FCC ID: IHDP56LF3

INSTRUCTION MANUAL

A representative version of the user's manual follows:



MOTOROLA CITRUS™

Getting Started Guide



Congratulations

MOTOROLA CITRUS™

- Simplified smartphone experience. Flashback gives you a quick, convenient way to manage your most common phone activities from the home screen.
- Entertainment, and more. Easy access to Google and thousands of Android applications to expand your world.

Caution: Before assembling, charging or using your phone for the first time, please read the important legal and safety information packaged with your phone. Once your phone is up and running, press Menu B > Settings > About phone > Safety information to read the full information.

More

- Answers: Touch > Help Center.
 You can also flick your home screen left or right to see the Getting Started and Tips & Tricks widgets.
- Updates: Phone updates, PC software, online help and more at www.motorola.com/mycitrus.
- Accessories: Find accessories for your phone at <u>www.motorola.com/products</u>.

Your phone

the important keys & connectors



Note: Your phone might look a little different.

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Let's go

let's get you up and running

Assemble & charge

1 Cover off



2 MicroSD in (may already be inserted)



3 Battery in



4 Cover on



5 Charge up



Caution: Please read "Battery Use & Safety" on page 33.

Turn it on & off

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

To turn off your phone, press and hold Power ①, then touch **Power off** on the screen.



Set up & go

The first time you turn on your phone, a setup wizard guides you through signing in to your existing GoogleTM account. If you don't 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 & answer calls

To make a call, touch **Dialer**, enter a number, then touch **Call**.

To answer a call, drag $ightharpoonup ext{to the right.}$

To end a call, touch End.

To ignore a call, drag $ightharpoonup ext{to the left.}$

Wi-Fi™ connect

If you want to use a Wi-Fi computer network for even faster Internet access, press Menu () Settings > Wireless & networks > Wi-Fi settings.

Cool content & more

Browse and download thousands of the coolest apps on the planet from the Market, Learn more about downloading new apps with "Android Market™" on page 21. Your phone comes with a microSD memory card installed—you can load it up with photos, videos, POUR OROLA CONFIDENTIAL and music from your computer.

Touchscreen & keys

a few essentials

Touch tips

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

Touch

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



Touch & hold

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



Drac

To scroll through a list or move slowly, drag across the touchscreen. Try it: In the home screen, touch Contacts, then drag your Contacts list up or down.

Tip: When you drag or flick a list, a scroll bar



a scroll ball appears on the right. Drag the scroll bar to move the list to a letter A - Z.

Flick

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

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

700m

Get a closer look at maps or web pages. To zoom in, double-touch the screen. To zoom out, double touch the screen again.

Sleep & wake up

To save your battery, prevent accidental touches, or when you want to wipe smudges off your touchscreen, put the touchscreen to sleep by pressing Power ①. To wake up the touchscreen, just press Power ② again, or open the phone.



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

Rotate the screen

The touchscreen can rotate 90 degrees to stay right-side up when you rotate your phone:

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

Home screen

quick access to the things you need most

Quick start: Home screen

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

It's basically like this:

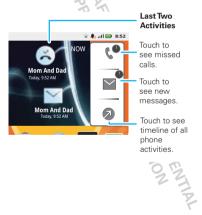


Note: Your home screen might look a little different.

You can flick the home screen left and right to see more panels, seven in all. You'll have plenty of room for adding shortcuts, widgets, and more.

Simplify with Flashback

Flashback gives you a simple, easy way to stay on top of your phone activity, right from the home screen. You can see the two most recent activities, or you can use shortcuts to jump to missed calls or new messages.



Touch see a phone activity timeline:



While viewing detail for an activity, you can choose an appropriate action, such as returning a call or replying to a message.

Touch Menu 🔠 from the phone activity timeline to change Flashback settings:

Styles—Choose a different display style to suit your personality.

Activities—Specify activities shown on the timeline:
Incoming calls, Outgoing calls, Incoming
messages, Outgoing messages, Photos, and
Videos

People—Show the activities related to the group you specify: Anyone, All Contacts, Favorites, or Custom.

Search—Search the web for the term(s) you enter.

More—Clear the timeline or see useful help information.

Widgets

Add a *widget*, such as a clock, music player, or a calendar that shows upcoming appointments.

To open a widget, tap it. To add widgets, press Menu 📳 > Add > Widgets.

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

Shortcuts

To add shortcuts to the home screen, open the Applications tab, then tap and hold the shortcut you want. It will be added to the home screen. Or, press Menu B > Add > Shortcuts.

