

APPLICANT MOTOROLA INC.

FCC ID: IHDP56KC1

INSTRUCTION MANUAL

A representative version of the user's manual follows:

Please note:

This draft documents features as they were available and functioning at the time of production.

Any screen captures are preliminary.


This draft uses an A7-size template, which is the page size we'll use for the Getting Started Guide.

Congratulations

Sholes

A premium browsing and messaging experience with the very latest from Google, all in the thinnest touch QWERTY slider around.

- **Browsing.** Get more of the Web, with a huge screen, plus full HTML and Flash. Search and find what you want faster with voice search and link your PC and mobile Google Life.
- **Organization.** Unify your work and personal life with unified calendar, email and contacts.
- **Maps, entertainment, and more.** The latest Google technology and apps. Google maps to find what you need. YouTube to stay entertained. Easy access to Google and thousands of other Android applications to expand your world.

Caution: Before using your phone for the first time, please read the important “Legal & Safety” on page 31. For full details, press Menu  > **Settings** > **About Phone** > **Legal information** > **Legal & Safety** from the home screen on your mobile device.

More information

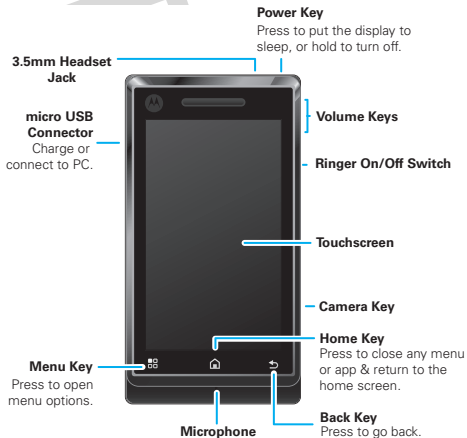
Our help doesn't stop here. Check out this guide to get you going. Then, if you want a little extra help or just want to see other cool things you can do, check out the help center:

On your phone—Press [placeholder text].

So, whether you want to read, watch, or play, we can help.

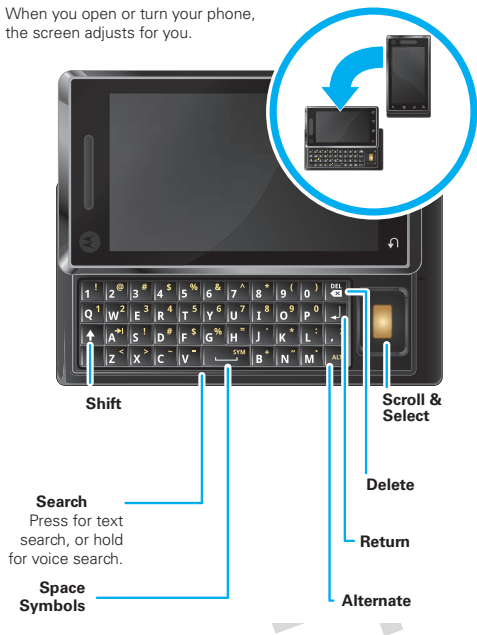
Your phone

the important keys & connectors



Tip: You can **Tap**, **Tap and hold**, **Drag**, and **Flick** to navigate the **Touchscreen**. You can also use the **Menu**, **Home** and **Back** keys. For more, see “Touchscreen & keys” on page 9.

When you open or turn your phone, the screen adjusts for you.



TOC to be developed

DRAFT

Let's go

let's get you up and running

Assemble & charge

- 1 cover off (if necessary)



- 2 SIM in



- 3 battery in



- 4 microSD in (already done)



- 5 cover on



- 6 charge up




Caution: Please read "Battery Use & Safety" on page 31.

6 Let's go

Turn it on & off

To turn on your phone, press and hold Power  (on top of the phone).



To turn off your phone, press and hold Power , then tap **Power down**.

Set up & go


The first time you turn on your phone you'll see a setup wizard. The wizard will guide you through signing in to your existing Google account. If you do not have a Google account, you can create one using the wizard.

Tip: Remember to write down your username and password and keep them in a safe place.

Make a call


To make a call, tap  **Dialer**, enter a number, then tap **Dial**.

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

During a call, press Menu  to **Use Bluetooth**, or to wake up the touchscreen if it's dark.

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

Wi-Fi connect

If you want to use a Wi-Fi computer network for even faster Internet access, press Menu  > **Settings** > **Wireless controls** > **Wi-Fi settings**. Tap **Wi-Fi** to search for and connect to wireless networks.

