos

Find it: Home  >  **Camcorder**




Touch screen to show video options.

Tip: To send your video in a message, set the video quality to **Small (QVGA)**: Touch Menu  >  **Settings** > **Video Resolution**.

To record a video, press Camera . To stop the video recording, press Camera  again.

When you see “Touch video for more options” touch the screen, then touch  to play, **Share**, or **Delete**.

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

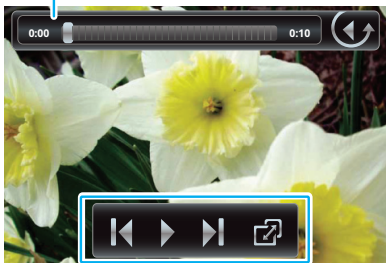
To **play** the video, touch the thumbnail.

To **delete** the video, touch Menu  > **Delete**.

Play your videos

Find it: Home  >  **Videos** > *video*

Progress Bar




Video Controls

Manage your videos

Find it: Home  >  **Videos**

To delete a video, touch Menu  > **Delete**.

To set your video order by name, touch Menu  > **Sort by name**.

Business tools

make work easier

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

Select apps

Scroll to and touch the app you want to use.

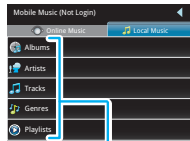
Music

when music is what you need...

Quick start: Music

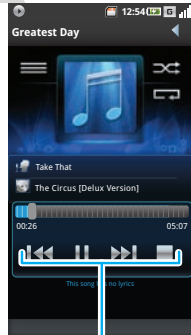
Touch, touch, play—instant music. Just open your music library, then select what you want to play.

Find it: Home  >  **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 **Set 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 (122 MB) or your memory card. Your phone supports removable microSD memory cards up to 16 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, press Home  >  **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 32).

Get music

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

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

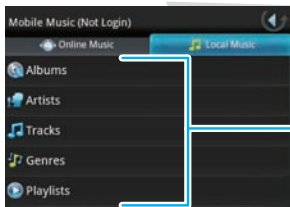
- 4 Drag and drop your music to a folder on your memory card.
Tip: To help manage your music, create a “Music” folder on your memory card.
- 5 When you’re done, use the “Safely Remove Hardware” feature to finish.

Play music

Music library

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

Find it: Home  >  **Mobile Music**

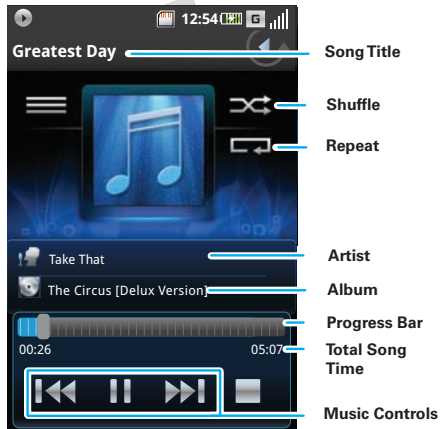


Categories
Touch to list songs or playlists.




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  . |
| fast forward/rewind | Touch and hold  . |

| | |
|------------------------|--|
| controls | |
| shuffle | Touch  . |
| repeat | Touch  . |
| volume | Press the side volume keys. |
| add to playlist | Touch Menu  > Add to . |
| use as ringtone | Touch Menu  > Set ringtone . |


Hide, wake, turn off


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

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

To turn off your music, touch .

Playlists

To add a song from the music library to a playlist, touch and hold the song then touch **Add to playlist**. Choose an existing playlist. From the music library you can create new playlists, touch **Playlists** > Menu  > **Create**.

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.

Quick start: Radio

Listen to news and music anywhere, for free.

Find it: Home  > **FM Radio**




Change Frequency

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

Channel Presets

Touch to go to channel.

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

To change volume, touch 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....**

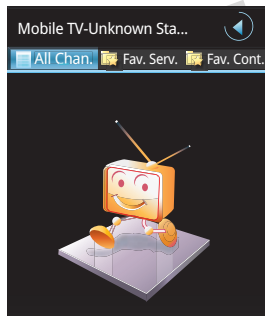
Mobile TV


watch TV anywhere

watch programs

Find it: Home  >  **Mobile TV**

No need to worry about missing your favorite programs, watch TV when and where you want.



To change channels, touch Menu  > **Service Manager**.

To change volume, press the side volume keys.

