

User Guide

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1. Preface

Thank you for choosing this Spreadtrum Platform Cellphone.

This device will offer you an unprecedented surprise for it can support two GSM cards with double standby. Meanwhile, this cellphone is equipped with a 3 megapixel HD digital camera, a MP3 music player and a MP4 video player. Enjoy yourself!

Safety

Please go through, and comply with, the following considerations before using this cellphone.

- ◆  Please take earphone if making or answering a call while driving or after you car is parked.
- ◆  The cellphone may interfere with aircraft telecommunication. So please turn off or switch to flight mode during the flight.
- ◆  Any cellphone may be susceptible to interference, which could affect performance.
- ◆  Please turn off your cellphone near the medical equipment or in the medical facility where any cellphone must be out of service.
- ◆  Please use the original battery and accessories in order to have optimal performance and prevent phone damage. Please don't use unmatched products.
- ◆  Please turn off your cellphone in the gas station or near fuel or chemicals to prevent explosion.
- ◆  To avoid interference with blasting work, please turn off the cellphone on the site or where two-way radio must be switched off. Please observe the local rules.
- ◆  Burning or disposing of cellphone battery as usual is prohibited, or it may cause life risk or environmental pollution. Please dispose of and recycle it in compliance with the local environmental regulations.
- ◆  If your cellphone needs to be connected with other device, please read the User Guide of the latter.
- ◆  Some small components (e.g. memory card, etc.) shall be out of children's reach; otherwise it may be swallowed or cause other hazards.
- ◆  Please copy or keep a written copy of the vital information stored in your cellphone.
- ◆  Ensure the cellphone is turned on and within the service area. Enter the emergency number, press the talking key to tell your location. Please don't end the call without permission.

2. Quick Start Guide

2.1 Insert SIM card and battery

- Press turn it off;
- Slide the cover downwards and remove it;

Remove the battery. Insert SIM Card 1 (per the mark “**SIM1**” on the card slot. The contactor shall face down (note the notch on the SIM card is in line with the slot). Push the SIM card inwards from the card slot until it absolutely fits the slot. Insert SIM Card 2 in the same manner.

Insert the battery with metallic contact aligned to the cellphone battery contact and replace the cover.

2.2 Insert memory card

This cellphone supports the T-Flash memory card. After it is inserted, you can browse or copy, etc. the files stored in the memory card. Also, the memory space of this device can be expanded.

- Remove the cover and battery and turn over the cover of the memory card in the direction as shown thereon;
- Let the side of the memory card bearing metallic contact face down, insert the narrower end into the card slot until absolutely fitted by it, and replace the back cover.

2.3 Battery charging

The cellphone battery may be charged with travel charger.

- Insert the battery in the device correctly;
- Let the charger arrow towards the screen, insert the charger plug into the interface, and connect the charger to the standard power supply socket.
- After charging is over, cut off the connection between the charger and the standard power supply socket.

3. Call

3.1 Dialpad

Press the physical keyboard to enter the dialpad

Press “Call”, escape the SIM card select screen. Select SIM1 to dial with SIM1; select SIM2 to dial with SIM2

Press “IP” button to carry out IP dial;

3.2 Making an overseas call.

Enter the country code (in this case, “+” shall be entered by pressing * twice continuously);

Enter the area code (without “0” prefixed to that as usual) and the phone number;

Press “Call”, escape the SIM card option screen. Select SIM1 to dial with SIM1; select SIM2 to dial with SIM2

3.3 Dialing via Contacts

Enter the Contacts and search for the phone number you need;

Press Record for a long time to select Call in the option menu.

3.4 Calling an extension number

Enter the switchboard number;

Press [Add call] and then input the extension number;

Press “call”, escape the SIM card select screen. Select SIM1 to dial with SIM1; select SIM2 to dial with SIM2

3.5 Making an emergency phone

Enter the emergency phone number;

Press “Call”, escape the SIM card select screen. Select SIM1 to dial with SIM1; select SIM2 to dial with SIM2

3.6 Answer or reject incoming calls

If there is an incoming call, press “Answer” to answer it;

If there is an incoming call, press “Reject” to reject it;

3.7 Menu during a call

During a call, you can:

Hold: Press [**Hold**] to hold current call.

