MOTO XT681

MOTOROLA USER MANUAL
Device type:XT681

HELLOMOTO

Your MOTO XT681 is a brand new ultra thin touchscreen cell phone, with cool interface, a huge wear-resistant touch screen, 800MHz processor and high-quality multimedia. You will have a brand new and fascinating user experience.

Note:● Certain apps and features may not be available in all countries.

● XT681 looks like a computer. Many of the features, such as software update, global time, email, and etc., require special network features. Using network services involves transmission of data. Before you start to use your phone, apply for a data-flow package from your service provider (The package with billing on time system may charge more.) Some junk information on the internet may lead to the frequent wake of your phone and thus influence the standby time of the battery. Hence, when you are not using data service, deactivate data network through the settings or widgets on the phone to prevent from the unnecessary billings according to flow and the extension of the standby time of your

phone as well.

The actual SAR of this device while operating is typically below the ICNIRP SAR limit 2 W/kg. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. For the SAR data of this product, refer to the Safety, Regulatory and Legal information.

Note: To comply with local regulatory requirements concerning exposure of human beings to RF energy, 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 cm (1 inch) from your body when transmitting. Note that even if you don't make a call, your product might receive and transmit RF energy.

This user guide introduces the functions, tips and cautions of the device. Read the complete user guide before operating the equipment.

Motorola Service Website:

http://www.motorola.com.cn/service

TEL:

  400-810-5050, (021)38784655

Service time:

  Monday to Sunday: 9am-8pm.

  FAX: (010)65668800

If you intend to purchase any Motorola accessory or phone, visit us onhine at www.motostore.com.cn or dial 4006-123456.

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. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

Warning:Any changes or modifications not expressly approved by Motorola could void the user's authority to operate this equipment.

Contents

Warning: Before using the phone for the first time, read the Safety, Regulatory and Legal Information guide included in the box.

About this guide
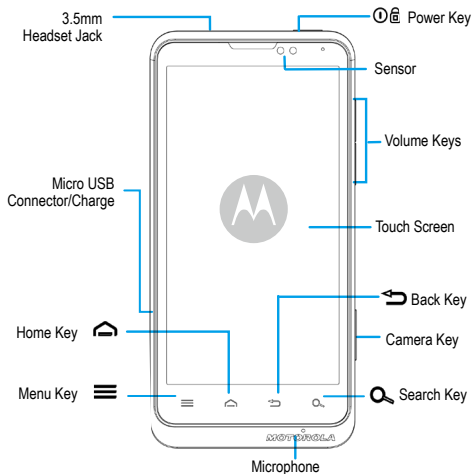
Read the guide for the basic functions of the phone.

Symbol	Indication
☎	This means a feature is network, UIM card, or subscription dependent and may not be available in all areas. Contact your service provider for more information.
⊟	This means a feature requires an optional accessory.

Your phone

3.5mm
Headset Jack

⓪🔒 Power Key

Sensor

Volume Keys

Micro USB
Connector/Charge

Touch Screen

↩ Back Key

Home Key ⌂

Camera Key

Menu Key ☰

≡   ⌂   ↩   🔍   🔍 Search Key

Microphone

Note: ● Your phone might look a little different.

● The software of the phone are continuously updated. Not all functions might be included in this guide. The guide is for your referece only. For the latest guide, see http://www.motorola.com.cn/service/product.asp.

● The phone provides online update service. You can update your phone at any time. Online update will not influence your personal information and data. You might better backup your contacts and information to SD card before updating. Such service might bring data flow and fees. For specific fees, contact your service provider.

● For phone update, PC software, user guide and online help, visit www.motorola.com/mydefyplus.
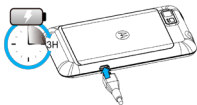
Assemble & charge

1 UIM in
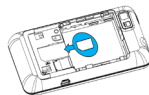
2 Battery in
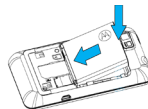
3 Cover on

4 Cover locked

5 Charge up

Note: To protect your phone, ensure that the battery cover and the covers of all the connectors are closed and safe.

