

APPLICANT MOTOROLA INC.

FCC ID: IHDP56KX1

INSTRUCTION MANUAL

A representative version of the user's manual follows:



MOTO™ MT710

User's Guide

Congratulations

MOTOROLA MT710

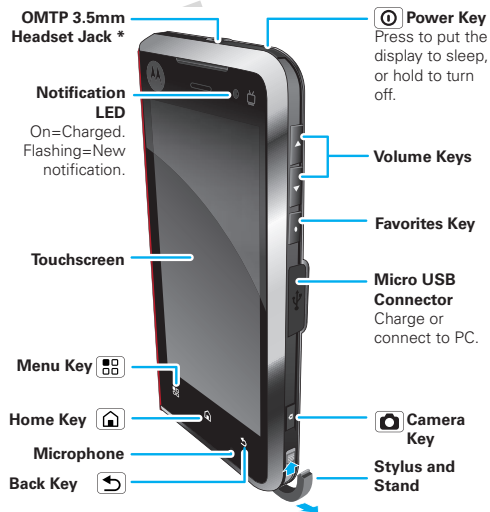
The MOTOROLA **MT710** lets you multi-task, so you spend less time managing your life and more time living it.

- Don't miss your favorite program, watch TV when and where you want ("Mobile TV" on page 28).
- Surf the Internet, to your heart's content ("Web" on page 29).
- Enjoy yourself with powerful features, such as, **Fetion**, **139Mail**, **Monternet**, **DCD**, and **Mobile Stock** ("Apps for all" on page 31).
- Instant access to messages, email, and IM.
- Back up all your information and relax ("Synchronize" on page 36).

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

Your phone

the important keys & connectors



* If you use a wired headset with built-in microphone, you'll need to use an OMTP (*Open Mobile Terminal Platform*) compliant headset such as the Motorola SJYN0182A. Look for the OMTP logo shown here, or go to www.motorola.com/wired for additional information.

contents

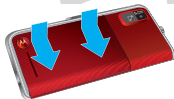
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Let's go

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: Please read the battery use and safety text at the back of this guide.

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 tap **Power off** in the menu that opens.

Tip: When charging, press and hold Power  to exit charging mode.



Wi-Fi connect

If you want to use a Wi-Fi network for even faster Internet access, press Home  >  **Settings** > **WLAN settings**. Tap **WLAN** to turn on, search for and connect to wireless networks. There's more in "Wi-Fi" on page 33.

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 with "Web" on page 29. Your phone comes with 512 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 34.

Security

There are plenty of ways to protect your phone and your information, in "Security" on page 38.

Stylus & stand

Slide the stylus out and use to tap the touchscreen. Turn the phone on its side (red edge down), then insert the stylus and place on your desk, to watch mobile TV or a slideshow of your photos.




Touchscreen & keys

a few essentials

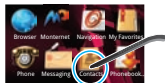
Touch tips

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


Tap

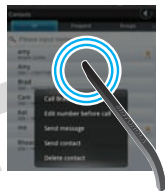
To choose an icon or option, *Tap* it. Try it: In the home screen, tap  **Contacts**.

Tip: You can use your finger to tap the touchscreen.




Tap & hold

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

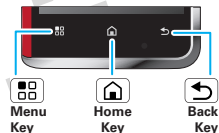
To scroll through a list or move quickly, *flick* across the touchscreen (drag quickly and release).


Tip: When you flick a long list, tap 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 tap an app to open it.

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


Sleep & wake up

To save your battery, prevent accidental taps, 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.

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**, **Vibration mode**, **Silence 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).




Spin the screen

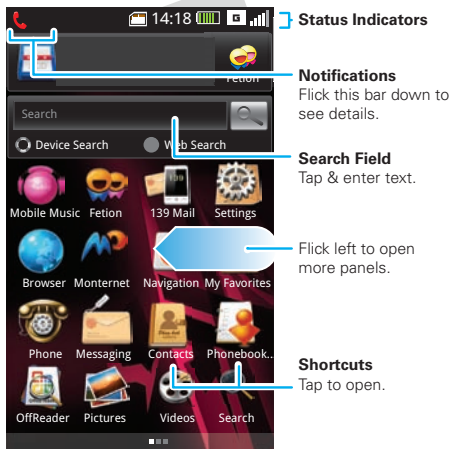
The touchscreen can turn to stay right-side up when you rotate your phone.

