

MOTOROLA EX431G



Your Motorola EX431G makes life fun. All social, all the time.

- Messaging. Easy texting and no more cramped thumbs with the built-in keypad.
- Personalization. Make your phone your own with wallpapers and more.
- Photos & Music. Take and send photos to your friends. Listen to music could be: when you want. wherever vou are.

We've crammed all the main features of your phone into this handv quide, and in a matter of minutes we'll show you just how easy your phone is to use. You may be surprised at what you discover.

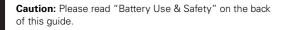
Note: Your phone may not appear exactly as the images in this auide.

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

LIFE. ᄊ POWERED







YOUR PHONE

Charge &

comput

BASICS

Turn it on & off

Q W E R T Y U O

Menu navigation

.

QWERTYU - 000::--



Set your wallpaper

Change the wallpaper to one that makes you smile. Press Menu > Settings > Phone settings > Display > Wallpaper.

Set ringtone & volume

Play it loud or keep it quiet, you choose. Press Menu >
User Profiles

Choose a profile. Press Options > Customize to edit a profile.

Set shortcuts

Dedicated key

Set shortcuts to features you use most. Press up, down, left, or right from the home screen to access them. Press Menu > Settings > Phone settings >

CONTACTS Save contacts

memory).

Call contacts

- Ø Press SEND.



ress 🔲 to select the highlighted option



Microphone

Press and hold PWR/END for

a few seconds to turn the

ress the left soft key to open

phone on/off.

the main menu.

Press the navigation key 🗖 up. down, right or left to highlight a menu option.

Send an SMS or MMS

MESSAGES

phonebook

4

• Press Menu > Messages > Write message. 2 Enter your message using the keypad. Tip: Press Options > Input method to switch text entry modes, such as abc or Numeric. To enter a symbol, press [SYM].

O To add pictures, sounds, or videos, press Options Press Options > Send to to enter one or more recipients or to select a contact from your

Read messages

When you receive a message, your phone plays an alert and displays 🖓 on the screen. Press View to open the

Tip: You can read all messages in your inbox by pressing Menu > Messages > Inbox

• Enter the number on the home screen and press Options > Save to Contacts.

2 Enter the contact details and press Yes to save

Tip: Press Menu > Phonebook > Options > Phonebook settings > Storage Location to choose where to save your contacts (SIM and/or Phone

Press Menu > Phonebook

Press **up** or **down**, to scroll through the list to highlight the contact's number.

CALLS

Make calls



Answer calls



s PWR/END

End a call



Redial number

- From the home screen, press **SEND** to see a list of All calls.
- O Scroll to the entry you want and press SEND.

PHOTOS & VIDEOS

Take photos & videos

- To use the camera or video recorder, press Menu > 👩 Camera or Menu > 🚟 Multimedia > Video Recorder
- Press to take your photo or to start/stop the video Then to:
- To share photos, press Options > Forward > Via Bluetooth, As Email, or As multimedia message.
- To stop the recording and save the video, press
 .
- To delete the photo, press Options > Delete
- To return to the viewfinder, press C.
- To view your stored pictures, press > Switch to > Photo Album

To transfer photos or videos to/from your memory card plug your USB cable into your phone & computer, then drag & drop files.

EMERGENCY CALLS



Your service provider programs one or more emergency phone

numbers 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.

Cool down

In very limited circumstances, such as where your phone has been exposed to extreme heat, you may see "Cool Down" messages. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in "Cool Down" mode, only emergency calls can be made.

Listen to the radio

First, plug in a headset (required), Press Menu > 3 Multimedia > FM Radio. Then to:

- To tune a station, press D right/left, Press Options > Auto Search to search and store automatically.
- To find the next station, press 🗖 up, then press 🗖
- To **turn off** the radio, press 🗖 down.
- To change the volume, press the side volume keys

Store favorite stations

When listening to a station, press Options > Channel list. Select a channel number and press Add to store it. Press Options > Channel list to see your stored stations. Press keys 1 through 9 to select a stored station.

TIPS & TRICKS

Voicemail

Press and hold 1. If your voicemail number is preset, you will connect.

Handsfree speaker

During an active call, press I to turn the handsfree speaker on. To turn the handsfree speaker off, press again. You can also use a wired headset to go handsfree.