Tip:

● Memory card: You are provided with a SD card in the box. Before using the phone, install the SD card. Else, you might fail to use Camera and Cancamera normally. Before removing the SD card, ensure that the SD card is disconnected from the phone. Press ≡ > Settings > Storage > Erase SD card.

● Battery: For battery installation and more battery charging details see your Battery Use & Safety.

Turn on & off the phone

Tip: The initialization of the phone might take some time. Wait patiently.

Turn on the phone

Touch and hold ①🔒 (on top of the phone) to power on the phone.

If you have configured the personal identification number (PIN) to protect your UIM card from unauthorized use. Then before switching on the phone, you are prompted to enter the PIN code of your UIM card.

Note: If you enter an incorrect PIN code three times before the correct code, your UIM card is disabled. You will not be able to use your phone. In this case, contact your service provider for the PUK code to unlock your PIN code.

Turn off the phone

1 To turn your phone off, press and hold ①🔒.

2 On the menu, touch and hold Power off.

Home screen

The home screen gives you all your latest information in one place. You might start to know all the functions of your phone, define the home screen with different wallpapers, and add the applications to the home screen according to your needs.

Status bar

Widget

SHOP4APP   Browser   Settings   Camera

Shortcut

Drag left or right to view the extension of the home screen.

To open the launcher

Note:● The home screen of your phone might look a little different. Take the actual product as the standard.

● Your phone supports data-intensive applications and service. You are advised to subscribe to data flow package according to your needs. For details, contact your service provider.

The status indicator at the top of the screen notifies you of

the time, new messages or events. Touch and hold to open the launcher and view the installed applications. On the interface of any application, press to return to the default home screen.

The use of touch screen

You can make operations on the icons, buttons or on-screen keypad with your finger.

● Touch: To select an icon or option.

● Touch and hold: To open an option

● Drag: To slowly scroll or move.

● Glide: To quickly scroll or move.

● Two-finger zoom: Touch and hold the screen with two fingers, stretch or combine the two fingers to zoom in and out on maps, websites, and photos.

Keys

The four keys at the bottom of the screen help you to use the multiple functions and shortcuts.

Menu Key: To open the menu options.

Home Key: To return to the home screen.

Back Key: To return to the previous screen.

Search Key: To seach for the text.

Applications

On the home screen, touch and hold to open the launcher and view all the installed applications.

Touch ⌂ or ⇦ to close the launcher and return to the home screen.

● Launcher: To open the launcher, touch and hold on the home screen. To close the launcher, touch ⌂ or ⇦.

Tip:Download the applications from trusted websites. Some applications might influence the performance of your phone.

Text entry

You can edit the text message, and email message and search for the text with the onscreen keyboard.

To open the onscreen keypad,touch and hold the text entry area. To close the onscreen keypad, press ⇦.

Tip:Press 🔒 to lock the screen. Press 🔒 , and then drag 🔓 right to unlock the screen.

Note:If the sensors on the right top of screen are covered, it might cause the screen to be shut up. Don't use protection cup, or protective film to cover the sensor.

Delete key

Number key Space key To select Moto input method

To change writing language
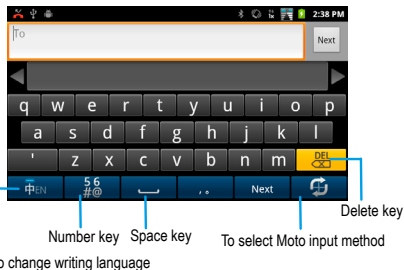
Tips & tricks

a few handy hints

To...	Shortcuts
lock the screen	Press ≡ > Settings > Location & security > Set up screen lock.
Bluetooth,WLAN and GPS	Touch and press the blank space on the home screen. On the Add to Home screen interface, select Motorola widgets > Bluetooth toggle, WLAN toggle, or GPS toggle.
Change themes	Press ≡ > Themes, and select from Home, Work, or Weekend.