Apps

Your phone comes with some apps already, and you can download and install more (see "Browse & install apps" on page 21. To open an app, tap it.

Applications tab

All the apps on your phone, including the apps that came with your phone, and the ones you download and install, are listed in alphabetical order in your *Applications tab.*

To open the Applications tab, tap

Phone status & notifications

The status bar at the top of the screen contains icons that tell you about messages and phone status. To PMOTOROLA CONFIDENTIAL view your notifications, tap the status bar and drag it down

Calls

it's good to talk

In-call options

During a call:

- To use the speakerphone, touch Speaker.
- To mute a call, touch Mute.
- To enter numbers during a call, touch \(\begin{align*} \begin{align*} \textbf{Dialpad} \end{align*}.
- To use a Bluetooth® device, touch Bluetooth (The device must be turned on and previously paired—see "Connect new devices" on page 19).

Tip: You can touch Home or Back to leave the active call display. To reopen it, touch Dialer > Return to call in progress.

To mute a call, touch Mute.

Emergency calls

Note: Your service provider programs one or more emergency phone numbers (such as 911 or 112) that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

- 1 Touch Dialer (if your phone is locked, touch Emergency Call).
- 2 Enter the emergency number.
- 3 Touch Call to call the emergency number.

Note: Your mobile device can use GPS and AGPS signals to help emergency services find you. See "GPS & AGPS" in your legal and safety information.

Web

surf the web on your phone

Quick start: Browser

Find it: See Browser



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

Connect

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

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

To use a wireless network, touch Menu (E) > Settings > Wireless & networks. Touch Wi-Fi to turn it on and touch Wi-Fi settings to search for nearby wireless networks. Touch a network to connect.

Select web links

When you touch a link, your phone outlines it and goes to that page. If you touch and hold the link, your phone shows options,



phone shows options, like **Open in new window** or **Bookmark link**.

Bluetooth™ wireless

lose the wires and go wireless

Quick start: Bluetooth wireless

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

Tip: To edit your device name, touch Menu 🔡

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

Turn Bluetooth power on or off

Find it: Menu 📆 > Settings > Wireless & networks > Bluetooth

Note: To save battery life, turn Bluetooth off when you're not using it.

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 20.

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

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

- 2 Touch Menu > Settings > Wireless & networks > Bluetooth settings.
- 3 Touch Bluetooth to turn on and scan. If Bluetooth is already on, touch Scan for devices.
- 4 Touch a device to connect.
- 5 If necessary, touch OK, or enter the device passkey (like 0000) to connect to the device.

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, turn on the device.

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

Disconnect devices

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

To manually disconnect your phone from a paired device, touch the device name in the devices list, then touch Menu [#] > **Disconnect**.

Apps for all

get the app you want

Android Market™

Find it: Home > Market

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

Note: Apps from unknown sources can include spyware, phishing, or viruses that affect your phone, phone performance, and personal data. For security, download apps only from trusted sites like (2) Market.

Browse & install apps

Find it: O > 🍙 Market

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

Manage & restore apps

Find it: Menu 📳 > Settings > Applications > Manage applications

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

To reinstall apps from Android Market, touch > Market > My downloads.

Manage your life

stay on top of things

Gmail[™]

Create a new email

Find it: O > M Gmail > H Menu > Compose

Enter the recipient email address and message, then touch ${\bf Send}.$

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

Tips

- To search in Gmail for messages, touch Menu :
 Search.
- To set new email notifications, such as having a special sound play when you receive a message, touch Menu (E) > Settings > Email notifications, then select the ringtone and vibrate options.
- To label an email thread, touch and hold a message, then touch Change labels.

E-mail

Set up an account

Find it: O > 🔛 Mobile Email

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

Create a new email

Find it: O > Mobile Email > Menu > Compose

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

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

Calendar

Find it: O > 3 Calendar

Your calendar events can be viewed in different ways:
Touch Menu 33 > Agenda,
Day, or Week. When you highlight an event, more details appear.



Add calendar events

From any view, touch Menu 🔡 > **New event**. Enter the event start time and other details. You can even set a reminder so you don't forget about the event.

Tip: Reminders will play only if you've selected a notification ringtone (see "Ringtones" on page 29).

When you finish entering event details, touch Save.

Manage calendar events

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

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

To go to today, touch Menu 📳 > Today

Google[™] data synchronization

Find it: Menu 🔡 > Settings > Accounts & sync

The Google apps on your phone give you access to the same personal information (emails, events, and contacts) that you have on a computer using GmailTM, Calendar, and Contacts. It's easy to synchronize the Google apps information you want to keep up-to-date.