Lock your phone

Press Menu > 🔅 Settings > Security Settings > Phone Security > Phone Lock, then enter a password to lock your phone. The code is originally set to 1122.

To change your password, in the Security Settings menu, select Change Password > Phone Password

Reset

To reset default factory settings on your phone, press Menu > 🔅 Settings > Restore Factory Settings, then enter 1122.

Caution: This option erases all your data and information

BLUETOOTH

Connect new devices

- O Make sure the device you are pairing with is in discoverable mode.
- Press Menu > Q Settings > Connectivity > Bluetooth > My Device > Search for All Devices
- 3 When your phone lists the devices it finds within range, select the device name > Pair to connect with
- If necessary, press Yes and, if prompted, enter the device passkey (such as 0000) to connect to the device

To automatically reconnect/disconnect your phone with a paired device, just turn the device on/off.

To send a media file or contact, open the item that you want to transfer, then press Options > Send > Via Bluetooth.

MUSIC

Plav music

Press Menu > 3 Multimedia > Media plave

Controls

controls		
play/pause	Press 🔳.	
next/previous song	Press 🗖 right	
fast forward/ rewind	Press and hold	
volume	Press the side down .	
view videos full screen	Press z .	

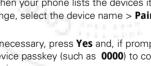
Tip: You can use other phone features when playing music, but games or radio turns the audio player off. If you receive a call while playing music, the player pauses automatically. Playing music resumes after you end the call

WEB

Surf the web

Note: If you can't connect, contact your service provider Use your phone's browser to surf your favorite websites. Press Browser from the home screen.

- To go to your home page, press Homepage
- To go to a webpage, press Input address and enter the URL using the keypad.
- To bookmark a page, press Options > Add to bookmarks.



nt or left.

d 🗖 riaht or left.

volume kevs **up** or

ΜΕΝU ΜΔΡ

- Prepaid
- Phonebook
- Games & Apps

Recent calls

- Call History
- Call Settings

Messages

- Push Mail Write Message
- Inbox
- Drafts
- Outbox
- Sent Messages
- Delete Messages
- Emergency Alert Message
- Templates
- Message Settings
- O Camera

My Folder

3 Multimedia

- Image Viewer
- Media Player
- Video Recorder
- Sound Recorder
- EM Badio
- Melody Composer

Tools

- Alarm
- World Clock
- Calendar
- Calculator Tasks
- Currency Converter

Settings

- Phone Settings
- Network Settings
- GPS Settings
- Security Settings
- Connectivity
- Restore Factory Settings
- Sound Effects
- User Profiles
- Browser

This is a standard menu layout. Your menu may be a little different.

DISPLAY

The home screen appears when you turn on the phone. Status indicators appear across the top of the screen:



Note: Your home screen may look a little different.

Safety, Regulatory & Lega

Battery Use & Safety

he following battery use and safety information applies to all Motorola mobile devices. If your mobile device uses a non-removable main battery (as stated in your product information) details related to andling and replacing your battery should be disregarded-the battery should only be replaced by a Motorola-approved service facility, and any attempt to remove or replace your battery may damage the

Important: Handle and store batteries properly to avoid injury or damage. Most battery safety issues arise from improper handling of batteries, and particularly from the continued use of damaged

Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of

- Don't use tools, sharp objects, or excessive force to insert or remove the battery as this can damage the battery
- Don't let the mobile device or battery come in contact with liquids.* Liquids can get into the 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.* High temperatures can cause
- hattery to swell leak or malfunction
- Don't dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave over

Do avoid leaving your mobile device in your car in high temperatures.*

states that your **mobile device** can resist damage from these condition

· 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

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

damaged in any of the ways listed here.

Motorola Original" hologram

vww.motorola.com/recvcling

Battery Charging

New hatteries are not fully charged

Driving Precautions

While driving, NEVER

Input navigation information

While driving, ALWAYS

Keep your eyes on the road

Surf the web.