Cool content & more

Browse and download thousands of the coolest apps on the planet from Android. On top of that, you get a full HTML browser, so you can surf in style. Download new apps with “Android market” on page 17. Your phone comes with a microSD memory card installed—you can load it up with photos, videos, and music from your computer.

Phone basics

a few essentials

Touchscreen & keys

You have different ways to navigate around the home screen, menus, and app screens on your phone.


Tap

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

Tap & hold

To open special options, *tap and hold* an icon or other item. Try it: In the home screen, tap and hold a widget to show the options.

Drag

To scroll through a list or move slowly, *drag* across the touchscreen. Try it: in the home screen, touch  and drag up

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.

MyTouch

MyTouch gives you quick and easy access to your favorite apps. To open MyTouch, tap the screen with two fingers at the same time, or tap the MyTouch icon on the home screen.

On the MyTouch screen, draw a unique gesture to go to the corresponding destination. For example, draw a "G" to go to the Google home page.

To see which apps are already assigned to gestures, press Menu  from the MyTouch screen. You'll also see several gestures that are unassigned.





To assign an app to an unassigned gesture, press Menu  from the MyTouch screen, tap the unassigned gesture you want, then tap the app you want from the list.

Zoom


You can zoom in for a closer look when you view maps or web pages on your phone. To zoom in, *tap* the screen with two fingers and then slide them apart. To zoom out again, *drag* your fingers together.

Key tips

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, just press Menu , Home , or Back , or open the phone.




To change how long your phone waits before the screen goes to sleep automatically, press Menu  > **Settings** > **Sound & display** > **Screen timeout**.

Spin the screen

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

Find it: Menu  > **Settings** > **Sound & display** > **Orientation**

Home screen

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



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

left and right to see the left and right sides of the home screen.



Tip: Customize your home screen in “Make it your home” on page 25.

Widgets

In your home screen, *widgets* show you news, weather, and message updates.

To open a widget, tap it. To add or move widgets, press Menu  > **Manage widgets**.


Shortcuts

The shortcut icons at the bottom of your home screen are the first apps in your main menu.

To add shortcuts to the home screen, open the apps tray, then drag the app icon to the home screen.

Apps

The apps tray holds all the apps on your phone, including the apps that came with your phone and the ones you download and install from Android Market.

To open a the apps tray, touch  and drag up. To open an app, tap its icon.

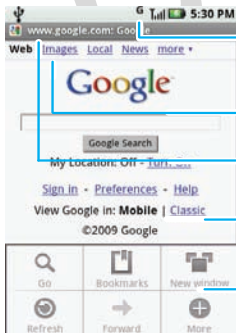
Phone status & notifications

At the top of the screen, icons tell you about messages and phone status. For details, flick down the row of icons.

Web

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

Find it: Home  >  **Browser**




Connection

Over the air:
E (EDGE), **G** (GPRS) or **3G**.
 - Wi-Fi.

Links

Tap to open.

Web Address

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

Drag or flick to scroll.


Press  to display options.

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.

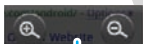
Note: Your service provider may charge to surf the Web or download data.

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

Web touch tips

Zoom & magnify

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



Zoom In/Out



Magnify

Tap to open a magnifying window that you can drag.



Select links

When you tap a link, your phone outlines it. If you tap and hold the link, your phone shows options like

Open in new window or **Bookmark link**.




Apps for all

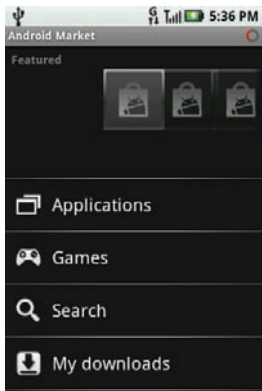
get the app you want

Android market

Find it: Home  >  **Market**

Get all the fun games and cool apps you want! Android Market provides you with access to software developers everywhere, so you can find the app you want. If you need help or have questions about Android Market, press Menu  > **Help**.

Browse & install apps




Categories
Tap to open.


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



Warning: If an app you are downloading requires access to your data or control of functions on your phone, you'll be asked to give your permission. After selecting **Install**, the app will download. After selecting **Buy**, you may be asked to sign in to an additional Google account. Sign in and select **Purchase now** to proceed. Follow the

on-screen instructions. To see the download progress, open the notifications window.

Manage & restore apps

To view downloads in progress, from your phone's home screen press Menu  > **My downloads**. Progress is shown at the top of the screen.

To view your downloaded apps, press Menu  > **My downloads**. Tap the app to open the details screen—from here you can review, uninstall and more.