Contacts: Enter into the interface of contact list.

Keypad: Enter into the dial interface.

Record: Record the call details, and the document will be kept in the file manager automatically.



Note:

It is illegal to record any call in some countries. So please do so with the speaker's prior consent.

Mute: Turn off the microphone during the call. In the mute mode, you can hear the speaker but the speaker can't hear you.

Hands-free: Start or cancel a handsfree call.

Adjust volume: You can volume the receiver by down key during a call

End a call: Press “Hang up” to end a call.

4. Call Log

Roll to any number and press the dial button reply the call, and can press [**Menu**] to select other operations.

Commonly Used Functions:

Press the single record for a long time, and open the option menu.

Call: call again.

Edit number before call: Edit the current number before call

Write message: Send message to the current number.

Add to blacklist: Set the phone number as a rejected call

Add to contacts : Store the number to this phone.

Remove from call log: Remove the current number.

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5. Contacts

5.1 Browsing contacts

When this device standby, select **[Contacts]** and open the namelist.

The contacts are listed in the order of unnamed, special symbol, digit and English letter respectively (for Chinese names, the English letter corresponding to their pinyin prevails).

5.2 Quick search

When this device stands by, select **[Contacts]** and open the namelist.

Press the **[Arrow keys]** to move to the **[Search box]**. You may search via the physical keyboard 0~9 keys on the lower part of the screen or the keys on the keyboard (vague search is allowed).

5.3 Creating contacts

SIM1: The input is added to SIM1 with only one number stored under a name.

SIM2: The input is added to SIM2 with only one number stored under a name.

Phnone: All records other than in SIM1 and SIM2 are stored in the memory of this device. Can be added to the group: Famoly、 Friends、 Business、 Classmates.

Note: Name may be empty, but phone number shall not be so for any new record.

On the contacts list interface, press one record for a long time to operate the following functions:

View contact: View the contact.

Call: ring the contact.

Send message: send one message to the contacts.

Delete contat: Delete the person information.

Edit contact: Edit the contact.

Send contact: send the contact in vCard.

6. Message Service

Message service is actually a network service. This menu works soundly depending on the type of your SIM card and the service provided by the network operator. Therefore, please check it before applying such function.

Messaging

Please have the service center number from the network operator before applying this function. The storage capacity of SIM card depends on its type.

6.1 SMS

This device supports multi-messaging. Five common messages are editable at most with each containing 268 Chinese characters or 612 English ones.

When this device stands by, open the function menu, select [**Message**→**New Messag**] to open the editing screen and write a message.

6.2 MMS

Short for multi-media service, MMS is just a multi-media message, which supports GIF, JPEG, WBMP or BMP display.

Select [**Message**→**New Messag**] to open the edit screen and edit a message.

7. Browser

Internet is an application platform integrating wireless communication and Internet technology, which makes it possible for you to access to rich Internet information source and e-commerce application etc.

7.1 Open

Input webpage address you are to browse or link to the pre-set or default main page.

The largest free wireless portal website makes it possible for you to have access to global information without even stepping out of your house.

7.2 Browser

Open the starting page of the browser, users can enter into input URL, search, bookmarks, history and stored pages through the interfaces.

Current Page:

New window: Open the new page of the browser.

Bookmarks: Open the list of the stored bookmark.

Refresh: Refresh current WAP page.

Send connection: Send this link to a text message

More: Find on page, Select text, Page info, Settings, Exit

8. Multimedia

8.1 Audio Player

The cellphone is able to play music files saved in cellphone and the downloaded music and support background play of MP3 file.

Background Play of Audio File

In audio player mode, press  key to exit the audio player mode and enter background play mode, at the same time, the idle mode will display name of the playing music.

8.2 Video Player

The video player supports 3gp and mp4 documents.

8.3 Camera

Enter main menu, select [**Camera**] to enter Capture / record video pre-view mode.

8.4 FM Radio

In idle mode, select [**FM Radio**]. To listen to broadcasting program, connect your compatible headset to the radio, and open it. Select the medium volume to listen to music.