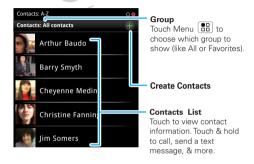
Select apps to synchronize

- Touch Background data.
 - **Tip:** To save battery power do not touch **Background data**.
- 2 Touch Add account to add the apps you want to synchronize, like Google or Corporate.

Contacts

contacts like you've never had before

Quick start: Contacts



Tip: To search the list, just open your phone and type a name, or simply touch Search \bigcirc and type using the touchscreen keypad. 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

To	
Return to home screen	Press Home 🛕.
See recently dialed numbers	Touch Dialer > Recent.
Sleep/wake your phone	Press Power ①.
Set screen timeout	Press Menu 🔡 > Settings > Sound & display > Screen timeout.
Search	Touch Search Q.
Show last few apps used	Press and hold Home 🛕.
Turn sound on/off	Press and hold Power O > Silent mode .
Turn airplane mode on/off	Press and hold Power O > Flight mode .

Battery tips

Want to extend your battery life? Try these:

- To turn off automatic applications sync, touch Menu (B) > Settings > Accounts. then touch an account and change sync settings.
- To turn off Bluetooth power, touch Menu Settings > Wireless & networks > Bluetooth.
- To turn off Wi-Fi, touch Menu > Settings
 Wireless & networks > Wi-Fi.
- To add a Power Control widget to your home screen, touch Menu > Add > Android Widgets > Power Control.

Note: The Power Control widget is a simple way to enable/disable Wi-Fi™, Bluetooth™ wireless, GPS, ve at , brightr. Sync (turns on/off all active accounts, Google, and Exchange), and display brightness.

Personalize

add your personal touch

Widgets

- 1 Find an empty spot on your home screen where you want to add a widget, then touch and hold.
 - Tip: You can flick left or right to open other panels on your home screen.
- 2 Touch Android Widgets or Motorola Widgets.
- 3 Touch the type of widget. If necessary, enter the widget settings.

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

Ringtones

To personalize your ringtones:

Find it: Menu 📳 > Settings > Sound & display

To set your ringtone for incoming calls, touch **Phone ringtone**.

To set the ringtone for notifications such as alarms and reminders, touch **Notification ringtone**.

To set your vibrate options:

Find it: Menu 🔠 > Settings > Sound & display > Phone vibrate

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.

Date & time

Set date, time, time zone, and formats:

Find it: Menu 🔠 > Settings > Date & time

Language & region.

Set your menu language and region:

Find it: Menu 📳 > Settings > Language & keyboard > Select locale

Lock your phone

help keep your phone safe

Quick start: Lock your phone

Find it: Menu 🔡 > Settings > Location & security

For more information about locking your screen or SIM, see the *User's Guide* online at:

www.motorola.com/suppor t.

Screen lock

Note: You can make emergency calls on a locked phone (see "Emergency calls" on page 15). A locked phone still rings, but you need to unlock it to answer



To lock the screen, press Power or let the screen time out (don't press anything).

To unlock the screen, press Power ①, or open the phone. Then, drag ⑥ to the right.

Troubleshooting

we're here to help

Crash recovery

In the unlikely event that your phone stops responding to touches and key presses, try a quick reset. Remove the back cover and battery ("Assemble & charge" on page 4), 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, touch Menu 🔡 > Settings > Privacy > 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 http://www.motorola.com/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-734-5870 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Safety, Regulatory & Legal

Battery Use & Safety

Important: Handle and store batteries properly to avoid injury or damage.

Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.
- Don't let the mobile device or battery come in contact with water.* Water
 can get into the mobile device's circuits, leading to corrosion. If the mobile device
 and/or battery get wet, have them checked by your service provider or contact
 Motorola, even if they appear to be working properly.*
- Don't allow the battery to touch metal objects. If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- Don't place your mobile device or battery near a heat source.* Excessive
 heat can damage the mobile device or the battery. High temperatures can cause
 the battery to swell, leak, or malfunction. Therefore:
- Don't dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwaye oven.

D0s

- Do avoid leaving your mobile device in your car in high temperatures.*
- Do avoid dropping the battery or mobile device.* Dropping these items, especially on a hard surface, can potentially cause damage.*
- Do contact your service provider or Motorola if your mobile device or battery has been damaged from dropping or high temperatures.
- * Note: Always make sure that the battery compartment is closed and secure to avoid direct exposure of the battery to any of these conditions.