Home screen

quick access to the things you need most

Quick start: Home screen

The *home screen* displays status and notification information and application shortcuts. It's what you see when you turn on the phone or press Home  from a menu. It's basically like this:





Use & change your home screen


On your home screen, *shortcuts* open your favorite apps, Web bookmarks, contacts, mail labels, or music playlists.

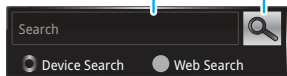
Click the home screen left to open other *panels* of shortcuts.

Tip: You can also tap the number at the bottom of the screen and then tap the panel.

- To **open** something, tap it. Press Home  to return to the home screen.
You can find details about the settings for **Messages** ("Set up messaging" on page 15) or **Mobile Music** ("Music" on page 23).
- To **add** something, tap and hold an empty spot until you see the **Add to home** menu. You can add applications, shortcuts, tools or widgets.
- To change your **wallpaper**, press Menu  > **Wallpaper**.
- To **move** or **delete** something, tap and hold it until you feel a vibration, then drag it to another spot, another panel, or into the trash.

Search

To search, tap .



















Type, then tap the icon for a text search.

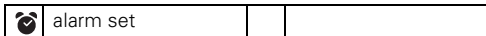
Tip: Tap **Device Search** or **Web Search** to define where to search.

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:



	Bluetooth™ active		network (full signal)
	GPS active		network (roaming)
	Wi-Fi active		GPRS (fast data)
	downloading		EDGE (faster data)
	vibrate		3G (fastest data)
	silent		airplane mode
	mute call		battery (charging)
	speakerphone active		battery (full charge)





Moto home

Find it: Home  >  **Settings** > **Display settings** > **Home settings** > **Moto Home**

Moto home gives you a different home screen where all of your apps are shown (tap the up arrow).



Note: Your main menu will vary.

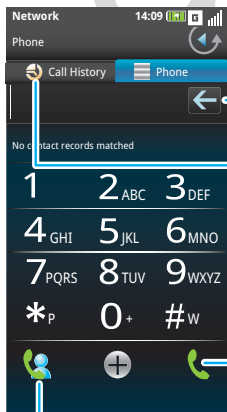
To return to the standard home screen press Home  >  **Settings** > **Display settings** > **Flord Home**.

Calls

it's good to talk

Quick start: Calls

Find it:  **Phone**



Delete

Tap to delete a digit you entered.

Call History

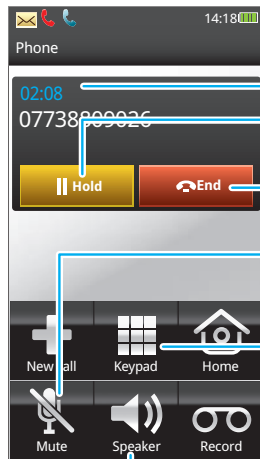
Tap to open, then tap an entry to call.

Call

Enter a phone number, then tap here to call it.

Video Call

In-call options



Call Timer

Hold Call

Tap to hold call.

End Call

Tap to hang up.

Mute

Tap to mute or unmute the call.

Keypad

Tap to open a dial pad, to enter numbers during a call.

Speakerphone

Tap to turn the speakerphone on or off.

During a call, tap **New call**, **Keypad**, **Home**, **Mute**, **Speaker** or **Record**, or to wake up the touchscreen if it's dark.

Tip: You can press Home  or Back  to hide the active call display. To reopen it, tap  **Phone**.

Make & answer calls

To make a call, tap  **Phone**, enter a number, then tap .

Tip: To enter the international dialing code, tap and hold #.

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

Tip: 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 taps. When you move your phone away from your ear, the display lights up again.

End calls

To end a call, tap **End**. Tap **Reject** to cancel an incoming call.

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



Video calls

If you call someone who has a 3G video phone, you can see each other while you talk. If your phone is roaming on a non-3G network, video calls will not work.

To make a video call, tap  **Phone**, enter a number, then tap . To end a video call, tap **End**.

Speed dial


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

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

During a call:

- To use the speakerphone, tap **Speaker**.
- To use a Bluetooth™ device, press Menu  > **Use Bluetooth**.

Mute & hold

During a call:



- To mute the current call, tap **Mute**.
- To put a call on hold, tap **Hold**.