9. Application

9.1 Clock

You can use the Clock app' s Alarms screen to set up one or more wake-up alarms.

9.2 Calendar

You can create new events prompt appears on the phone to remind.

9.3 Calculator

Enter the function list and select [**Calculator**].

Input the data by physical keyboard and you can choose add, subtract, multiply and divide.

9.4 Recorder

Don' t just think out loud. Use Voice Recorder to quickly capture your thoughts. You can also record your voice and set it as a ringtone.

9.5 SIM Toolkit

In standby mode, press middle key to enter the function list and select [**SIM Toolkit**].

Entering the STK sub-menu, you can use the value added service offered by network operator.

This mobile supports STK function but this service is offered by network operator. If your SIM card and network operator don' t support this service then you cannot use it. Please contact your network operator for more information.

10. Setting

10.1 Dual SIM settings

Data connection Setting

Standby SIM card Setting

- ✧ **Standby SIM card Setting:** When setting the SIM card (in standby) mode, you can choose either one SIM card or two SIM cards simultaneously to be in standby. You can customize Flight mode as the standby mode (Flight mode can not be switched continuously and 10 seconds is needed to turn off it after it is activated) and customize Power-on options.

10.2 Connection Management

The items are :

Data connection settings: Select to connect as needed or all the time.

Network selection: Select to automatically or manually connect.

10.3 Call settings

Set up call services such as call divert, call barring, call waiting, hide ID and Others.

10.4 Phone profile

The preset modes are General mode, Mute mode, Conference mode, Indoor mode, Outdoor mode, Headset mode. It support custom profiles, define at most 5 profiles, and users can set the parameters of the profiles.

Instruction: The preset profiles do not support delete, while the custom profiles support delete.

10.5 Display

Set up display settings such as automatic screen orientation, brightness, screen timeout, and more.

10.6 Security

Including:

PIN code: Start and close of PIN code and the modification of PIN.



Warning

Please use this function cautiously. If you forget the PUK code, please get it from the service provider. Ten consecutive incorrect PUK code entries will make the SIM card card unserviceable.

Modify PIN2 code: Modification of PIN2 code.



Warning:

Be cautious to use this function, if wrong PUK2 code is entered for 10 times, SIM card can not be used.

Phone Lock: Open or close the phone lock.

Change Phone Password: Change the phone password.

Privacy Protection: Set the privacy protection

11 Maintenance of Mobile Phone

Mobile phone is a high-precision electronic product, so please take good care of it. The following suggestions can help you preserve it and lengthen its useful life:

- Put mobile phone and its accessories to the place where children are out of reach.
- Keep mobile phone dry. Rain, moisture or water may erode circuit board. If mobile phone falls into water carelessly, take battery out in time and send it to local authorized service center immediately.
- Please do not put mobile phone at dust-covered place or its normal usage will be affected.
- Liquid crystal display is an easily vulnerable part of mobile phone, try to prevent it from falling down or violently shaken; it is forbidden to use sharp item to touch the screen.
- Please do not put mobile phone on the place where temperature is too high. High temperature will shorten the life of electric equipment, damage the battery, deform or melt its plastic cover.
- Please do not put mobile phone on the place where temperature is too low, or moisture will come out when its temperature increases to normal temperature, it will damage the circuit *board* of mobile phone.
- Please do not throw, knock or forcefully shake mobile phone to avoid its inner circuit *board* and precise structure are damaged.
- Please do not clean mobile or with chemical agent, cleaning solvent or powerful detergent, instead, clean it lightly with soft cloth with soap water.
- Please do not draw mobile phone with painting material to prevent its removable parts from being stuck, which will affect its normal operation.
- Please use cleaning soft cloth to clean lens, such as camera's lens.
- When antenna is replaced, use only supporting or designated antenna. Using unauthorized antenna, accessories or reshaping mobile phone may damage it or violated relevant wireless electric equipments.

12Troubleshooting for Simple Troubles

In the course of using mobile phone, if abnormal condition comes out, please refer to following instruction to rule out malfunctions. If it can't work, please contact designated maintenance center.

