

MOTO[™] A455

Getting Started Guide



congratulations!

The **MOTO™** A455 does it all. Use the music player or radio to listen to the newest, hottest songs. Or, take photos and video clips, and send them to your friends. All this while you're still connected — take or make calls or exchange messages.

We've crammed all of the main features of your phone into this handy guide, and in a matter of minutes we'll show you just how easy your phone is to use. So go on, check it out. Browse the menus and press • to see more. You may be surprised at what you discover.

If you'd like even more information about how to use your new phone, visit www.motorola.com/support.

Note: Before using the phone for the first time, review the *Important Safety and Legal Information* in the back of this guide. Periodically review this information so you remember how to safely use your phone.

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your phone



menu map

MEDIA CENTER

- Music & Tones
- Picture & Video
 - Games
- Mobile Web.
- Browse & Download
 - Extras

MESSAGING

- New Message
- Inbox
- SentDrafts
- Voicemail
- Mobile IM*
- Email*Chat*
- * Network dependent

This is the standard main menu layout. Your phone's menu may be different

CONTACTS

- New Contact
 - Contact List
 - Groups
 - Speed Dials
 - In Case of Emergency

RECENT CALLS

- Missed
- Received
 - DialedAll
- View Timers

(X SETTINGS & TOOLS

- My Verizon
- Tools
 Bluetooth® Menu
- Sounds Settings
 - Display Settings
- Phone SettingsCall Settings
- Memory
- USB Mode
- Phone Info
 - Set-Up Wizard

let's go







(similar to #1, different arrows)

removing the battery

6

(similar to #1, different arrows)



(similar to #3, different arrows)



basics

here's a few essential basics:



turn it on & off

Press and hold for a few seconds to turn the phone on/off.

menu navigation



Press (a) to open the Main Menu.



Press **(a)** up, down, left, or right to highlight a menu option.



Press
to select the highlighted option.

basics

qwerty keyboard

Slide your phone open to use the qwerty keyboard to type just like on a PC. The left and right soft keys adjust to the sideways view and you can touch the on-screen menu bar to select items.

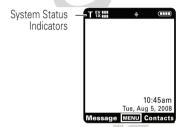


Touch here or press
to open menu, select menu items.

status indicators

to keep you updated at all times

Status indicators can appear across the **top of the home** screen.



it's good to talk



make calls

With the slider open, use the keypad to enter a number and press.

With the slider closed, press to open the keypad. Use the keypad to enter a number and press.



answer cals

When your phone rings or vibrates, press .



end calls

Press 😑.

redial a number

Find it: From the home screen, press — to see ALL CALLS Scroll to the entry you want to call and press —.

Note: The **ALL CALLS** list includes numbers that were busy when you dialed.

go handsfree

To activate the handsfree speaker during a call, press and hold the Speakerphone Key (﴿﴿) on the right side of the phone. You hear an audible alert, and your phone shows → and SPEAKER PHONE ON on the main screen.

To turn off the handsfree speaker, press and hold the Smart/Speakerphone Key. Your phone shows **SPEAKER PHONE OFF** on the main screen.

To end the call, press . You hear an audible alert.

Note: The handsfree speaker won't work when your phone is connected to a handsfree car kit or headset.

emergency calls



To call an emergency number, enter the emergency number and press

Your service provider programs emergency phone numbers,

(such as 911), that you can call under any circumstances, even when your phone is locked.

Emergency numbers vary by country. Your phone's 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.

voicemail



When you **receive** a voicemail message, your phone shows **2**". Select **Listen Now** to dial voicemail.

Or, select Listen Later. The indicator 2 stays on the bottom of the screen until you listen to your message or until you go to MESSAGING > Voicemail and press Clear.

To call your voicemail number, press and hold 1, or go to MESSAGING > Voicemail.

phonebook

make a new friend? store their number

store phone numbers

- With the slider open, from the main screen use the qwerty keypad to enter a phone number, then press Save.
- Select Add New Contact.
 - **Tip:** With the slider open, you can either touch **OK** on the screen or press **(a)**.
- 3 Select an entry type.
- Use the qwerty keypad to enter a name and other details for the phone number.