Enter numbers during a call

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

Recent calls

Find it: Phone > Call History

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


Conference calls

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

Your phone number



Find it: Home  > Settings  > Call settings > My SIM 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 Tap Phone  (if your phone is locked, tap **Emergency Call**).
- 2 Enter the emergency number.
- 3 Tap  to call the emergency number.

Note: Your mobile device can use AGPS satellite signals to help emergency services find you (“GPS & AGPS” on page 43).

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 tapping **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, tap **FDN is disabled**.
- To add or delete the allowed numbers, tap **Manage FDN list**.

Contacts

contacts like you've never had before

Quick start: Contacts

Find it:  **Contacts**




Group

Tap to choose which group to show.

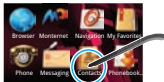
Contacts List

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

Tip: To search the list, tap  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, tap  **Contacts**, then press Menu  > **More** > **Copy to phone**.



Call, text, or email contacts

Find it:  **Contacts**

For **Call**, **Edit number before call**, **Send message**, **Email**, **Send contact**, or other options, tap and hold the contact.

View & use contacts

Find it:  **Contacts**

- To filter the contacts by group (**All**, **Frequent**, **Groups**, and so on) tap the filter name at the top.
- To find a contact, just type the name.

Tap a contact to open their details. To start a call or message, just tap their phone number or other info.


Combine contacts (Phonebook Manager)

Find it:  **Phonebook**

To backup and restore your contact entries online.

Edit or delete contacts

Find it:  **Contacts**

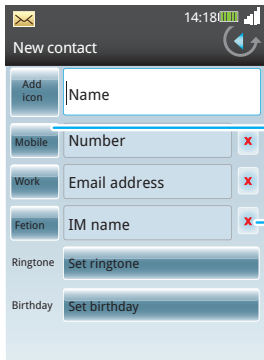
Tap the contact, then press Menu  > **Edit contact** or **Delete contact**. You can set a ringer, address, and other details.

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:  **Contacts** > Menu  > **New**

Tap a field to type name and details.



The screenshot shows the 'New contact' screen with the following fields:

- Name: A text input field.
- Number: A text input field with a red 'x' icon to its right.
- Work: A text input field with a red 'x' icon to its right.
- Fetion: A text input field with a red 'x' icon to its right.
- Ringtone: A button labeled 'Set ringtone'.
- Birthday: A button labeled 'Set birthday'.

Annotations:

- A blue line points from the text 'Tap **Mobile** to choose a different type for this entry.' to the 'Number' field.
- A blue line points from the text 'Tap **x** to remove this entry.' to the red 'x' icon next to the 'Fetion' field.

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

Tap **x** to remove this entry.

When you're finished, press **Done**.


Where are contacts saved? Your phone saves new contacts in its memory.

Synchronize contacts

When you change one of your **Contacts**, you can synchronize your contacts, see "Synchronize with Backup" on page 36.

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**, press **Groups** > Menu  > **New group**. Enter a group name, then tap **Add** to add members.

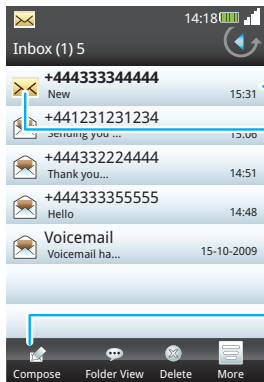
To show only one group in your **Contacts**, tap **Groups** at the top of your screen and choose the group name.

Messaging





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


Quick start: Messaging


Find it:  **Messaging > Inbox**



Message List
Tap to open a message. Tap & hold to move, delete, and more.

Message Status
Icons indicate a message:
 unread
 read
 urgent
 attachment

Compose Message
Press  > **Compose** to create a new message.

Tip: To switch between folder and message view tap Menu  > **Folder view** or **Message view**. To see more messages, flick or drag up.

Read & reply to messages

Every text or 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 > Inbox**

- To open a message, tap it.
- To respond to a message, just open it and press Menu  > **Reply**. Type your response in the text box and tap **Send**.
- To open options, press Menu .


For email, tap  **Messaging > Menu**  > **More > Enter Mail**.

Create messages

Find it:  **Messaging > Menu**  > **Compose**

Choose a message type, then enter the recipient and message. In text messages and emails, press 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 tap .

When you receive a message with an attachment, open the message and tap the file name to download it. Then, tap 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 33.