Mobile phone can't be turned on

Possible causes of trouble	Troubleshooting
The time pressing end key is too short.	Please keep pressing hanging mobile phone for more than three seconds.
Electricity of battery is exhausted.	Please charge the battery.
Battery is misinstalled.	Please install battery correctly.
Mobile phone can't be turned on because of illegal usage.	Please input correct anti-robbery password.

Mobile phone turns off automatically

Possible causes of trouble	Troubleshooting
If the function of turning off mobile phone at set time is on	If you don't need the function of turning off mobile phone at set time, please cancel it.
The electricity of battery isn't sufficient.	Please charge the battery.
The battery is loose.	Please install battery correctly according to installation method of battery on the instruction book.
Mobile phone is turned off automatically because of illegal usage.	Please input correct anti-robbery password.

PIN/PUK code lock

Possible causes of trouble	Troubleshooting
Wrong PIN number (Personal Identification Number) / PUK number (Personal Unlock Key number) is imputed.	Please input correct password.



Note:

1. If PIN number is inputted wrong for 3 times successively, many functions of SIM card and mobile phone are locked, please read details in “ safety settings” in P59.
2. Correct PIN number and PUK number can't be guaranteed, please contact operator or retailer.

Poor quality of conversation

Possible causes of trouble	Troubleshooting
Current signal strength changes sharply.	Maybe you are in a status of moving at high speed (in a train or motor, ect.), judge by signal strength indicator and choose a place with strong signal strength to communicate in order to assure conversation quality.
You are in the location where signal is badly received	Please go to the open place

Inability to answer mobile phone

Possible causes of trouble	Troubleshooting
Call forwarding is set.	Please cancel call forwarding according to your demand.
Call barred is set.	Please cancel relevant barred function of Call barred according to your demand.

Inability to dial mobile phone

Possible causes of trouble	Troubleshooting
Mobile phone is power off.	Please turn on your mobile phone.
Mobile phone is out of network service area	Please confirm network is in normal service status.
Proper SIM card isn't correctly inserted.	Please confirm if your SIM card can be normally used.
Call barred is set.	Please cancel relevant barred function of Call barred according to your demand.
Keyboard is locked automatically.	Please select left soft key+# key, unlock keyboard

Low conversation volume

Possible causes of trouble	Troubleshooting
The conversation volume is set too low.	Please increase conversation volume.

The counterpart can't hear you

Possible causes of trouble	Troubleshooting
Your microphone is too far away from voice.	Put the microphone close to your mouth.

No ringtone for incoming call

Possible causes of trouble	Troubleshooting
The alerting signal of incoming call is set in mute mode.	Please reset alerting signal of incoming call in ringtone
The volume of ringtone is set too low.	Please increase volume.
Call forwarding is set.	Please cancel Call divert

Battery can't be charged

Possible causes of trouble	Troubleshooting
The battery is exhausted and placed for too long.	Please charge battery in time after mobile phone signalizes insufficient power.
Battery is in bad contact with mobile phone.	Please make sure battery is correctly placed.
Charger is in bad contact with mobile phone.	Please link well charger and port of mobile phone, now the screen displays charging indicator
Battery or charger is damaged.	Please contact maintenance station designated by the company
The surrounding temperature is too low or too high.	Please charge mobile phone under normal temperature.

No network displayed

Possible causes of trouble	Troubleshooting
SIM card is wrongly placed.	Please place SIM card correctly according to its installation method on the instruction book.
There are impurities between SIM card and contacts of mobile phone.	Please keep clean between SIM card and the contacts of mobile phone.
SIM card is ineffective.	Please check if SIM card is expired.
Network environment is in weak field strength area.	Please move to the place with good signal strength of network for using mobile phone.

Memory card can't be found in mobile phone

Possible causes of trouble	Troubleshooting
Memory card is wrongly inserted.	Please use memory card correctly according to its inserting method on instruction book.
Memory card is damaged.	Please change memory card.

Insufficient space

Possible causes of trouble	Troubleshooting
MMS or SMS have occupied too much storing space.	Please Clear unnecessary MMS or SMS to free up space.
History recording saved in browser has occupied too much storing space.	Please select Communication→Browser→WAP settings→Browser settings→Clear cache] to free up space.