Notes for charging your product's battery:

Third Party Accessories

n dispose of hatteries

 Do avoid dropping the mobile device or battery.* Dropping these items, especially on a hard surface, can potentially cause damag Do contact your service provider or Motorola if your mobile device or battery has been

* Note: Always make sure that any battery, connector and compartment covers are closed and secure

Important: Motorola recommends you always use Motorola-branded batteries and chargers

for quality assurance and safeguards. Motorola's warranty does not cover damage to the mobile

Motorola provides holograms on its batteries. You should confirm that any battery you purchase has a

If you see a message on your display such as Invalid Battery or Unable to Charge, take the following

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

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for

your local recycling center or national recycling organizations for more information on how

safety, it benefits the environment. You can recycle your used batteries in many retail or service

provider locations. Additional information on proper disposal and recycling can be found at

Disnosal: Promotly dispose of used batteries in accordance with local regulations. Contact

During charging, keep your battery and charger near room temperature for efficient battery

Motorola batteries and charging systems have circuitry that protects the battery from damage from

Use of third party accessories, including but not limited to batteries, chargers, headsets, covers, cases

ircumstances, third party accessories can be dangerous and may void your mobile device's warranty.

Responsible and safe driving is your primary responsibility when behind the wheel of a vehicle. Using a

mobile device or accessory for a call or other application while driving may cause distraction, and may

he prohibited or restricted in certain areas-always obey the laws and regulations on the use of these

creen protectors and memory cards, may impact your mobile device's performance. In some

New batteries or batteries stored for a long time may take more time to charge.

For a list of Motorola accessories, visit <u>www.motorola.com/products</u>

Type, read, enter or review texts, emails, or any other written data.

Perform any other functions that divert your attention from driving

Use a handsfree device if available or required by law in your area.

Enter destination information into a navigation device before driving

device caused by non-Motorola batteries and/or chargers. To help you identify authentic Motorola.

batteries from non-original or counterfeit batteries (that may not have adequate safety protection).

· Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram

to avoid direct exposure of the battery to any of these conditions, even if your product information.

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.

Keep your mobile device and its accessories away from small children. These products are no toys and may be bazardous to small children. For example

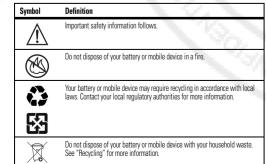
- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a hurn. Supervise access for older children. Similar to a computer, if an older child does use your mobile
- Improper use of apps or content
- Loss of data.

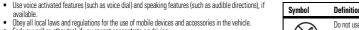
Some parts of your mobile device may be made of class. This class could break if the product receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a gualified service center.

Operational Warnings

Potentially explosive areas are often, but not always, posted and can include blasting areas, fueling stations, fueling areas (such as below decks on boats), fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or narticles such as grain dust or metal nowders. When you are in such an area, turn off your mobile device, and do not remove, install, or charge batterie. unless it is a radio product type especially qualified for use in such areas and certified as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). In such areas, sparks can occur and cause an explosion or fire

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





 End your call or other task if you cannot concentrate on driving. Remember to follow the "Smart Practices While Driving" at www.motorola.com/callsmart (in

Seizures, Blackouts & Evestrain

To reduce evestrain and avoid headaches, it is always a good idea to hold the screen a comfortable ance from your eves, use in a well-lit area, and take frequent breaks. Some people may be susceptible to seizures or blackouts (even if they have never had one before) when

exposed to flashing lights or light patterns, such as when playing video games, or watching videos with ashina-liaht effec ontinue use and consult a physician if any of the following symptoms occur: seizures, blackout

convulsion eve or muscle twitching loss of awareness or disorientation

If you or someone in your family has experienced seizures or blackouts, please consult with your physician before using an application that produces flashing-light effects on your mobile device.

Caution About High Volume Usage

Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. T louder the volume sound level, the less time is required before your hearing could be affected. To protect RF Energy Operational Precautions

- Limit the amount of time you use headsets or headphones at high yolume.
- Avoid turning up the volume to block out noisy surroundings Turn the volume down if you can't hear people speaking near you.

f you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing i 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 website at <u>direct.motorola.com/hellomoto/nss/</u> cousticSafety.asp (in English only).

Repetitive Motion

Children

- levice, you may want to monitor their access to help prevent
- Exposure to inappropriate apps or content.

Glass Parts

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

Potentially Explosive Areas

Svmbol Kev



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.