Set up messaging

To add email accounts, press **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  > **More** > **Mail** > **Others**:

- **Login Settings** to change your user name or password.
- **Incoming Settings** to set your server, port, and more.
- **Outgoing Settings** to set your server and port.





Instant messages

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

- To use the instant messaging app, press Home  >  **Fetion**.
- You can use your Web browser. Press Home  >  **Browser** > Menu  >  **Settings**, then enter your provider's Web site and tap **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 from your computer, go to www.android.com/market.

Voicemail

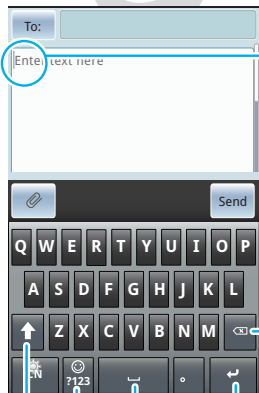
When you have a new voicemail,  shows at the top of your screen. To hear the voicemail, tap  **Phone**, then tap and hold your voicemail number. To set your voicemail number, in the home screen press Home  >  **Settings** > **Call settings** > **Voice mail**.

Text entry

think keyboard, now think smaller

Touchscreen keypad

To open a display keypad by tap a text field. To close the keypad, press Back .



Text Entry

Tap to open the touchscreen keypad.

Shift

Symbols/Numbers

Tap to open a keypad for symbols and numbers.

Delete

Return

Space

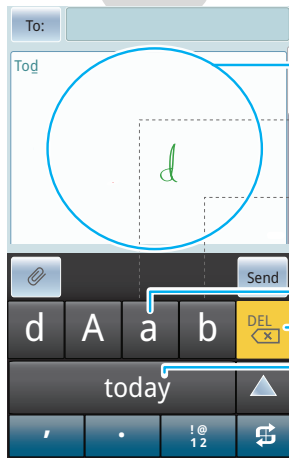
Full screen handwriting

Find it: Home  >  **Settings**

> **Language and input** > **Enable favorite input method**

> **Full screen smart handwriting**

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



Text Entry

Tap & write your text.

Letter Prediction

Delete

Word Prediction

More Words

Change Input Method

Numbers

Tap for numbers.

Text entry settings

Find it: Home  >  **Settings**

> **Language and input** > **Enable favorite input method**

To change your text entry settings tap














Default input method or

Full screen smart handwriting.


When you use the touchscreen keypad, your phone suggests words from your dictionary and chosen language.

Tips & tricks

a few handy hints

To...	
Return to the home screen	Press Home  .
See recently dialed numbers	Tap  Phone > Call History.
Set lock screen	Press Home  >  Settings > Display settings > Screen lock settings.
Search	Press Search  .
Show last few apps used	Press and hold Home  .
Turn airplane mode on/off	Press and hold Power  > Airplane mode.
Turn Bluetooth™ on/off	Press Home  >  Settings > Bluetooth.
Turn Wi-Fi on/off	Press Home  >  Settings > WLAN.
Turn GPS on/off	Press Home  >  Settings > My location > Assisted GPS.

To...

Zoom in to select a link on a web page Press  > link.

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 to open other panels on your home screen.
- 2 Tap and hold the empty spot until you see the **Application, Shortcut, or Native Tool** menu.
- 3 Tap **Application, Shortcut, or Native Tool**.
- 4 From the list, tap 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 to open other panels on your home screen.
- 2 Tap and hold the empty spot until you see the **Application, Shortcut, or Native Tool** menu.
- 3 Tap **Shortcut > Widget**.
- 4 From the list, tap 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 **Normal mode**, **Vibrate mode**, **Silent mode**, **Outdoor mode** and **Airplane mode** profiles.

Sounds & ringtones

features

set volume

Home  >  **Settings** > **Profile** > *profile name*
> **Volume**

set ringtone

Home  >  **Settings** > **Profile** > *profile name*
> **Ringtone**

Display settings

features

set display brightness

Home  >  **Settings** > **Display settings**
> **Brightness**

set screen timeout

Home  >  **Settings** > **Display settings**
> **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

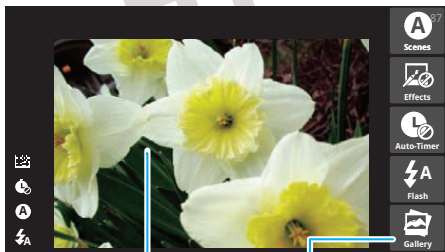
see it, capture it, share it!