Tip: Do it quickly! With the slider closed, press to see the on-screen touchpad. Enter the number and press Save. To enter contact details, open the slider.

phonebook

call stored phone numbers

- From the main screen, press Contacts (Right Soft Key).
- 2 Scroll to the Contacts entry.
 - If the entry has more than one phone number, press
 left or right to toggle between the numbers.
- 3 Press to call the contact.

add a ringtone for a contact

- 1 From the main screen, press Contacts (Right Soft Key).
- 2 Scroll to the entry and press VIEW > Edit.
- 3 Scroll to Ringtone and press Set.
- 4 Scroll to the desired ringtone and press .
- Press again to save your changes.

Note: Master Volume must be set to High, Medium High, Medium, Medium Low, or Low.

customize

go ahead, add your personal touch...

My Shortcuts

- From the main screen, press right to open My Shortcuts.
- Press Settings > Set Shortcuts.
- 3 Select a shortcut to set and press .
- Select the feature you want to make a shortcut to, and press .
- **5** When finished, press .

set wallpaper

- From the main screen, press > (* SETTINGS & TOOLS > Display Settings > Wallpaper
- 2 Scroll to a picture and press .
- When finished, press <a>[

customize

set ringtone & volume

Press the Volume Keys to:

- turn off an incoming call alert
- · change the earpiece volume during calls
- change the ringer volume from the main screen

Press the Volume Keys up or down to cycle the MASTER VOLUME through High, Medium High, Medium, Medium Low, Low, Vibrate Only, Alarm Only, and All Sounds Off.

shortcuts

get it quickly

options	
lock keys & display to prevent key presses	Press the LockKey (♠) on the right side of the phone. (To unlock the phone, open the slider.)
set phone to vibrate	Open the slider and press and hold ## to quickly set MASTER VOLUME to Vibrate Only.
turn handsfree speaker on/off	Press and hold the Speakerphone Key (ৰ্ঞ্ছ) on the left side of the phone.
use voice commands	Press the Voice Command Key () on the right side of the phone. Then use the on-screen prompts.

messages

sometimes it's better 2 say it in a message

create & send a message

- From the main screen, press Message > New Message > TXT Message.
- Open the slider and use the keypad to enter a phone number or press Add > From Contacts, Recent Calls, or Groups to select recipients.
- With the cursor in the **Text** area, type a message.

 When you are entering text, you can press **Options** to perform other actions with the message.
- 4 To send the message, press .

receive a message

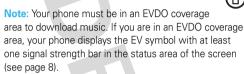
From the main screen, press Message > Inhox and select the message you want to read.

Press Options to perform other actions on the message, such as Forward, Reply w. Copy, Save Quick Text, Lock (to prevent deletion), Message Info, or Compose Message.

To call to the contact who sent the message, press .

get your favorite songs...

V CAST Music with Rhapsody



V CAST Music with Rhapsody is a digital music service that lets you listen to millions of songs from thousands of artists. Discover new and old favorites in an extensive music catalog. Download V CAST Music with Rhapsody to sync tracks, albums, and playlists to your new compatible phone, while managing your existing PC music library, all in one place.

purchase songs on your phone

When you purchase music using your V CAST Music with Rhapsody-capable phone*, you receive a second copy of the music that you can download to your PC using V CAST Music with Rhapsody on your PC.

browse music

Find it: From the main screen, press > MEDIA CENTER > MUSIC & TONES > V CAST Music.

To preview a song, highlight the song and press the Left Soft Key (•) (Preview).

purchase music

- Highlight the song and press .
 Your phone shows song details and price.
- 2 To buy it, press @ again.
- 3 When you see Download now?, press

* Per-song charges apply.

When prompted to select a storage location, select Phone Memory or Memory Card.

Your phone displays a status indicator. After downloading, you must wait for the phone to acquire the content license.

5 Press Play to listen to the song now.

Press My Music to go to MY MUSIC.

Press (a) to return to the music catalog.

transfer music from a computer



You can use V CAST Music with Rhapsody to transfer songs from a computer to your phone using a USB cable. You can purchase these songs using V CAST Music with Rhapsody or import them from your CD collection.

computer system requirements

To transfer music from a computer to your phone, you need the Windows XP® or Windows Vista® operating system and an active internet connection.