To reinstall any downloaded items, press Home  >  **Market**. All previously installed apps are listed and available for download.

MOTOMarket

Browse & install apps

MOTOMarket provides you with fun games and cool applications. [Placeholder text].

Manage & restore apps

[Placeholder text].

Unified work & personal life

stay on top of things

Email, contacts & calendar accounts

[Placeholder text].

Includes Microsoft Exchange, Google email, Yahoo Mail and AOL push accounts...

Email

Setup an account


Find it: Home  > **Email**

The email setup wizard will guide you through setting up your email account.

Create a new email

Find it:  **Messaging** > **New message**

Enter the recipient email address and message, then tap **Send**.

Tip: Press Menu  for options like **Insert smiley** or **Attach**.

View in enhanced viewer

[Placeholder text].

Includes how to view email, screen shot of viewer...

Attachments viewer

[Placeholder text].

Includes how to view HTML & Word documents...

Shortcuts

- Tap & hold an email in your inbox to **View**, **Move** or **Delete**.
- [Placeholder text]
- [Placeholder text]


Install configuration profiles


[Placeholder text].


Calendar

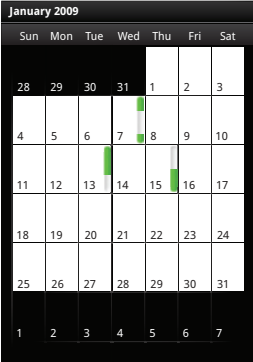
Find it: Home  >  **Calendar**

Your calendar events can be viewed in different ways:

Press Menu  > **Month, Agenda, Week, or Day**. When you highlight an event in the day and week views, more details appear.

The calendar on your phone can be synchronized with your Google Calendar. Press Home 


>  **CalendarSync** to manually sync your calendar.




January 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

Add calendar events

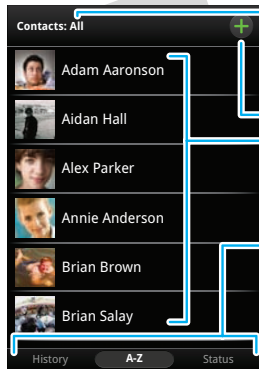
From any calendar view, press Menu  > **New event**. Enter event details and tap **Save**.

Manage calendar events


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

Contacts

contacts like you've never had before



Group

Press Menu  to choose which group to show (like All or Favorites).

Create Contacts

Contacts List

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

Views

Tap a list view, or flick the display right or left to show:

History - recently used










A-Z - list without status

Status - list with status

Tip: To search the list, just open your phone and 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.

Tips & tricks

a few handy hints (GSG)

To...	
close a menu or app & return to the home screen	Press Home  .
see recently dialed numbers	Press Home  >  Dialer > Call log .
turn ringer switch on/off	Slide ringer switch up (ringer on) or down (ringer off).
Google search	Press Menu  > Search .
turn sound on/off	Press and hold Power  > Silent mode .
go to the top/ bottom of a list (like Contacts)	Press Alternate  > Scroll  up/down.
scroll list up/down one screen	Press Shift  > Scroll  up/down.

Personalize

add your personal touch

Make it your home

Change your home screen to show what you want. Show widgets to keep in touch with friends, or get the latest news and weather. Its up to you!

Choose your widgets

Find it: Menu  > **Add** > **Widget**

Tap the widget to add it.

Move your widgets

To move a widget, tap and hold it, then drag the widget where you want it.

Change your shortcuts

The shortcut icons at the bottom of your home screen are the top apps in your app tray. To change these shortcuts, drag the menu icon from the main menu to the home screen. [Placeholder text].


Ringtones

Personalize your ringtones:

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




Tip: To change your ringtone to silent, slide the ringer off switch down.

Sounds & display settings

To set sounds and display settings such as media volume, keypad touch tones and the display orientation, press Menu  > **Settings** > **Sound & display**.

Quick launch shortcuts

To set keyboard shortcuts to launch your favorite app, press Menu  > **Settings** > **Applications** > **Quick launch** > **Assign application**.

To use a quick launch shortcut, press Search  and the assigned key, like Search  and  to launch the browser.