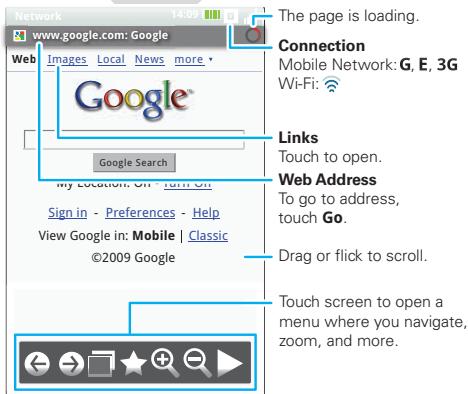
To close touch Menu  > **Exit**.

Web

you don't need a computer, surf the web with your phone

Quick start: Browser

Find it: Home  >  **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.

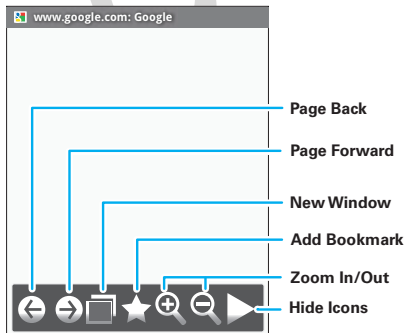
Note: This phone supports data-intensive apps and services. It is strongly recommended that you purchase a data plan that meets your needs. Contact your service provider for details.

To use a wireless network, press Home  >  **Settings** > **Wireless Lan Settings**. 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 34.

Web touch tips

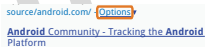
Zoom & navigate

In Web pages, when you scroll (drag or flick), icons appear at the bottom of your screen.




Select links

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



Browser options

Touch Menu  to see browser options:

| options | |
|------------------|--|
| Refresh | Reloads the current page. |
| Home page | Set as your home page. |
| Bookmarks | Manage your bookmarks. |
| History | View your history. |
| Copy text | Lets you copy text to clipboard. |
| Downloads | View your download history. |
| Settings | Shows more browser options, such as Set text size . |
| More | Shows More actions and Exit . |

Download apps



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.

Note: Downloaded apps are stored in your phone memory.

- 1 If you want to download apps from any Web page, press Home  >  **Browser** >  > **Settings** > **Show security warnings**.

- 2 To launch the browser, press Home  >  **Browser**.
- 3 Find the app you want to download and touch the download link.

Manage your downloads

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

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

Apps for all

got 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 31). China mobile provides you with access to **Mobile Market, Fetion, 139Mail, Monternet, DCD, Mobile Stock, Navigation, Media Share**, and much more.

Select apps

Scroll to and touch the app you want to use.

Manage apps

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

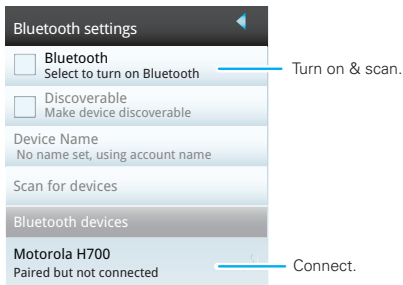
Touch an app in the list, then touch **Uninstall** (for apps you downloaded), **Clear data**, or other options.

Bluetooth™ wireless

lose the wires and go wireless

Quick start: Bluetooth wireless

Find it: Home  >  **Settings** > **Bluetooth settings**



Turn Bluetooth power on or off

Find it: Home  >  **Settings** > **Bluetooth**

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





Connect new devices

Note: This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, see “Reconnect devices” on page 33.

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

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

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

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

Reconnect devices

To automatically reconnect your 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.

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 **OK** to disconnect.

Edit properties

Press Home  >  **Settings** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

Wi-Fi™

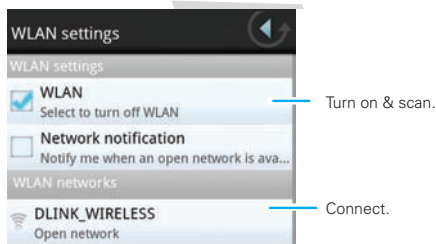
home, office, or hotspot

Quick start: Wi-Fi

Find it: Home  >  **Settings** > **Wireless Lan 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: Home  >  **Settings** > **Wireless Lan Settings** > **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: Home  >  **Settings** > **Wireless Lan 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.

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 Device”, 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: Home  >  **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  > **More** to **Bluetooth transfer**, and more.