To download V CAST Music with Rhapsody for free:

- From your computer's web browser, go to http://www.verizonwireless.com/music.
- Pollow the on-screen instructions to select, download, and install V CAST Music with Rhapsody for your phone.

downloading & purchasing music using V CAST Music with Rhapsody

To download copies of music purchased using your phone:

- On your computer, launch V CAST Music with Rhapsody.
- 2 Click on the "Log In" button, then log in by entering your mobile phone number and password.

For each V CAST Music with Rhapsody track you've downloaded to your phone, you can download a copy to your computer at no additional charge. Song tracks available for free download will pop up when you complete the login process.

- Check the boxes beside the songs you wish to download.
- Select "Download Tracks."
 Downloading can take several minutes.
- When downloading is complete, click on the "My Library" tab in the V CAST Music with Rhapsody" window to find and play the song(s) you downloaded

To buy music from the V CAST Music Store:

- On your computer, launch V CAST Music with Rhapsody.
- In the V CAST Music with Rhapsody window, click on the "BUY MUSIC" tab.
- 3 Click on the "Log In" button, then log in by entering your mobile phone number and password.
 - If you have not registered yet, click on the "Register" button, then follow the instructions to register and get your password.
- Browse or search the store to find the songs you want.

To preview a song, click on the headset icon next to the song title.

- **5** To buy a song, click on the "Purchase" or "Buy" button next to the song title.
- Repeat steps 4 and 5 to add more songs to your shopping cart.
- When you finish shopping, click on "MY PURCHASES," follow the on-screen instructions to complete your purchase(s) and download the song(s) you have purchased.

Downloading can take several minutes.

When downloading is complete, click on the "My Library" tab in the V CAST Music with Rhapsody" window to find and play the song(s) you downloaded.

To transfer the songs to your phone, see "sync music from your PC to your V CAST Music with Rhapsody phone" on page 26.

import songs from an audio CD

- On your computer, launch V CAST Music with Rhapsody.
- 2 Insert an audio CD into your computer's CD ROM drive
- If the "Music on My CD" window is not already open in V CAST Music with Rhapsody, click on the "MUSIC ON MY CD" tab.
 - The names of all the tracks on the CD are listed in the window. (You may need to enter artist name and other information for the tracks.)
- Select the tracks you want to import or "Rip" by clicking the check box next to them.
 - Select **all** tracks by checking the "Title" check box at above the list of tracks.
- 6 Click on the "Rip CD" button.
 - The songs you selected are imported to the V CAST Music Manager.

To transfer the songs to your phone, see "sync music from your PC to your V CAST Music with Rhapsody phone" on page 26.

sync music from your PC to your V CAST Music with Rhapsody phone



- On your computer, launch V CAST Music with Rhapsody.
- Connect the USB cable (purchased separately) to your phone and to an available USB port on your computer.

If this is the first time you have connected the phone to a computer with a USB cable, additional software drivers may be installed.

The **SYNC MUSIC V CAST MOBILE PHONE** screen appears on your phone. Your phone should display **Connected**.

On your computer, click on the "Sync List" button to open an empty sync list.

- On your computer, drag each song you want to sync "My Library" and drop it on the Rhapsody mobile phone, listed under the "Sources" tab.
- On your computer, click "Sync now."

 You computer syncs the songs from the sync list with your phone.
- **⊙** On your phone, when synchronization is complete, press □.
- **O** Disconnect the cable from the phone and the computer.

You can now use your phone's music player to play the songs you transferred from your computer.

listen to your favorite songs...

play music

● From the main screen, press ⑤ > ▼ MEDIA CENTER > MUSIC &TONES > My Music.

Find music on phone by artist, album, or song title.



View help information.

Press the Left Soft Key
(③) (**Shop**) to download
music from the V CAST
Music catalog.

Press the Right Soft Key (©) (Sync) to synchronize MY MUSIC with the digital music library or another device.

- Select Songs.
- 3 Select a song to play it.

The MY MUSIC menu includes these options:

option	
Genres	Find & play music from a specific <i>genre</i> (type of music) such as rock, jazz, or blues.
Artists	Find & play music by a specific artist.
Albums	Find & play music from a specific album.
	Note: Even if you have only one song from an album, the album is listed.
Songs	Find & play specific songs.
Playlists	Play songs from personalized playlists that you create.
Inbox	View alert notifications received when new music from a selected artist is available for download.
Play All	Play all songs in MY MUSIC in list order.
Shuffle	Play songs in MY MUSIC in random order.