Photos

Take & share photos

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

Find it: Press Camera 



Tap screen to show photo options.


Tap to show thumbnail view of your photos.

Note: **Picture Resolution** is 5MP, unless you change it.

To take the photo, press the Camera .

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

When you see “Touch image for more options” tap the screen, then tap **Take Picture, Enhance Photo, Beautify Face, Share,** and **Delete.**

In the viewfinder tap the screen, then tap **Gallery** to see a thumbnail view of your photos. Tap the thumbnail, then press Menu 

- To **set** the photo as a wallpaper, tap **More > Set wallpaper.**
- To **send** the photo in a message, tap **Share.** For more info on sharing your photos, see “Share your photo gallery” on page 21.
- To **delete** the photo and return to the viewfinder, tap **Delete.**
- To **show** photo details, tap **More > Properties.**

Photo options

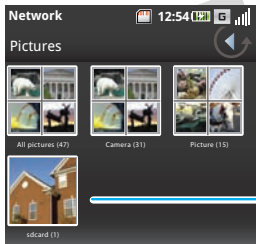
In the viewfinder, tap the screen to open the camera menu:

options	
Scenes	Set to Auto, Portrait, Landscape, or Night.
Effects	Set to Normal, Grayscale, Sepia, or Negative.
Auto-Timer	Set to Off, 3s, 5s, 10s, or Smile Shot.

options	
Flash	Set on or off.
Gallery	Open your picture gallery.

View your photos

Find it: Home  >  **Pictures**



Categories

Tap a category to open.

Play a slideshow

Press Home  >  **Pictures**, tap a category, then a photo. Press Menu  > **Slideshow** to start a slideshow. To stop the slideshow, tap the display. To return to the gallery, press Back .

Share your photo gallery

Find it: Home  >  **Pictures**

To send your photo in a message:

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

Manage your photos

Find it: Home  >  **Pictures** > *picture*


Tap and a photo, then press Menu :


- To delete the photo, press **More** > **Delete**.
- To set the photo as wallpaper, press **More** > **Set wallpaper**.
- To view details, press **More** > **Properties**.
- To set your photo order list, press Menu  > **More** > **Settings** > **Picture sort**.

Tip: To copy photos from your phone to a computer, go to “USB drag & drop” on page 34.

Edit your photos

Find it: Home  >  **Pictures** > *picture*

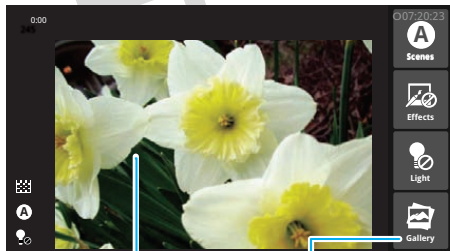
To crop a photo, press Menu  > **More** > **Crop**, stretch and drag the crop square to the size you want, then tap the crop save icon.

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

Videos



Record & share videos

Find it: Home  >  **Camcorder**




Tap screen to show video options.

Tap to show thumbnail view of your videos.

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

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

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

When you see “Touch image for more options” tap the screen, then tap  to play, **Take Video**, **Share**, and **Delete**.

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

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

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

Play your videos

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

Progress Bar



Video Controls

Share your video gallery

Find it: Home  >  **Videos**

To send your video in a message:


1 Tap and hold a video, then tap **Share**.

- 2 Choose how you want to share—like **Mail**, **Messaging** or **Bluetooth**.

Manage your videos

Find it: Home  >  **Videos**

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

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

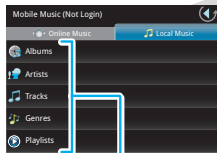
Music

when music is what you need...

Quick start: Music

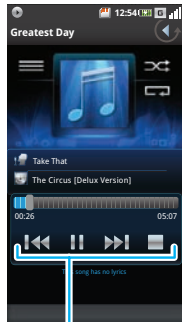
Tap, tap, play—instant music. Just open your music library, then select what you want to play.

Find it: Home  >  **Mobile Music**




Categories

Tap a category, then tap a song or playlist.



Music Controls

Tip: When a song is playing, you can add it to a playlist or set as your ringtone by pressing 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 or Apple™ Macintosh™.
- A USB data cable.