Important: Use Motorola Original products for quality assurance and safeguards. To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection),

Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as Invalid Battery or Unable to Charge. Take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram:
- If there is no hologram, the battery is not a Motorola battery:
- If there is a hologram, replace the battery and try charging it again;
- If the message remains, contact a Motorola authorized service center.

Important: Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider location. Additional information on proper disposal and recycling may be found on the Web:

- www.motorola.com/recycling
- www.rbrc.org/call2recycle/ (in English only)

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.



Warning: Never dispose of batteries in a fire because they may explode.

Battery Charging

Notes for charging your product's battery:

- 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.

Driving Precautions

Responsible and safe driving is your primary responsibility when behind the wheel of a vehicle. Using a mebile device or accessory for a call or other application while driving may cause distraction. Using a mobile device or accessory may be prohibited or restricted in certain areas, always obey the laws and regulations on the use of these products.

While driving, NEVER:

- Type or read texts.
- Enter or review written data
- · Surf the web.
- Input navigation information.
- Perform any other functions that divert your attention from driving.

While driving, ALWAYS:

- Keep your eyes on the road.
- Use a handsfree device if available or required by law in your area.
- Enter destination information into a navigation device before driving.
- Use voice activated features (such as voice dial) and speaking features (such as audible directions), if available.
- Obey all local laws and regulations for the use of mobile devices and accessories in the vehicle.
- End your call or other task if you cannot concentrate on driving.

 **The concentrate of the concentrate

Remember to follow the "Smart Practices While Driving" in this guide and at www.motorola.com/callsmart (in English only).

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing videos or games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing videos or games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are fired.

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.

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Small Children

Keep your mobile device and its accessories away from small children.

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

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

Glass Parts

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

Operational Warnings

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

Potentially Explosive Atmospheres

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

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

Symbol Key

Your pattery, charger, or mobile device may contain symbols, defined as follows:		
Symbol	Definition	
\triangle	Important safety information follows.	
8	Do not dispose of your battery or mobile device in a fire.	
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.	

Symbol	Definition
	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.
∜∄	For indoor use only.
	Listening at full volume to music or voice through a headset may damage your hearing.

Radio Frequency (RF) Energy

Exposure to RF Energy

Your mobile device contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile device, the system handling your call controls the power level at which your mobile device transmits

Your mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

RF Energy Operational Precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions:

- When placing or receiving a phone call, hold your mobile device just like you
 would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a
 Motorola-supplied or approved clip, holder, holster, case, or body harness. If you
 do not use a body-worn accessory supplied or approved by Motorola, keep the
 mobile device and its antenna at least 2.5 centimeters (1 inch) from your body
 when transmitting.

 Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: www.motorola.com.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances, your mobile device may cause interference with other devices.

Follow Instructions to Avoid Interference Problems Turn off your mobile device in any location where posted notices instruct you to do

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

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If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

Specific Absorption Rate (IEEE)

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

Your mobile device is a radio transmitter and receiver. It is designed and manufactured to not exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed for the safety of all persons. regardless of age or health, and to account for any variations in measurements. The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The IEEE SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 watts per kilogram (W/kg), averaged over one gram of tissue. Tests for SAR are conducted using procedures accepted by the FCC and by Industry Canada with the mobile device transmitting at its highest certified power level in all tested frequencies. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power outnut.

Before a mobile device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 1.50 W/kg, and when worn on the body, as described in this guide, is 0.78 W/kg. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and

measurement uncertainty range for this product.

While there may be differences between the SAR levels of various mobile devices and at various positions, they meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the quidelines.

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

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

European Union Directives Conformance Statement

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

ME: 350034/40/394721/9

C € 0168

Type: MC2-41H14

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&ITE Directive) at www.motorola.com/rtte. To find your DoC, enter the Product Approval Number from your product's label in the "Search" bar on the Web site

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC ID:xxxxxxx 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.

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. This Class B digital apparatus complies with Canadian ICES-003.

GPS & AGPS

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use Assisted Global Positioning System (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information

may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

Emergency Calls

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location

AGPS has limitations and might not work in your area. Therefore:

- . Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

Performance Tips

- Go outside and away from underground locations, covered vehicles, structures
 with metal or concrete roofs, tall buildings, and foliage. Indoor performance
 might improve if you move closer to windows, but some window sun shielding
 films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices.

Navigation

When using navigation features, note that mapping information, directions and other navigational data may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic, and all other factors that may impact driving. Always obey posted road signs.