- Press the Clear Key () from any MY MUSIC screen to return to the previous screen.
- Press from any MY MUSIC screen to return to the main screen.
- On screens that show a list of items (for example, album titles), enter letters in the Go To area to jump directly to items beginning with those letters.

music player controls

pause/play	To pause, press & release .
	To resume play, press again.
fast forward	Press & hold () right.
go to next song	Press & release (O) right.
rewind	Press & hold (in left.
go to previous song	Within first two seconds of song, press & release () left .

return to song beginning

After first two seconds of song, press & release O left.

tum off music Press ...

listening tips

When you're on the go, you can listen to your music through a wired headset connected to the phone's micro USB port or by using a wireless headset.

Note: You cannot charge your phone when a micro USB headset is connected.

When the phone's flip is open and you are not using a wired or wireless headset, music is played through the phone's speaker.

create a playlist

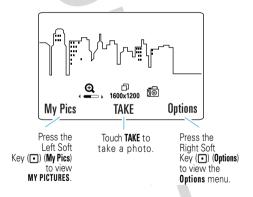
- From the main screen, press ⑤ > ▼ MEDIA CENTER > MUSIC & TONES > My Music > Playlists.
- If playlists already exist, press Options > Create Playlist.
 If no playlists exist, the CREATE PLAYLIST screen appears.
- Open the slider and use the qwerty keypad to enter a title for the playlist, then press .
- Scroll to a desired song and mark it by pressing .
 Repeat this step for each song you want to add.
- **5** When finished marking songs, press **Done**.
- **(3)** When finished adding songs to the playlist, press the (**(3)** to return to the previous screen or **(□)** to return to the main screen.

photos

see it, capture it, send it!

take photos

To activate the camera, press the Camera/Video Key on the right side of the phone.



Press () left or right to zoom in and out.

Press Options to see more options.

photos

- Point the camera lens at the camera subject and press .
- Press to save the photo and go to the NEW PICTURE MESSAGE screen.

Press Save to save the picture in MY PICTURES.

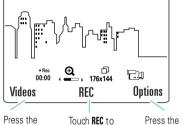
Press **Erase** to delete the photo and return to the active viewfinder.

videos

see it, believe it, share it!

record videos

To open the camcorder, press and hold the Camera/ Video Key.



Press the Left Soft Key (•) (Videos) to view MY VIDEOS. Touch **REC** to start recording.

Press the
Right Soft
Key () (Options
to view the
Options menu.

2 Point the camera lens at the video subject.

Press left or right to zoom in and out.

Press to begin recording.

videos

Press **Pause** to temporarily stop recording. Press **Resume** to continue.

- 4 Press (a) to stop recording.
- Press Save to save the video clip.

Press to save the video clip and go to the **NEW VIDEO MESSAGE** screen.

Press **Erase** to delete the video clip and return to the active viewfinder

Bluetooth®

lose the wires and go wireless

Your phone supports Bluetooth wireless connections with audio devices, such as a handsfree headset or music system.

Note: 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.

For maximum Bluetooth security, you should always connect Bluetooth devices in a safe, private environment.

Bluetooth®

use a headset or car kit



First, make sure the device is **on** and **ready** in pairing or bonding mode (see the user's guide for the device).

• From the main screen, press > (* SETTINGS & TOOLS > Bluetnoth Menu > Add New Device

Note: If Bluetooth power is not turned on, your phone will display Turn Bluetooth Power On? Select Yes.

- Make sure the Bluetooth device you are pairing with is in discoverable mode (see the user's guide for the device)
- 3 Press (a) to search for available Bluetooth devices.
- Highlight the device you want to connect to and press .
- **6** Use the keypad to enter the PIN of the device you want to pair with and press **(a)**.

Note: The default PIN code is usually 0000. See your Bluetooth accessory's user guide for more information.

personal organizer

stay on top of things with these handy features

add a calendar event

- From the main screen, press down.
- 2 Scroll to the desired date and press Add.
- Open the slider and use the qwerty keypad to enter new appointment name and details. To change the time, recurrence, or alert type, scroll to the line and press Set.

personal organizer

set an alarm

Find it: (a) > (3) SETTINGS & TOOLS > Tools > Alarm Clock

- 1 Select Alarm 1. Alarm 2. or Alarm 3.
- Select 0n, and set the alarm time, recurrence, and alert sound by scrolling to the category and pressing Set.
- 3 When finished, press

calculator

Find it: (a) > (b) SETTINGS & TOOLS > Tools > Calculators

For **basic calculator** functions, select **Basic Calculator**. Open the slider and use the keypad to enter numbers. To enter a decimal, press #. To change to a positive or negative, press #. Use o to select math functions. For more operators, press **Operator**.