Do I need a memory card?

Your music can be stored on phone's internal memory (512 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 2.

Tip: To see the available memory on your phone and memory card, press 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?

Your phone has a OMTP 3.5mm headset jack for wired stereo listening. You can go wireless with Bluetooth™ stereo headphones or speakers (see "Bluetooth™ wireless" on page 32).

Note: If you want to use a wired headset, make sure it is OMTP 3.5mm.

Get music

Rip a CD

Not literally. If you're new to digital music transfer, this means transferring music from a music CD to your computer.

To rip a music CD on your computer, you can use Microsoft™ Windows™ Media Player. You can download Windows Media Player from www.microsoft.com.

- 1 On your computer, open Windows Media Player.
- 2 Insert a music CD into the computer's CD ROM drive.

Note: Make sure you change the format to MP3 in "Rip > Format > Rip Settings".

- 3 In the Windows Media Player window, click on the "Rip" tab.


- 4 Highlight the songs you want to import, and click “Start Rip”.

The songs are imported to the Windows Media Player Library.

Transfer using Windows Media Player

Transfer music files from a computer to your memory card.

Note: Copyright—do you have the right? Always follow the rules (“Content Copyright” on page 43).

- 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, Windows Vista™, and Apple™ Macintosh™. Other operating systems may not be compatible.

- 2 Your phone shows a USB connection dialog. Tap **UMS mode**. You can’t use the files on your memory card while it is connected.
- 3 On your computer, open Windows Media Player.
- 4 On the “Sync” tab, select “More Options”: Under “Device”, select your phone.
- 5 Select “Properties”, check the “Create folder hierarchy on device” box, and click “OK”.

- 6 Drag your music files over to the “Sync List” and press “Start Sync”.

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, Windows Vista™, and Apple™ Macintosh™. Other operating systems may not be compatible.

- 2 Your phone shows a USB connection dialog. Tap **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.

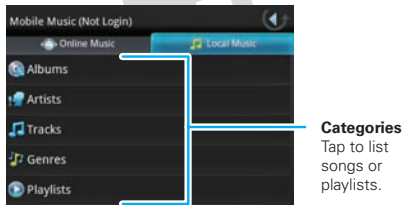
- 5 When you're done, use the "Safely Remove Hardware" feature to finish.

Play music

Music library

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

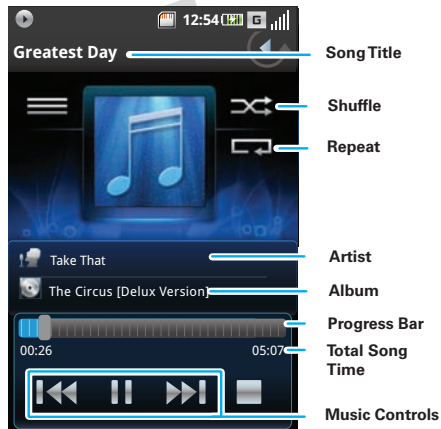
Find it: Home  >  **Mobile Music**






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






Music player

Just tap a song or playlist to get going.





Music player controls


controls	
play/pause/stop	Tap  .
previous/next	Tap  .
fast forward/rewind	Tap and hold  .

controls	
shuffle	Tap  .
repeat	Tap  .
volume	Press the side volume keys.
add to playlist	Press Menu  > Add to.
use as ringtone	Press Menu  > Set ringtone.
delete	Press Menu  > Delete.

Hide, wake, turn off


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

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

To turn off your music tap .

Playlists

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

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

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

FM radio

Listen to news and music anywhere, for free.


play stations

Find it: Home  > **FM radio**



- Change frequency**
Tap to scan up/down or to change by 0.1/-0.1.
- Channel Presets**
Tap to go to channel.

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

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

To exit radio, press Menu  > **Exit FM**.

use radio presets

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

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

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

To **clear** presets, tap the channel number, then press 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.

Placeholder for Mobile TV screen shot.

To change channels, press Menu  > **More** > **Scan**.

To change volume, press the side volume keys.

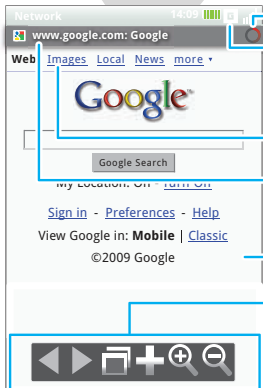
To close **Mobile TV**, press Menu  > **Exit Mobile TV**.