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the ouidelines 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 accessory (e.g., clip, holder, holster, case or arm hand). If you do not use a hody-worn accessory supplied or approved by Motorola, ensure that whatever product is used is free of any metal
- and that it positions the mobile device at least 2.5 cm (1 inch) away from the body. 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 website
- at: www.motorola.com.

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so, such as hospitals or health care facilities

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.

Medical Devices

If you have a medical device, including an implantable medical device such as a pacemaker or defibrillator. consult your healthcare provider and the device manufacturer's directions 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
- O 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

Specific Absorption Rate (FCC & IC) YOUR MOBILE DEVICE MEETS FCC AND IC LIMITS FOR EXPOSURE TO RADIO WAVES

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) adopted by the Federal Communications ommission (FCC) and Industry Canada (IC). These limits include a substantial safety margin designed to assure the safety of all nersons renardless of ane and health

The radio wave exposure quidelines use a unit of measurement known as the Specific Absorption Rate, or R. The SAR limit for mobile devices is 1.6 W/kq.

Tests for SAB are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the FCC and IC quidelines for your device model are listed below

1	Head SAR	UMTS 1900, Bluetooth	1.4 W/kg	Your Location Location-based information includes information that can be used to determine the approximate loce of a mobile device. Mobile devices which are connected to a wireless network transmit location-base
	Body-worn SAR	GSM 850, Bluetooth	1.4 W/kg	
				information. Devices enabled with location technology also transmit location-based information.

During use, the actual SAR values for your device are usually well below the values stated. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

If you are interested in further reducing your RF exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body. Additional information can be found at www.motorola.com/rfhealth.

European Union Directives Conformance Statement

The following CF compliance information is applicable to Motorola mobile devices that carry one of the following CF marks:

€0168

[Only Indoor Use Allowed In France for Bluetooth and/or Wi-Fil

- 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 FU Directive

For products that support Wi-Fi 802.11a (as defined in your product information): This device is restricted to indoor use when operating in the 5.15 to 5.25 GHz (802.11a) Wi-Fi frequency hand. The following gives an example of a typical Product Approval Number:





Increase the separation between the equipment and the receiver.

Consult the dealer or an experienced radio/TV technician for help.

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

FCC Notice to Users

The following statement applies to all products that bear the FCC logo on the product label. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuan to part 15 of the FCC Rules. See 47 CFR Sec. 15.105(b). 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.

Connect the equipment to an outlet on a circuit different from that to which the receiver is connected

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)

For products that support Wi-Fi 802 11a (as defined in your product information): This device is restricted to

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the

following two conditions: (1) This device may not cause interference and (2) This device must accept any

nterference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.

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

our mobile device can also use Assisted Global Positioning System (AGPS) which obtains information

network and therefore airtime, data charges, and/or additional charges may apply in accordance with your

Your mobile device can also use Wi-Fi signals to determine your approximate location, using information

ation-based information includes information that can be used to determine the approximate location

Additionally, if you use applications that require location-based information (e.g. driving directions), such

third parties, including your wireless service provider, applications providers, Motorola, and other third

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile

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

applications transmit location-based information. This location-based information may be shared with

from the cellular network to improve GPS performance. AGPS uses your wireless service provider's

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.

ncluding interference that may cause undesired operation. See 47 CFB Sec. 15 19(a)(3).

indoor use when operating in the 5.15 to 5.25 GHz (802.11a) Wi-Fi frequency band.

Industry Canada Notice to Users

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

the performance of location technology on your mobile device.

service plan. Contact your wireless service provider for details.

device to tell the emergency responders your approximate location

AGPS has limitations and minht not work in your area. Therefore

Smart Practices While Driving

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.

Location Services

from known and available Wi-Fi networks.

parties providing services

Emergency Calls

This device may not cause harmful interference, and (2) this device must accept any interference received.

certain areas—for example, handsfree use only may be required. 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 whereve 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 tins Get to know your Motorola mobile device and its features such as sneed dial, redial and

voice dial, if available, these features help you to place your call without taking your attention off the

 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 eves 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

 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

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 belo 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 mino 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

Privacy & Data Security

away from the road

Use & Care

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. Use your device's security and lock features, where available. Keep software up to date-If Motorola or a software/application vendor releases a patch

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.motoro-

Online accounts—Some mobile devices provide a Motorola online account (such as MOTOBI UR). Go to your account for information on how to manage the account, and how to use security features such as remote wine and device location (where available

Applications and updates—Choose your apps and updates carefully, and install from trusted sources only. Some apps can impact your phone's performance and/or have access to private information including account details, call data, location details and network resources Wireless—For mobile devices with Wi-Fi features, only connect to trusted Wi-Fi networks. Also when using your device as a hotspot (where available) use network security. These precautions will help prevent unauthorized access to your device

Location-based information—Mobile devices enabled with location based technologies such as GPS, AGPS or Wi-Fi, can transmit location-based information. See "Location Services" for more

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

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.