To calculate a tip, select Tip Calculator. Open the slider and use the keypad to enter the amount, the tip percentage, and the number of ways the tip is to be split. To enter a decimal, press

To display the tax amount, press Options > Display Tax > Yes.

web access

you don't need a PC, surf the web with your phone
From the main screen, press (a) up to launch MOBILE WEB.

security

keep your phone secure

codes & passwords

Your phone's four-digit **lock code** is originally set to the last four digits of your phone number. To change the lock code:

- Find it: (a) > (X SETTINGS & TOOLS > Phone Settings > Security
- When prompted, enter the lock code and press .
- 2 Scroll to Edit Codes > Phone Only.
- 3 Enter the new four-digit lock code in the Enter New Code entry area and in the Re-Enter New Code entry area.
- Then press .

lock & unlock phone

You can lock your phone to keep others from using it.

Find it: (a) > (3) SETTINGS & TOOLS > Phone Settings > Security

- 1 When prompted, enter the lock code and press
- 2 Select Lock Phone Now.

Legal and Safety Information

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.

D₀s

- 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 Weh:

- 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.



service & repairs

If you have questions or need assistance, we're here to help.

Go to www.motorola.com/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired) or 1-800-461-4575 (Canada).

Specific Absorption Rate Data

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

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless

base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.59 W/kg, and when worn on the body, as

described in this user guide, is 1.49 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the audiclelines.

Ädditional information on Specific Absorption Rates (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

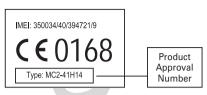
- In the United States and Canada, the SAR limit for mobile phones used by the
 public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard
 incorporates a substantial margin of safety to give additional protection for the
 public and to account for any variations in measurements.
- The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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



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.

Important Safety and Legal Information

Safety and 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 0N, 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 Motorola 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 flevices

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 the "Smart Practices While Driving" section in this guide (or separate guide).

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
\triangle	Important safety information follows.

Symbol	Definition
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.
X	Do not throw your battery or mobile device in the trash.
*	Do not let your battery, charger, or mobile device get wet.



Listening at full volume to music or voice through a headset may damage your hearing.

Batteries & Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see the "battery use & safety" section in the user's guide.

Keep Your Mobile Device and Its Accessories Away From Small Children

These products are not toys and may be hazardous to 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 very 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 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.

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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.

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

100000001100			
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.		

Products Covered	Length of Coverage
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

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.

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.

(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-Motornala 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 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
ΠΥ	1-888-390-6456
For Accessories and Software, places call the telephone number	

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 LIFTLOF 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 vou. 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. Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

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 denerate.

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:

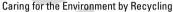
direct.motorola.com/hellomoto/ Motosupport/source/registration.asp

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your product require an update or other service. Registration is for U.S. residents only and 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.





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

Disposal of your Mobile Device and Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. 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 and User's Guide

Product packaging and user's 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 and 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 step-by-step
 instructions on how to delete all personal information from your device, see the
 section entitled "master clear" or "delete data" in the user's guide.
 Note: For information on backing up your mobile device data before erasing it,
 - Note: For information on backing up your mobile device data before erasing it, go to www.motorola.com and then 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
- MOTOROLA 0 RIGINAL
- 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.*
- 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, 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 1307 East Algonquin Road Schaumburg, IL 60196 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 user's guide are based upon the latest available information and are 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.

Software Copyright Notice

The Motorola products described in this manual 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 the Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the 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.

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. The Bluetooth trademarks are owned by their proprietor and used by Motorola, Inc. under license. Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. Microsoft and Windows are registered trademarks of Microsoft Corporation; and Windows XP and Windows Media are trademarks of Microsoft Corporation.

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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.

Manual Number: TBD-A









more information

GOTO

accessories: www.motorola.com user's guide: www.motorola.com/support