Remove or format your memory card

Before you remove or format your memory card, you need to unmount it. Press Home  >  **Settings** >

Storage information >

Unmount/Reject storage card.

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

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

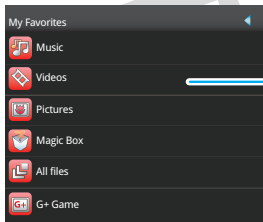
Tools

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: Home  >  **My Favorites**



Categories

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

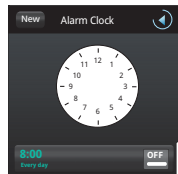
Alarm

Find it: Home  >  **Alarm Clock**

To turn on an alarm, touch **OFF**.

When an alarm sounds, touch **Dismiss** to turn it off or **Snooze** to delay.

To add an alarm, touch **New**, then enter alarm details.




Calculator

Find it: Home  >  **Calculator**

Sound recorder


Find it: Home  >  **Recorder**

To record, touch . To stop the recording, touch , then touch **Save** or **Discard**.


To play the recording, touch .

Calendar

Find it: Home  >  **Calendar**

Your calendar events can be viewed in different ways: Touch Menu  > **Switch View**. When you highlight an event in the day and week views, more details appear.

Add calendar events

From any calendar view, touch **New** and enter event details, then touch Menu  > **Save**.

Manage calendar events

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

To delete an event, touch and hold 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  > **Airplane mode**.

Update my phone

To keep your phone current, software updates may be available. Press Home  >  **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.

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

Synchronize with Backup


Find it: Home  >  **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 Menu  > **To Storage Card**.
- 3 Enter your backup name.

Restore your data from your memory card.

Warning: The data on your phone will be overwritten.

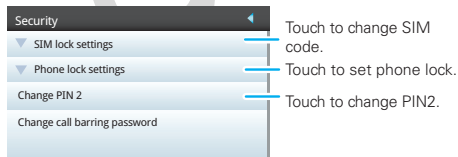
- 1 Touch **Restore** > *backup name*.
- 2 Touch what you want to restore, such as, **Contacts in phone, SMS in phone, MMS in phone, Settings**, and more.
- 3 Touch Menu  > **Restore**.

Security



help keep your phone safe

Quick start: Security

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





Screen timeout

Set your phone to display a timeout screen, and prevent accidental screen touches or key presses. Press Home  >  **Settings** > **Display settings** > **Screen timeout**. You can also set a phone lock to prevent others from using your phone.

To set your phone lock, press Home  >  **Settings** > **Security** > **Phone lock settings** > **Phone lock**.

Note: You can make emergency calls on a locked phone ("Emergency calls" on page 11). A locked phone still rings, **but you need to unlock it to answer**.



Passcode lock



To set the passcode, press Home  >  **Settings** > **Security** > **Phone lock settings** > **Phone lock**.

Enter a passcode, then touch **OK**.




When prompted, enter the passcode to unlock the phone.

Personalize your timeout screen


To change your timeout, press Home  >  **Settings** > **Display settings** > **Screen timeout**. If you don't touch the screen or press any keys for this amount of time, the screen locks automatically. To unlock, see "Lock & unlock" on page 39.

To lock when flip is closed, press Home  >  **Settings** > **Display settings** > **Autolock when flip close**.

Lock & unlock

To lock the screen/phone, press Power  or press Home  >  **Settings** > **Security** > **Phone lock settings** > **Lock now**.

To unlock the phone:



- Switch the phone on to display the passcode screen. Enter your passcode and touch **Unlock**
- Touch Menu  to display the passcode screen. Enter your passcode and touch **Unlock**.

Forgot your passcode?

If you forget your passcode you will need to reset your phone to its initial factory settings, see "Reset" on page 40.

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), press Home  >  **Settings** > **Security** > **SIM lock settings** > **Lock SIM**. 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, see "PUK code" on page 40.

Change SIM PIN

To change your SIM PIN, press Home  >  **Settings** > **Security** > **SIM lock settings** > **Change PIN2**.

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, press Home  >  **Settings** > **Master clear & reset** > **Master reset**.

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

To erase all the data on your phone, press Home  >  **Settings** > **Master clear & reset** > **Master clear**.

Warning: All data on your phone will be deleted.

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, 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).