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

n't expose your mobile device to water, rain, extreme humidity, sweat, or other liquids.

on't try to dry your mobile device using a microwave oven, conventional oven, or dryer, as this may damage the mobile device.

extreme heat or cold

on't store or use your mobile device in temperatures below -10°C (14°F) or above 60°C 40°F). Don't recharge your mobile device in temperatures below 0°C (32°F) or above 45°C Don't expose your mobile device to dust, dirt, sand, food, or other inappropriate materials. advisor

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

shock and vibration on't drop vour mobile device

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

Recvclin

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 foun t: www.motorola.com/recycling

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 (in English only). 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 that 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 heen rated. Phones that are rated have the ration on their hox or a label on the hox. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipmen

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested vet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Contact your service provider or Motorola for information on bearing aid compatibility. If you have questions about return or exchange policies, contact your service provider or phone retailer. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your bearing 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

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

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 thirdparty 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 natent 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 Copyrig

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

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 his 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 (in English only Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software undates and allows you to subscribe to undates 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

product you will need to provide a copy of your dated sales receipt to confirm warranty status. Thank you for choosing a Motorola product.

Service & Repairs

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

Go to www.motorola.com/repair (United States) or www.motorola.com/support (Canada), where you can select from a number of customer care options. You can also contact the Motorola Customer Suppor 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)

How to Obtain Service or Other Information

- Please access and review the online Customer Support section of Motorola's consumer website prior to requesting warranty service.
- 2 If the Product is still not functioning properly after making use of this resource, please contact the Warrantor listed at the Motorola website or the contact information for the corresponding location.
- A representative of Motorola, or of a Motorola Authorized Repair Center, will help determine whether your Product requires service. You may be required to download, or otherwise obtain and accent software undates from Motorola or a Motorola Authorized Benair Center, You are responsible for any applicable carrier service fees incurred while obtaining the required downloads. Complying with the warranty process, repair instructions and accepting such software updates is required in order to receive additional warranty support
- If the software update does not fix the problem, you will receive instructions on how to ship the roduct to a Motorola Authorized Repair Center or other entity.
- To obtain warranty service, as permitted by applicable law, you are required to include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase: (b) a written description of the roblem; (c) the name of your service provider, if applicable; (d) your address and telephone number. In the event the Product is not covered by the Motorola Limited Warranty. Motorola will inform the consumer of the availability, price and other conditions applicable to the repair of the Product. To obtain service or other information, please access and review the online Customer Suppor section of Motorola's consumer website at www.motorola.com.

Motorola Mobility Inc. Limited Global Warranty Mobile Phones

Note: This Limited Warranty is not applicable in Quebec, Cana FOR CONSUMERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS N THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS

Who is Covered?

This Limited Warranty extends only to the first consumer purchaser of the Product, and is not transferable.

What Does this Limited Warranty Cover?

Motorola Mobility Inc. or its subsidiaries' warranty obligations are limited to the terms and conditions set orth herein. Subject to the exclusions contained below, Motorola Mobility Inc or its subsidiaries Notorola") warrant this Mobile Phone, and any in-box accessories which accompany such Mobile Phone "Product") against defects in materials and workmanship, under normal consumer use, for a period of ONF YEAR from the date of retail purchase by the original end-user purchaser, or the period of time required the laws of the country where the Product is purchased, whichever is longer ("Warranty Period"). Renairs made under this Limited Warranty are covered for the balance of the original Warranty Period, or 90 days from the date of service, whichever is longer. Any upgrade to the original product will be covered only for the duration of the original Warranty Period

This Limited Warranty is only available in the country where the Product was purchased. Motorola may provide service outside the country of purchase, to the extent that it is possible and under the terms and conditions of the country of nurchase

is Limited Warranty applies only to new Products which are a) manufactured by or for Motorola as identified by the "Motorola" trademark, trade name, or logo legally affixed to them; b) purchased by consumers from an authorized reseller or distributor of Motorola Products; and c) accompanied by this written Limited Warranty.