Smart Practices While Driving

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example,

handsfree use only may be required. Go to www.motoro-la.com/callsmart (in English only) for more information.

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When

driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- Get to know your Motorola mobile device and its features such as speed
 dial, redial and voice dial. If available, these features help you to place your
 call without taking your attention off the road.
- When available, use a handsfree device. If possible, add an additional layer
 of convenience to your mobile device with one of the many Motorola Original
 handsfree accessories available today.
- Position your mobile device within easy reach. Be able to access your
 mobile device without removing your eyes from the road. If you receive an
 incoming call at an inconvenient time, if possible, let your voicemail answer it for
 you.
- Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- Do not take notes or look up phone numbers while driving. Jotting down a
 "to do" list or going through your address book takes attention away from your
 primary responsibility—driving safely.
- Dial sensibly and assess the traffic; if possible, place calls when your
 car is not moving or before pulling into traffic. If you must make a call while
 moving, dial only a few numbers, check the road and your mirrors, then continue.
- Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- Use your mobile device to call for help. Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).
- Use your mobile device to help others in emergencies. If you see an auto
 accident, crime in progress, or other serious emergency where lives are in
 danger, call 911 or other local emergency number (wherever wireless phone
 service is available), as you would want others to do for you.
- Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where

no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

Privacy & Data Security

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

- Monitor access—Keep your mobile device with you and do not leave it where
 others may have unmonitored access. Lock your device's keypad where this
 feature is available.
- Keep software up to date—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- Secure Personal Information—Your mobile device can store personal
 information in various locations including your SIM card, memory card, and
 phone memory. Be sure to remove or clear all personal information before you
 recycle, return, or give away your device. You can also backup your personal data
 to transfer to a new device.
 - **Note:** For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support
- Online accounts—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).
- Applications—Install third party applications from trusted sources only. Applications can have access to private information such as call data, location details and network resources.
- Location-based information—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that

require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

Other information your device may transmit—Your device may also transmit
testing and other diagnostic (including location-based) information, and other
non-personal information to Motorola or other third-party servers. This
information is used to help improve products and services offered by Motorola.
 If you have further questions regarding how the use of your mobile device may
impact your privacy or data security, please contact Motorola at
privacy@motorola.com, or contact your service provider.

Use & Care

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



liquids

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



extreme heat or cold

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



microwaves

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



dust and dirt

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



cleaning solutions

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



shock and vibration

Don't drop your mobile device.



protection

To help protect your mobile device, always make sure that the battery compartment and any connector covers are closed and secure.

Recycling

Mobile Devices & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste, or in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at:

www.motorola.com/recvcling

Packaging & Product Guides

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

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 when the battery is recycled or disposed of. See www.dtsc.ca.gov/hazardouswaste/perchlorate There is no special handling required by consumers.

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. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipment battery model.

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.

Software Copyright Notice

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

Content Copyright

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

Open Source Software Information

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

MOTOROLA MOBILITY, INC.

OSS Management 600 North US Hwy 45 Libertyville, IL 60048

LISA

The Motorola website <u>opensource.motorola.com</u> also contains information regarding Motorola's use of open source.

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

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

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

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

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.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola Mobility, Inc. warrants its mobile telephones ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories"), and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories, and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Length of Coverage

Products and Accessories

Products Covered

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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 All Products: 1-800-461-4575	
Canada		
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 MERCHANTARILITY 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 TO ONE DENTIFE other rights that vary from state to state or from one jurisdiction to another.

Copyright & Trademarks

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

www.hellomoto.com

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

1-800-734-5870 (United States - Android products)

1-800-331-6456 (United States - all other products)

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

1-800-461-4575 (Canada - all products)

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

All features, functionality, and other product specifications, as well as the information contained in this guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation. MOTOROLA, the Stylized M Logo, MOTOBEUR and the MOTOBEUR logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC. The Bluetooth trademarks are owned by their proprietor and used by Motorola Mobility, Inc. under license. **Zeria is a Certification Mark of the Wireless Fidelity Alliance, Inc. Google, YouTube, Picasa, Gmail, the Google logo, Android, and Android Market are trademarks of Google, Inc Facebook is a registered trademark of Facebook, Inc. All other product or service names are the property of their respective owners. © 2010 Motorola Mobility, Inc. All rights reserved.

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

Manual Number: TBD-A

Trianaan Tanibon 155 1



accessories



more information

▶ GOTO

accessories: www.motorola.com

guides: www.motorola.com/support