Menu options what PC Camera of mobile phone can't realize

Possible causes of error	Troubleshooting
After mobile phone is linked to computer, no menu of "PC Camera" is displayed on mobile phone.	1. Please check if USB port of computer is complete. 2. Please check if you have correctly used linking line provided by retailer.

13 Safety Information

Usage Environment

To assure you use mobile phone reasonably and avoid its affect on you and environment, please keep in mind relevant regulations and provisions which shall be complied with at any place when you use mobile phone.

In the places which may give rise to bomb such as gas station, fuel reservoir, chemical factory, or bombing work, please turn off your mobile phone and abide by all safety marks and instruction there. Any violation against relevant regulations may give rise to bomb and cause casualty.

Using mobile phone in plane may disturb plane's operation and give rise to danger. Therefore, please do turn off your mobile phone before boarding and make sure it is power off in the whole course of flight.

When your drive, please place mobile phone on a special stand, do not place it on seat or any place where it may slide when it comes to collision or sudden braking. In the course of driving, please do not use mobile phone to assure a safe drive and avoid traffic accident. If you must use mobile phone, please stop first before using it.

Please keep your mobile phone away from high-temperature environment to avoid bomb rising from increased temperature of battery.

Medical Equipments

It is expressly stipulated in writing that you shall turn off mobile phone nearby electric medical equipments (like cardiac pacer maker and hearing aids). Most medical equipments have function of blocking radio-frequency signal given off by mobile phone, but some electronic equipment don't. if you have any doubt or uncertainty about if medical equipment have function of blocking radio-frequency signal, please consult doctors or manufacturer of medial equipments.

Pace Maker

Manufacturer of pace maker suggests you keep a distance of about 6 foot (15.3 cm) at least between your mobile phone and pace maker, in order to prevent mobile phone from causing disturbance to pace maker.

Staff wearing pace maker:

When your mobile phone is power on, make sure the distance between your mobile phone and pace maker is about 6 foot (15.3 cm) at least.

Please do not put mobile phone into the pocket in front of chest.

Please receive the call with the ear at the side different from pace maker.



Note:

If you suspect any disturbance, please turn off mobile at once and consult medical staff in time.

Hearing Aids

Mobile phone may disturb some hearing aids, if disturbance is made, please contact

manufacturer of hearing aids at once.

Emergency Call

The same as other mobile phones, this kind of mobile phone uses radio signal, wireless and ground communication network and personal setting function, it can't guarantee it can get linked successfully under any situations. Please don't rely on only mobile phone for sending important communication (such as medical emergency)

Dial emergency call

If your mobile phone is power off, please turn it on and check if network signal is strong enough.

- Input correct local emergency number (like 120 emergency center), the number differs from one district to another.
- Please call by pressing talking key.



Note:

In case of emergency call, please try to provide all important information. The mobile phone may be at the accident site. It is the only conversation tool, please do not end conversation without approval.

Password Access

The mobile phone and SIM card can be protected by password to prevent them from illegal usage.

Power-on Password

To prevent your mobile phone from being used by others without your approval, you can set password when you use the function for the first time. After you use mobile phone, please change power-on password as soon as possible and keep it secret.

PIN Code

It is personal identification number to protect SIM card from being used by others without your approval. Usually PIN code and SIM card are provided together. When you use using power-on PIN code, every time when you turn on mobile phone, you have to input password before starting the normal phone function.



Note:

If PIN code is inputted wrong for three times successively, SIM card will be locked. You need to input PUK code to unlock it. (If no PUK code is available, please contact your network operator or SIM card retailer asking for PUK code. Please don't input any character.)

PIN2 Code

PIN2 is password to realize special function of SIM card. If the network operation company provides this **z**

Unlock Key PIN code. Usually PUK code and SIM card are provided together. If you don't have, please contact your network operator or SIM card retailer. If you input wrong PUK code for ten times successively,

SIM card can't be used any more. Then please apply to your network operator for a new card. Do not change PUK code.