What Will Motorola Do?

a covered defect or damage arises and a valid warranty claim is received within the applicable Warranty Period, Motorola, at its sole option, unless otherwise required by applicable law, will either (1) repair, at no charge, the defect or damage using new, used or reconditioned/refurbished functionally equivalent replacement parts: or (2) exchange the Product with a replacement Product that is new or which has been reconditioned/refurbished or otherwise remanufactured from new or used parts and is functionally equivalent to the original Product; or (3) refund the purchase price of any Products covered by the terms and conditions of this Limited Warranty

Products, parts and supporting documentation provided to Motorola as part of the warranty process, shall become the property of Motorola, and may not be returned. When a replacement or refund is given, the Product for which the replacement or refund is provided must be returned to Motorola and shall become the property of Motorola

Exclusions (Products and Accessories)

This warranty does not apply to:

(a) Consumable parts such as batteries or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship. As with all batteries, the maximum canacity of the hattery will decrease with time and use: this is not a defect. Only defective hatteries and batteries that leak are covered by this warranty.

Cosmetic damage including but not limited to scratches dents, cracks or other cosmetic damage Damage caused by use with non-Motorola products. Defects or damage that result from the use f non-Motorola branded or certified Products, accessories or other peripheral equipment, including without limitation housings, parts, or software, are excluded from coverage

d) Damage caused by accident, abuse, misuse, liquid contact, fire, earthquake or other external causes; including but not limited to: (i) improper usage or operation (e.g. operating the Product outside their permitted or intended uses as defined by Motorola, including but not limited to as set forth by Motorola in the Products' User Manual, Quick Start Guide, Online Tutorials, and other documentation). improper storage (e.g. subjecting the Product to extreme temperatures), abuse or neglect (e.g. broken/ bent/missing clips/fasteners/connectors); impact damage (e.g. dropping the Product) (ii) contact with liquids water rain extreme humidity heavy perspiration or other moisture; sand food dirt or similar substances (excent for Products sold as resistant to such substances, but only to the extent the damage was not caused by incorrectly securing the phone's protective elements or subjecting the Product to conditions beyond its stated specifications or limits); (iii) use of the Products for commercial rental nurnoses: or (iv) external causes or acts which are not the fault of Motorola, including but not limited to flood, fire, earthquake, tornado or other acts of God, are excluded from coverage.

e) Unauthorized Service or Modification. Defects or damage resulting from service, testing. adjustment installation maintenance alteration or modification in any way including but not limited to tampering with or altering the software by someone other than Motorola, or its authorized service centers, are excluded from coverage. Notwithstanding the foregoing, any Product which has had its hootloader unlocked, or whose operating system has been altered, including any failed attempts to unloc the bootloader or alter such operating system, is not covered by this warranty, regardless of whether such modifications are authorized approved or otherwise sanctioned by Motorola

f) A product or part that has been modified in any manner without the written permission of otorola. Products that have been altered in any manner so as to prevent Motorola from determining whether such Products are covered under the terms of this Limited Warranty are excluded from coverage The forming shall include but not be limited to (i) serial numbers, date tags or other manufacturer coding that has been removed, altered or obliterated; (ii) mismatched or duplicated serial numbers; or (iii) broken seals or other evidence of tampering. Do not open the Product or attempt to repair the Product yourself: such conduct may cause damage that is not covered by this warranty

q) Normal wear and tear or otherwise due to the normal aging of the Product.

Defects, damages, or the failure of the Product due to any communication service or network you subscribe to or use with the Products

(i) All software, including operating system software, third-party software, applications, and all other software of any kind. Software distributed by Motorola is provided "AS-IS" and "AS AVAII ABI F

WITH ALL FAULTS" and without a warranty of any kind. The Limited Warranty does not apply to any non-Motorola product or any software, even if packaged or sold with the Motorola hardware, unless otherwise required by applicable local law.

i) Products that have been refurbished, reconditioned, or remanufactured, except for Products

renaired or replaced oursuant to the terms of this Limited Warranty. If damage is outside the scope of warranty coverage, repair services may be available, but all costs associated with such out of warranty repair will be your responsibility

What Other Limitations are There?