Web

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

Quick start: Browser

Find it: Home  >  **Browser**



The page is loading.

Connection

Over the air:
Mobile Network: **G, E, 3G**
Wi-Fi: 

Links

Tap to open.

Web Address

To go to a URL, press  > **Go**.

Drag or flick to scroll.



Tap screen to open a menu where you can go back and forward, display windows, add a bookmarks, and zoom in and out.

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.

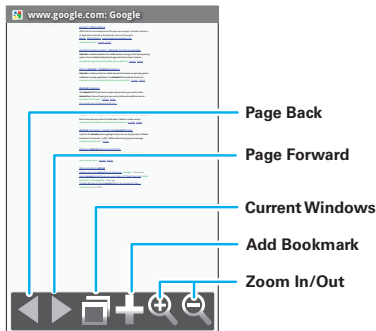
Note: Your service provider may charge to surf the Web or download data.

To use a wireless network, press Home  >  **Settings** > **WLAN settings**. Tap **WLAN** to turn it on and to search for nearby wireless networks. Tap a network to connect. There's more in "Wi-Fi" on page 33.

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 tap a link, your phone outlines it and then opens it.

application developer screen |
source/android.com/ **Options**
[Android Community - Tracking the Android Platform](#)

Browser options


Press Menu (☰) to see browser options:



options	
Go	Enter the Web address (URL) you want. Tip: Some sites are optimized for mobile phones, and they use an "m" in the URL instead of "www" (like m.youtube.com).
Refresh	Reloads the current page.
More	Shows browser options, like Bookmarks, History, Copy text, Downloads, and Settings.

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 Menu (☰) >  **Settings** > **Applications** > **Unknown sources.**

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

Manage your downloads

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

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

Apps for all

got the app you want

China mobile

Get all the fun games and cool apps you want! China mobile provides you with access to **Fetion**, **139Mail**, **Monternet**, **DCD**, **Mobile Stock**, and much more.

Select apps

Scroll to and tap the app you want to use.

Manage apps

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

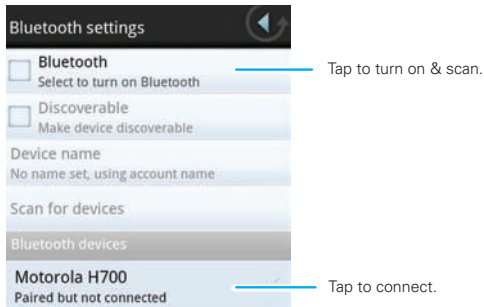
Tap an app in the list, then tap **Uninstall** (for apps you downloaded), **Clear data**, or other options.

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 32.

- 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 Tap **Bluetooth** to turn on and scan. If Bluetooth is already on, press Menu  **Scan devices**.
- 4 Tap a device to connect.
- 5 If necessary, tap **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, tap 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, tap the device name in the devices list, then press Menu  > **Disconnect**.

Edit properties

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

Wi-Fi

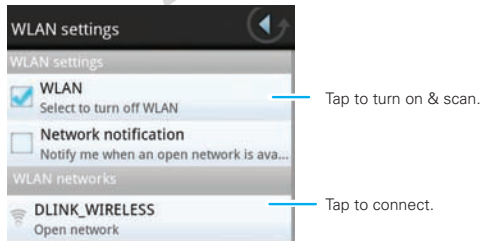
home, office, or hotspot

Quick start: Wi-Fi

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

- 1 Home  >  **Settings** > **WLAN settings**.
- 2 Tap **Wi-Fi** to turn on and scan. If Wi-Fi is already on, press Menu  > **Scan**. Your phone lists the networks it finds within range.

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

- 3 Tap a network to connect.
- 4 If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and tap **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.

- 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. Tap **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 2.

Manage files

Find it: Home  >  **File Manager**

Tap a file or folder to open. Press Menu  to create a **New folder**, **Sort by**, or show **Properties**. Press Menu  > **More** to **Copy**, **Cut**, **Delete**, **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, tap **Format SD card**.