PUK2 Code

Unlock PIN2 code. Usually PUK2 code and SIM card are provided together, PUK2 code can alter locked PIN2code. If PUK2 number is imputed wrong for ten times successively, some functions can't be used any more. Then please apply to your network operator for a new card. Do not change PUK2 code. If it is lost, please contact service provider.

Attentions on Charging of Battery

This kind of mobile phone provides energy by lithium ion battery, system environment, mobile phone settings and others will affect waiting and conversation time of mobile phone.

Please use the standard battery and charger provided by the company, or the company isn't responsible for damage caused by battery or charger unauthorized by the company.

When the mobile phone is power on, the *batty* starts to roll on the battery indicator on the screen.



Note:

1. If the battery doesn't have power at all, the battery indicator will show up after it is charged for 2 to 3 minutes. Generally according to current status of mobile phone (if it is power on, with conversation, etc), the charging time is 2 to 5 hours.
2. To make new battery reach perfect performance, please finish two to three charging and discharging cycles. A new battery shall be charged continuously for above 10 hours for the first time.

In the course of charging mobile phone, please do not contact its battery or charger with wet hand in order to avoid danger.

When mobile phone is charged, please do not to use it as possible as you can.

After the battery is charged full, the electricity indicator stops rolling, then take mobile phone out from the port of its adaptor.

Attentions on Use of Battery

The usage of battery is determined by network, settings of mobile phone, usage of mobile phone, take lithium ion battery with capacity of 1200 MA, for example, its conversation time is about 6 to 8 hours and standby *time* is 150 to 240 hours.

Please do not use damaged charged battery.

When mobile phone is used nearby network base, battery consumes little electricity. Therefore, conversation and standby *time*, to great extent, are affected by signal strength of cellular network and parameter set by network operator.

Time of charging battery depends on residual capacity, type of battery and electronic equipment type. When usage time of battery is obviously shortened, you have better change battery to guarantee the performance of

mobile phone.

Please use standard battery and charger provided by Amoi Company, or it may give rise to bomb. When you don't need charger, please cut off electricity source. Do not keep battery linked with charger for over one week, overcharge will shorten useful life of battery.

Do not make battery short-circuit, or it will damage battery core or protective circuit inside battery. When you put unused battery in pocket or bag, metal items (coin, pin or pen, etc.) may link two ends of battery immediately and make battery short-circuit, so please place battery singly and safely.

Please do not burn battery of mobile phone or do with it as common rubbish. To avoid potential life hazards and harm to environment, please comply with environment-friendly policy stipulated by local government, treat and recycle battery in time.

If your mobile phone, battery or other charging equipment fall into water carelessly, please do not dry it in any heating equipment (such as drier, microwave) . Mobile phone or other products may give rise to malfunction, and mobile phone, battery or other charger may burn, expand or explode.

Please do with abandoned used battery according to relevant stipulation.

Amoi Company isn't responsible for any direct or indirect loss caused by above-mentioned wrong operation.

Attention on Use of Accessories

Please put all accessories (such as SIM card, memory card, battery) in the place where children are out of reach, to avoid danger.

Before taking out battery of mobile phone, please make sure mobile phone is power off and cut off linkage between mobile phone and charger.

Accessories of mobile phone don't have waterproof performance, please keep all accessories dry.

When cutting off electricity from any accessory, take out plug correctly, do not draw power cable.

If mobile phone, battery and charger don't function normally, please contact the nearest and qualifying maintenance department.

Other Safety Information

When mobile phone is not used, you'd better turn off mobile phone and take out battery in order to save energy and eliminate radiation of mobile phone.

When mobile phone is used, please do not adjust its volume too high or it will do harm to hearing.

Non-professional shall not take out terminal and battery of mobile phone by himself or herself.

You'd better not use leather case with magnetic button as possible as you can to avoid magnet what may cause disturbance to signal of powering on or off the mobile phone, and its hard iron button may damage fluid crystal display; plastic case may cause unsmooth evaporation to steam, eroding components inside mobile phone and oxidizing and discoloring its cover.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is **0.460W/Kg** and when worn on the body, as described in this user guide, is **1.09W/Kg**. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on **FCC ID: 2AG78ST88A**

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10 mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.