 TO THE EXTENT PERMITTED BY APPLICABLE LAW THIS LIMITED WARRANTY AND THE REMEDIE ET FORTH HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES VHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. NO ORAL OR WRITTEN REPRESENTATIONS MADE BY MOTOBOLA OR ANY SELLER, RESELLER OR DISTRIBUTOR OF THE PRODUCTS INCLUDING EMPLOYEES AND AGENTS THEREOF SHALL CREATE ANY ADDITIONA WARRANTY OBLIGATIONS, INCREASE THE SCOPE, OR OTHERWISE MODIFY IN ANY MANNER TH TERMS OF THIS LIMITED WARRANT

TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA SPECIFICALLY DISCLAIMS ANY AND LL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT AND ALL WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. WHERE SUCH STATUTORY OR IMPLIED WARRANTIES CANNOT LAWEILLY RE DISCLAIMED. THEN TO THE EXTENT PERMITTED BY LAW, AL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THE EXPRESS LIMITED WARRANTY CONTAINED HEREIN AND THE REMEDIES OF REPAIR. REPLACEMENT, OR REFUND AS DETERMINED BY MOTOROLA IN ITS SOLE DISCRETION SHALL BE THE EXCLUSIVE REMEDY OF THE

 TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA DOES NOT WARRANT THAT THE OPERATION OF ANY PRODUCTS OR SOFTWARE COVERED UNDER THIS LIMITED WARBANTY WILL MEET YOUR REQUIREMENTS, WORK IN COMBINATION WITH ANY HARDWARE OR SOFTWARE APPLICATIONS OR THIRD PARTY SERVICES, BE UNINTERRUPTED, ERROR-FREE, OR WITHOUT RISK O, OR LOSS OF, ANY INFORMATION, DATA, SOFTWARE OR APPLICATIONS CONTAINED THEREIN, OR THAT DEFECTS IN THE PRODUCTS OR SOFTWARE WILL BE CORRECTED. TO THE EXTENT PERMITTED BY APPLICABLE LAW. IN NO EVENT SHALL MOTOROLA BE LIABLE WHETHER IN CONTRACT, TORT OR UNDER OTHER LEGAL THEORY (INCLUDING NEGLIGENCE), FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCTS. OR FOR ANY INDIRECT. INCIDENTAL SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS: LOSS OF BUSINESS: BUSINESS INTERBUPTION: LOSS OF OPPORTUNITY: LOSS OF DDWILL: LOSS OF REPUTATION: LOSS OF, DAMAGE TO, OR CORRUPTION OF INFORMATION, DATA. SOFTWARE OR APPLICATIONS (INCLUDING ANY COSTS ASSOCIATED WITH RECOVERING. PROGRAMMING OR REPRODUCING ANY INFORMATION DATA SOFTWARE OR APPLICATION STORED ON OR USED WITH MOTOROLA PRODUCTS, OR ANY FAILURE TO MAINTAIN THE CONFIDENTIALITY OF ANY INFORMATION OR DATA STORED ON THE PRODUCTS); OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCT

 SOME STATES OR JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF INCIDENT OR CONSEQUENTIAL DAMAGES, OR THE EXCLUSION OR LIMITATION ON THE LENGTH OF AN MPLIED WARRANTY OR THE LIMITATION OR EXCLUSION OF DAMAGES FOR PERSONAL IN ILIRIE AUSED BY NEGLIGENCE SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO Y THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE OR JURISDICTION