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 phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the phone 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 battery near a heat source.** Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
- Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- Avoid leaving your phone in your car in high temperatures.*

DOs

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

* **Note:** If the product guide expressly states that your **phone** is designed to resist damage from exposure to certain rugged conditions, such as water immersion, rain, dust, high and low temperatures, shock, or other conditions, do **not** exceed the stated limits, and ensure the stated precautions are taken. 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 id 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 retry charging it;
- If the message remains, contact a Motorola authorized service center.

Important: Motorola's warranty does not cover damage to the phone 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.rbr.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 phone's battery:

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

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 0.117 W/kg, and when worn on the body, as described in this guide, is 0.93 W/kg. The SAR value for this mobile device in its data transmission mode (body-worn use) is 0.306 W/kg. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product. While there may be differences between the SAR levels of various mobile devices and at various positions, they meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

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

<http://www.phonefacts.net>

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

<http://www.cwta.ca>

European Union Directives Conformance Statement



[Only Indoor Use
Allowed In France]

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

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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, 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 press Home  >  **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.

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 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.

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

Motorola strives to provide complete and accurate mapping information, directions, and other navigational data, using a combination of governmental and private location information sources. These sources 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.

Safety & General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.

Exposure to Radio Frequency (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.

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.

Product Operation

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.

Driving Precautions

Using a mobile device while driving may cause distraction. End a call if you can't concentrate on driving. Input information about your destination and route prior to your drive. Do not input data or engage in text messaging while driving. Keep your eyes on the road while driving. Listen to the audible turn-by-turn directions, if available.

Also, 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.

Responsible driving practices can be found at www.motorola.com/callsmart (in English only).

Operational Warnings

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







Potentially Explosive Atmospheres

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

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

Symbol Key

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

| Symbol | Definition |
|---|--|
|  | Important safety information follows. |
|  | Do not dispose of your battery or mobile device in a fire. |
|  | Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information. |
|  | Do not throw your battery or mobile device in the trash. |
|  | Do not let your battery, charger, or mobile device get wet. |
|  | Listening at full volume to music or voice through a headset may damage your hearing. |

Batteries & Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see "Battery Use & Safety."

Keep Your Mobile Device & 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.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video 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 video 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]

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.

Use & Care



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

liquids of any kind

Don't expose your mobile device to water, rain, extreme humidity, sweat, or other moisture. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the mobile device.



extreme heat or cold

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



microwaves

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



dust and dirt

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



cleaning solutions

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



shock and vibration

Don't drop your mobile device.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, 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 | All Products, Accessories, and Software: 1-800-331-6456 |
| Canada | All Products: 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.

Information from the World Health Organization

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

Source: WHO Fact Sheet 193

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

Caring for the Environment by Recycling

This symbol on a Motorola product means the product should not be disposed of with household waste.



Disposal of your Mobile Device & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. Do not dispose of your battery or mobile device 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



Disposal of your Mobile Device Packaging & Product Guide

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.

PRC Markings

The disclosure table and symbols below are provided in accordance with Section 5 & 6 of the People's Republic of China's "Electronic Industry Marking Standard for

Control of Pollution Caused by Electronic Information Products.” The disclosure table and symbols shown below cover the electronic information product (EIP) supplied.

| 部件名称 | 有毒有害物质或元素 | | | | | |
|---|-----------|--------|--------|------------|------------|--------------|
| | 铅 (Pb) | 汞 (Hg) | 镉 (Cd) | 六价铬 (Cr6+) | 多溴联苯 (PBB) | 多溴二苯醚 (PBDE) |
| o: 表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T 11363-2006 标准规定的限量要求以下。 | | | | | | |
| x: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363-2006 标准规定的限量要求。 | | | | | | |
| Cellular Phone | x | o | o | o | o | o |
| Battery | x | o | o | o | o | o |
| Accessories | x | o | o | o | o | o |

The two symbols shown below indicate the product is recyclable and the number denotes the Environmental Friendly Use Period for the EIP indicated above it.

Cellular Phone & Accessories
(except batteries)

Battery



The symbol shown below indicates the product is recyclable and contains no hazardous material.



Privacy & Data Security

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

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
 - **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
 - **Secure personal information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.
Note: For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support
 - **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).
 - **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.

Smart Practices While Driving

Drive Safe, Call Smart

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. 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 and redial.** 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).

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

www.hellomoto.com

1-800-331-6456 (United States)

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

1-800-461-4575 (Canada)

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. 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.

Bluetooth ID: _____

Manual Number: 68XXXX390-A

www.motorola.com