Date & time

Set date, time, time zone and formats:

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

Language & region

Set menu language and region:


Find it: Menu  > **Settings** > **Locale & text** > **Select locale**

Lock your phone



help keep your phone safe

Lock & unlock

To lock the screen/phone:

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

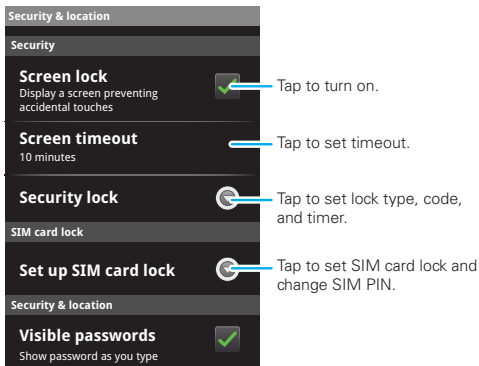
To unlock the screen/phone:

- Press Menu  or switch the phone on to display the lock screen.
- Press Menu  to unlock - if you've set a lock pattern or passcode, you'll be asked to enter it.

More lock options

Find it: Menu  > **Settings** > **Security & location**

You have lots of ways to keep your phone safe:




For more information about locking your screen or SIM, press [icon] to see the in-device Users Guide. Or view the Users Guide online at: www.motorola.com/

Emergency calls

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 or the SIM card is not inserted.

Note: Check with your service provider, as emergency numbers vary by country. Your phone may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues. Do not solely rely on your wireless phone for essential communications, such as medical emergencies.

- 1 Tap  **Dialer** (if your phone is locked, tap **Emergency Call**).
- 2 Enter the emergency number.
- 3 Tap **Dial** to call the emergency number.


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 6), then replace and switch your phone on as usual.

Reset

To reset your phone to factory settings and erase all the data on your phone, press Menu  > **Settings** > **SD card & phone storage** > **Factory data reset** > **Reset phone**.

Warning: All data on your phone will be deleted.

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 carrier 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.**

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.

Specific Absorption Rate

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

Your wireless phone 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 wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The 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 phone 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 phone while operating can be 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) submitted 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 **1.49 W/kg**, and when worn on the body, as described in this guide, is **1.38 W/kg**. The SAR value for this product in its data transmission mode (body-worn use) is **0.46 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 phones 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



[France Only]

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

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



Product
Approval
Number

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

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

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 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 select **Main Menu > Settings > Phone Settings**

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

AGPS & Emergency Calls

When you make an emergency call, your mobile device can use *Assisted Global Positioning System* (AGPS) satellite signals to tell the emergency response center your approximate location.

The AGPS feature has limitations, so always tell the emergency response center your best knowledge of your location. Remain on the phone for as long as the emergency response center instructs you.

AGPS **might not work** for emergency calls, if your local emergency response center does not process AGPS location information. For details, contact your local authorities.

If your mobile device cannot find strong AGPS satellite signals, the location of the nearest cell tower in contact with your mobile device is automatically provided to the emergency response center.

AGPS 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 that might interfere with or block AGPS satellite signals.

AGPS uses satellites controlled by the U.S. government and subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes might affect AGPS performance.

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

The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving.

Additionally, the use of wireless devices and their accessories 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 in "Smart Practices While Driving."

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.

Symbol	Definition
	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 and Its Accessories Away From Small Children

These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Glass Parts

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

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 www.motorola.com/hearingsafety (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.

[Jan0109]

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

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.

**the ground**

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 telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, 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.
Consumer and Professional Two-Way Radio Accessories.	Ninety (90) days from the date of purchase 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	Phones: 1-800-331-6456 Pagers: 1-800-548-9954 Two-Way Radios and Messaging Devices: 1-800-353-2729
Canada	All Products: 1-800-461-4575
TTY	1-888-390-6456
For Accessories and Software , please call the telephone number designated above for the product with which they are used.	

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.

Hearing Aid Compatibility with Mobile Phones

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

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

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible

with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

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

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

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

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

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>

Product Registration

Online Product Registration:

www.motorola.com/us/productregistration

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and

allows you to subscribe to updates on new products or special promotions.

Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

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.

California Perchlorate Label

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

Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate

There is no special handling required by consumers.

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.
- **Erase before recycling**—Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling. For instructions on how to delete all personal information from your device, see your product guide.

Note: For information on backing up your mobile device data before erasing it, go to www.motorola.com and navigate to the “downloads” section of the consumer Web page for “Motorola Backup” or “Motorola Phone Tools.”

- **Understanding AGPS**—To provide location information for emergency calls, certain Motorola mobile devices incorporate *Assisted Global Positioning System* (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location—for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

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.



TM

- **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

Note: Do not ship your phone to the above address. If you need to return your phone for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

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: B015537

Manual Number: 68XXXXX359-A

U.S. patent Re. 34,976

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