Quick start

Quick start

Searching

Press search key 🔍 , open the search field, touch and hold the onscreen keypad and input the key word to search.

text searching
Input the text, touch and hold →

Select the searching content
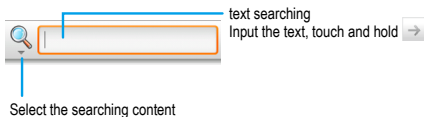
Notifications

At the top of the screen is the status bar. Notifications in the status bar notify you about missed calls, or new messages and events. Touch and hold, then flick the bar down to view all the notifications. Touch and hold one notification to view its details.
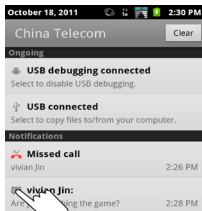
You can define widgets, wallpapers, ringtones and others.

● Home screen: Touch and hold the blank space on the home screen, until Add to Home screen interface appears.

Tip: To move or delete the shortcuts or widgets on the home screen, touch and hold the shortcut or widget, and drag it to another place or the trash can on the top of the screen.

● Ringtones: Press [icon] > Settings > Sound.

Touch ☰ to access Settings.
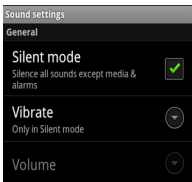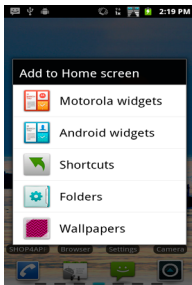
Touch and hold the blank space on the home screen to access the menus on the home screen.

Calls

You can access dial panel, Call log, Contacts, Group and Favorites.

Find it: Press > Phone

In call   Call timer

Voice mailbox   Call log

Conference call

Contacts, Group and Favoirtes

Tip:During a call, press ⌂ or ⤺ to hide the screen of current call and allows you to use other application.
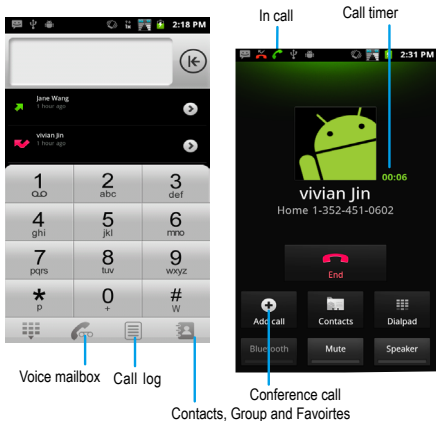
Note:The use of wireless devices and their accessories may cause distraction. Always obey the laws and regulations on the use of these products.

Contacts

Find it > **Contacts**

- Glide: Glide or drag the contacts list.
- Search: Press 🔍, to open the keyboard on the screen and then input the contact's name.

Group

Contacts list

Press ▤ to access New contact, Import/Export, Display options, and etc.
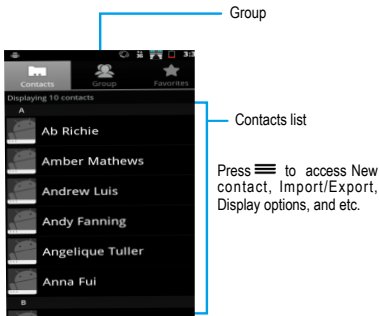
Messaging

You can receive and send text message.

Find it: Press **> Messaging**
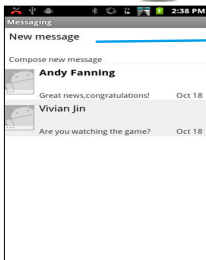
 ————— Create a new message

————— Message list

Press ☰ > Settings to make the settings.