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

Synchronize

keep up-to-date

Synchronize with Backup

Find it: Home  >  **Backup**

The Backup app on your phone, lets you copy your information (SMS, MMS, 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 Tap what you want to backup, such as, **Contacts in phone, SMS in phone, MMS in phone, Settings,** and more.


2 Press Menu  > **To Storage....**

3 Enter your backup name.

Restore your data from your memory card.

1 Tap **Restore > Storage Card > backup name.**

2 Tap what you want to restore, such as, **Contacts in phone, SMS in phone, MMS in phone, Settings,** and more.

3 Press Menu  > **Restore.**

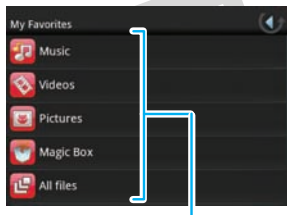
Tools

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 tap to open what you want.

Find it: Home  >  **My Favorites**



Categories


Tap a category, then tap a playlist, song, video, photo, or file.

Alarm


Find it: Home  >  **Alarm Clock**

To turn on an alarm, tap the **OFF** box.

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

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





To set a snooze period, tap the alarm, then press Menu  > **Snooze time**.


Calculator

Find it: Home  >  **Calculator**

Sound recorder


Find it: Home  >  **Sound Recorder**

To make your recording, tap . To stop the recording, tap , then tap **Save** or **Discard**.



To **play** the recording, tap .

Calendar


Find it: Home  >  **Calendar**

Your calendar events can be viewed in different ways: Press Menu  > **Day**, **Month**, or **Agenda**. When you highlight an event in the day and week views, more details appear.

Add calendar events

From any calendar view, press Menu  > **New event**. Enter event details and press Menu  > **Save**.

Manage calendar events

To edit an event, tap and hold it. Edit event details, then when you're done, press Menu  > **Save**.

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


To go to today or week view, press Menu  > **More** > **Today** or **Week**.



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.

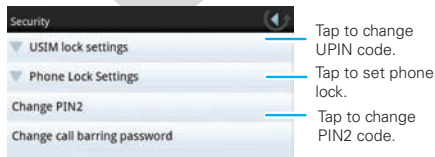
Security

help keep your phone safe



Quick start: Security

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

You have lots of ways to keep your phone safe.



Screen timeout

Set your phone to display a timeout screen, and prevent accidental 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 10). 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** > **Enable phone lock**.

Enter a passcode, then tap **OK**. Enter the passcode again to confirm it, and tap **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 tap the screen or press any keys for this amount of time, the screen locks automatically. To unlock, see "Lock & unlock" on page 39.


To change your lock screen picture, press Home  >  **Settings** > **Display settings** > **Screen lock settings**.

Lock & unlock

To lock the phone, press and hold 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 tap **OK**.



- Press Menu  to display the passcode screen. Enter your passcode and tap **OK**.

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** > **USIM lock settings** > **Change UPIN code**. 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 39.

Change SIM PIN

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

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 deleted.

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 taps and key presses, try a quick reset. Remove the back cover and battery ("Assemble & charge" on page 2), 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 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.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 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.



IMEI: 350034/40/394721/9



Type: MC2-41H14

Specific Absorption Rate Data

This model wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to 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 to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.¹ Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR

level of the phone while operating can be well below the maximum value. This is because the phone 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 phone model 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) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 0.39 W/kg, and when worn on the body, as described in this user guide, is 0.36 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).²

While there may be differences between the SAR levels of various phones and at various positions, they all 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.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TE 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.

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, 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 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.

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 while driving. Keep your eyes on the road while driving. Listen to the audible 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.

(Oct0109)

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 phone, please keep it away from:



liquids of any kind

Don't expose your phone 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 phone.



extreme heat or cold

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



microwaves

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



dust and dirt

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



cleaning solutions

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



shock and vibration

Don't drop your phone.

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 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.

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 MOTOBUR). 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.

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. The Bluetooth trademarks are owned by their proprietor and used by Motorola, Inc. under license. Microsoft, Windows, Windows Me, and Windows Vista are registered trademarks of Microsoft Corporation in the United States and other countries. Google, YouTube, Picasa, Gmail, and the Google logo are trademarks of Google, Inc. **WiFi** is a Certification Mark of the Wireless Fidelity Alliance, Inc. All other product or service names are the property of their respective owners.

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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: 68XXXX376-A
U.S. patent Re. 34,976

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www.motorola.com