DATA BACKUP: ALL INFORMATION DATA SOFTWARE OR OTHER APPLICATIONS INCLUDING BUT NOT LIMITED TO PERSONAL CONTACTS, ADDRESS BOOKS, PICTURES, MUSIC AND GAMES WILL B SED DUBING THE REPAIR PROCESS, AND CAN NOT BE REINSTALLED BY MOTOROLA, TO AVOL LOSING SUCH INFORMATION, DATA, SOFTWARF OR OTHER APPLICATIONS PLEASE CREATE A BACK IP REFORE YOU DELIVER YOUR PRODUCT FOR WARRANTY SERVICE REMOVE ANY CONFIDENTIA PROPRIETARY OR PERSONAL INFORMATION AND DISABLE ANY SECURITY PASSWORDS. YOU WILL RESPONSIBLE FOR REINSTALLING ALL SUCH INFORMATION, DATA, SOFTWARE, OTHER APPLICATIONS AND PASSWORDS. MOTOROLA AND/OR ITS ALITHORIZED SERVICE CENTERS AR NOT RESPONSIBLE FOR THE LOSS OR MISUSE OF ANY DATA. FILES, CONTENT APPLICATIONS AND PROGRAMS WHEN THE PRODUCT IS DELIVERED FOR WARRANTY SERVICE. YOUR PRODUCT OR A REPLACEMENT PRODUCT WILL BE RETURNED TO YOU AS YOUR PRODUCT WAS CONFIGURED WHEN ORIGINALLY PURCHASED SUBJECT TO APPLICABLE SOFTWARE UPDATES MOTOROLA MAY INSTAL OPERATING SYSTEM SOFTWARE UPDATES AS PART OF WARRANTY SERVICE THAT MAY PREVEN THE PRODUCT FROM REVERTING TO AN EARLIER VERSION OF THE OPERATING SYSTEM SOFTWARE THIRD PARTY APPLICATIONS INSTALLED ON THE PRODUCT MAY NOT BE COMPATIBLE OR WORK WITH THE PRODUCT AS A RESULT OF THE OPERATING SYSTEM SOFTWARE UPDATE MOTOROU AND ITS AUTHORIZED SERVICE CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OF, OR INABILITY TO JSE, SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS

WARNING AGAINST UNLOCKING THE BOOTLOADER OR ALTERING A PRODUCT'S **OPERATING SYSTEM SOFTWARE:** MOTOBOLA STRONGLY RECOMMENDS AGAINST ALTERING A ICT'S OPERATING SYSTEM, WHICH INCLUDES LINEOCKING THE BOOTLOADER, BOOTING A DEVICE OR BUNNING ANY OPERATING SOFTWARE OTHER THAN THE APPROVED VERSIONS ISSUE BY MOTOROLA AND ITS PARTNERS. SLICH ALTERATIONS MAY PERMANENTLY DAMAGE YOUR PRODUCT, CAUSE YOUR PRODUCT TO BE UNSAFE AND/OR CAUSE YOUR PRODUCT TO MAI FUNCTION. IN SUCH CASES. NEITHER THE PRODUCT NOR ANY DAMAGE RESULTING. THEREEBOM WILL BE COVERED BY THIS WARRANT

IMPORTANT FCC INFORMATION: YOU MUST NOT MAKE OR ENABLE ANY CHANGES TO THE RODUCT THAT WILL IMPACT ITS FCC GRANT OF FOUIPMENT AUTHORIZATION. THE FCC GRANT IS BASED ON THE PRODUCT'S EMISSION, MODULATION, AND TRANSMISSION CHARACTERISTICS NCLUDING: POWER LEVELS, OPERATING FREQUENCIES AND BANDWIDTHS, SAR LEVELS, DU CLE, TRANSMISSION MODES (E.G., CDMA, GSM), AND INTENDED METHOD OF USING THE PRODUCT (E.G., HOW THE PRODUCT IS HELD OR USED IN PROXIMITY TO THE BODY). A CHANGE TO ANY OF THESE FACTORS WILL INVALIDATE THE FCC GRANT. IT IS ILLEGAL TO OPERATE A FRANSMITTING PRODUCT WITHOUT A VALID GRAN

Copyright & Trademarks

onsumer Advocacy Office 600 N US Hwy 45 Libertwille II 60048 www.motorola.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:

1-800-331-6456 (United States) 1-888-390-6456 (TTY/TDD United States for hearing impaired 1-800-461-4575 (Canada)

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 quide, 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

Note: The images in this quide are examples only MOTOBOLA and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC, All other product or service names are the property of their respective owners. 011 Motorola Mobility, Inc. All rights reserved. Caution: Motorola does not take responsibility for changes/modification to the transceiver. Product ID: Motorola EX431G Manual Number: TBD-A