You can use multimedia to shoot and share pictures and videos.Besides, you can listen to music.

- Camera: Press [icon] > Camera. To take a picture, press [icon].

- Video: Press [icon] > Camcorder. Press [icon] to start shooting and press [icon] to stop shooting.

- To view the pictures and videos, press [icon] > Gallery.

- Music: Press [icon] > Music.
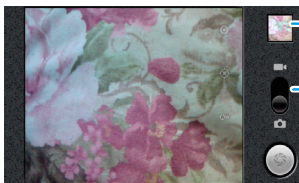
View the picture that was taken

Switch to Camcorder

Artist
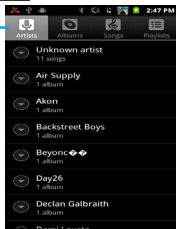
You can surf the web sites, download files and application, and find information from the internet.

- Browser: Press > Browser to surf the web.
- Content-rich website: You can surf your favorite websites with Adobe Flash Player 10.3.

Connected
Mobile internet:3G & WLAN

Touch ☰ to open browser options.

Note: ● Your service provider may charge to surf the Web or download data. For details about the service and charges, please contact your service provider.

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

Wireless & Networks

Your phone supports wireless network. Press > Settings > Wireless & networks.

- Bluetooth: You can connect your phone with a Bluetooth audio device, such as a handsfree headset or music system.

  Note:● 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 information about the accessories, see www.motorola.com/products.

- WLAN:To have faster connection to the wireless network, select WLAN settings, and your desired net. For more information, press > Settings.

Touch and hold to turn on

Troubleshooting

Troubleshooting

When you have trouble with your phone, you might check the following troubleshooting information:

Problems	Troubleshooting
Has the battery been charged?	Battery icon shall have the grid like . If there is no grid, charge your battery.
Is the valid UIM card inserted?	If necessary, switch off your phone and ensure the valid UIM card is inserted.
Is your phone ruined or damped?	Dropping, damping or using non Motorola-branded batteries and/or chargers may ruin your phone. Motorola's warranty does not cover damage to the mobile device caused by damping with liquid or using non-Motorola batteries and/or chargers.
Is non Motorola-branded battery and/or charger used?	
Is there signal on the phone?	There should be at least one grid in the signal strength icon. If there is no grid, use your phone where there is strong signal.
What if your voice can't be heared during the call?	Ensure that the call is not configured to "Hold". Additionally, ensure that the microphone on your phone is not blocked by any original accessory or retention.

Refer to the following specific troubleshooting:

Problems	Troubleshooting
What if your phone is stolen?	Report to the local public security burea and your service provider.
Press and hold the power key, but the phone is not switched on.	Ensure that you have pressed and held Ⓞ🔒 (Power key), until the display screen is opened in a few minutes. If it still doesn't work, check whether the charged battery is correctly installed.
UIM has been inserted. But the screen still hints that no UIM card is inserted.	The UIM card might be incorrectly inserted. Check the UIM card and ensure it is correctly inserted. Ensure your UIM card is valid. Switch off the phone, reinsert the UIM card, and then switch on the phone.
The screen hints UIM card is locked. How to unlock the UIM card?	Contact your service provider for PUK.
When performing a certain function, the phone requires you to input the lock code.	Input preset lock code "0000" or "1234". If it still doesn't work, contact your service provider.
There are alternate high-pitched and low-pitched voices, when making a call.	Your phone call doesn't access the wireless network system.The reason might be that you make the call when the phone is just switched on. Wait till the service provider name appears on the display and then make the call.

Problems	Troubleshooting
Fail to dial/receive a call.	Maybe you have activated call restriction. If you know the password, change the settings. Or check the UIM card, and ensure the UIM card is inserted and can normally work.
Your phone has poor receiving function and always drops the line.	Ensure that the antenna of your phone is not destroyed and the phone has strong signal. Keep away from barriers, such as bridge, parking garage or high-rise building.
Fail to hear the voice of the other party during a call.	During the call, adjust the volume keys. Ensure the earpiece is not blocked by any parenthesis. In some cases, it may caused by the transmission of calling target or telecommunication network.
The display of the phone is too dark.	Select 🔘 > Settings > Display > Brightness to adjust the screen brightness.
The Browser is activated, but the screen hints that it fails to provide the service.	Your phone might be out of service. Or, the connected network doesn't support internet access.
The Browser is activated. But the screen hints that no response from server.	The server may be busy at the moment. Please wait a moment and try again.

Specific Absorption Rate Data

This model meets international guidelines 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 recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobiles devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 1 W/kg, which meets international guidelines of GB21288-2007.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a "hands-free" device to keep the mobile phone away from the head and body.

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

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a "hands-free" device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organization (http://www.who.int/emf) or Motorola, Inc.(http://www.motorola.com/rfhealth).

Battery Use & Safety

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

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

DON'TS

- Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.
- Don't let the mobile device or battery come in contact with liquids.* Liquids can get into the mobile device's circuits, leading to corrosion.
- 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 the battery 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 oven.

DOs

- Do avoid leaving your mobile device in your car in high temperatures.*
- Do avoid dropping the mobile device or battery.* Dropping these items, especially on a hard surface, can potentially cause damage.*
- Do contact your service provider or Motorola if your mobile device or battery has been damaged by dropping, liquids or high temperatures.

Note: Always make sure that the battery compartment and any connector covers are closed and secure to avoid direct exposure of the battery to any of these conditions, even if your product information states that your mobile device can resist damage from these conditions.

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 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), Motorola provides holograms on

its batteries. You should confirm that any battery you purchase has a "Motorola Original" hologram.

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

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

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. You can recycle your used batteries in many retail or service provider locations. Additional information on proper disposal and recycling can be found at www.motorola.com/recycling

Disposal:Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center

or national recycling organizations for more information on how to dispose of batteries.

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

Battery Charging

Notes for charging your product's battery:

- During charging, keep your battery and charger near room temperature for efficient battery charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to change.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.
- The standby time of this device is about 175 hours. Systematic environment, device settings and the use of Bluetooth will infulence the actual standby time.

Third Party Accessories

Use of third party accessories, including but not limited to batteries, chargers, headsets,covers, cases, screen protectors and memory cards, may impact your mobile

device's performance. In some circumstances, third party accessories can be dangerous and may void your mobile device's warranty. For a list of Motorola accessories, visit www.motorola.com/products

Driving Precautions

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. Using a mobile device or accessory may be prohibited or restricted in certain areas, always obey the laws and regulations on the use of these products.

While driving, NEVER:

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

While driving, ALWAYS:

- Keep your eyes on the road.
- Use a handsfree device if available or required by law

in your area.

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

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

Seizures/Blackouts

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

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

mobile device.

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

Caution About High Volume Usage

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

To protect your hearing:

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

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our website at

direct.motorola.com/hellomoto/nss/AcousticSafety.asp (in English only).

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck,or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

Children

Keep your mobile device and its accessories away from small children. These products are not toys and may be hazardous to small children. For example:

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

Similar to a computer, if a child does use your mobile device, you may want to monitor their access to help prevent exposure to inappropriate apps or content.

Glass Parts

Some parts of your mobile device may be made of glass. This glass 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 qualified service center.

Operational Warnings

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

Potentially Explosive Atmospheres

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

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries unless it is a radio product type especially qualified for use in such areas

as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

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

Symbol	Definition
⚠	Important safety information follows.
🚯	Do not dispose of your battery or mobile device in a fire.
♻ ⚛	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
🗑	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.
⊗	Do not use tools.
⌂	For indoor use only.

Radio Frequency (RF) Energy

Exposure to RF Energy

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

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

RF Energy Operational Precautions

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

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or

approved by Motorola, keep the mobile device and its antenna at least 2.5 cm (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 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.

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.

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, pursuant 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.

● 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.

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.

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.

For products that support Wi-Fi 802.11a (as defined in the product specifications available at www.motorola.com), the following information applies. This equipment has the capability to operate Wi-Fi in the 5 GHz Unlicensed National Information Infrastructure (U-NII) band. Because this band is shared with MSS (Mobile Satellite Service), the FCC has restricted such devices to indoor use only (see 47 CFR 15.407(e)). Since wireless hot spots operating in this band have the same restriction, outdoor services are not offered. Nevertheless, please do not operate this device in Wi-Fi mode when outdoors.

Information from the World Health Organization

"A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established for mobile phone use."

Source: WHO Fact Sheet 193

Further information: http://www.who.int/emf"

Location Services (GPS & AGPS)

The following information is applicable to Motorola mobile devices that provide location based (GPS and/or AGPS) functionality.

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

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

Your Location

Location-based information includes information that can be used to determine the approximate location of a

mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

Emergency Calls

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

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

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

Navigation

The following information is applicable to Motorola mobile

devices that provide navigation features.

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

Smart Practices While Driving

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example, handsfree use only may be required. Go to www.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, redial and voice dial. If available, these features help you to place your call without taking your attention off the road.

- When available, use a handsfree device. If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.

- Position your mobile device within easy reach. Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.

- Let the person you are speaking with know you are driving; if necessary,suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet,snow, ice, and even heavy traffic can be hazardous

- Do not take notes or look up phone numbers while driving. Jotting down a "to do"list or going through your address book takes attention away from your primary responsibility—driving safely.

- Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic. If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

- Do not engage in stressful or emotional conversations that may be distracting.Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.

- Use your mobile device to call for help. Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).

- Use your mobile device to help others in emergencies. If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number (wherever wireless phone service is available), as you would want others to do for you.

- Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

Privacy & Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please followthese 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 or software fix for your mobile device that updates the device's security, install it as soon as possible.

- Secure Personal Information—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.

  Note:For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support

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

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

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

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

Use & Care

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

liquids

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

extreme heat or cold

Don't store or use your mobile device in temperatures below -10°C (14°F) or above 60°C (140°F). Don't recharge your mobile device in temperatures below 0°C (32°F) or above 45°C (113°F).

microwaves

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

dust and dirt

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

cleaning solutions

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

cleaning solutions.

shock and vibration

Don't drop your mobile device.

protection

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

Recycling

Mobile Devices & Accessories

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

※ If any description in this guide doesn't accord with your phone. Please take your phone as the standard.
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Content Copyright

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

Motorola Registration by SMS

Dear user:

To provide more convenient after-sale service, after you purchase a Motorola device and start to use it, the device will automatically send the IMEI/ESN/MEID in two registration messages to the designated server of Motorola. Motorola will provide after-sale service by referring to the received IMEI/ESN/MEID.

Note: Sending such a registration message charges equal to sending two messages (For billing information, contact your service provider.) After you purchase the device, it means that you have accepted the agreements. For further information, call Motorola hotline:400-810-5050.

European Union Directives Conformance

Statement
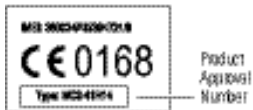
The above gives an example of a typical Product Approval Number. Take the corresponding content in your phone as standard.

Open Source Software Information

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, you may send your request in writing to the address below. Please make sure that the request includes the model number and the software version number.
MOTOROLA MOBILITY, INC.
OSS Management
600 North US Hwy 45
Libertyville, IL 60048
USA
The Motorola website opensource.motorola.com (in English only) also contains information regarding Motorola's use of open source.
Motorola has created the opensource.motorola.com to serve as a portal for interaction with the software community-at-large.
To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please select ◉ > Settings > About phone > Legal information. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

Copyright & Trademarks

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.

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WWW.MOTOROLA.COM.CN

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