GSM Dual-Band GPRS Digital Mobile Phone User Manual

The manual is applicable for ZTE-G R830 mobile phone.

Release V1.0

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1 Before Use

1.1 Introduction

Thank you for choosing ZTE Corporation's ZTE-G R830 GSM/GPRS 850/1900MHz Digital Mobile Phone (hereinafter referred to as mobile phone).

To guarantee your mobile phone always in its best condition, please read this manual carefully and keep it for future use.

The pictures in this user manual are only used to demonstrate the mobile phone's functions, so they are maybe different from what you see on your mobile phone. Please refer to your mobile phone if there are any differences.

1.2 Safety Instructions

If your mobile phone is lost or stolen, notify your network service provider immediately to prevent others from abusing it. Meanwhile you need provide your service provider with your mobile phone's IMEI, which is printed on the label on the back of your mobile phone (remove the battery and find it). Keep the IMEI properly for future use.

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To protect your mobile phone against abuse, take the following precautions:

- ◆ Set PIN code and modify it from time to time.
- ◆ Take your mobile phone with you as much as you could.

1.3 Safety Warnings and Precautions

Precautions for using your mobile phone

Traffic Security

- Pay attention to traffic security and follow all local relevant laws and regulations while driving.

Interference

- Do not use your mobile phone near weak signal or high-precision electronic devices. Radio wave interference may cause misoperation of an electronic device

or other problems. Pay special attention when you use your mobile phone near audiphone, pacemaker and/or other medical electronic devices, fire detector, auto-door and/or other auto-control equipments. For details on the influence caused by your mobile phone on pacemaker or other medical electronic devices, please consult the manufacturer or your local distributor.

● Do not use your mobile phone near TV set, radio or office automated equipments to avoid mutual influence.

 On Airplane

● Turn off your mobile phone on airplane where it's forbidden to use it. The mobile phone may affect the normal operation of electronic devices, therefore please follow the relevant regulations when using your mobile phone on airplane.

 In Hospital

● Turn off your mobile phone in hospital where it's forbidden to use it. The mobile phone may affect the normal operation of medical apparatus, therefore please follow the relevant regulations when using your mobile phone in hospital.

In Gas Station

- Do not use your mobile phone in gas station. Turn off your mobile phone near fuels or chemicals.

Waterproof

- Keep your mobile phone away from water. This may cause overheating, electric leakage or failure if water or any other kind of liquid enters your mobile phone.

Disassemble

- Do not disassemble or reassemble your mobile phone because this might cause damage, electric leakage or circuit failure.

Antenna

- Do not use your mobile phone if your antenna is damaged because this may cause body injury.

Away from Children

- Keep your mobile phone from children. It may cause body injury when the mobile phone is used as a toy.

Original Accessories

- Use the original accessories or those authenticated by the manufacturer. Using non-original accessories may affect the mobile phone's performance, violate the warranty provisions or relevant national regulations about telecom terminals, or even cause body injury.

Explosion Areas

- Please strictly follow relevant laws and regulations to turn off your mobile phone in or near the explosion areas.

Emergency Calls

- Make sure your mobile phone is turned on and in the service area. Input the emergency number and press "Send" key to dial. Let others know where you are and do not hang up without permission.

Precautions for using the battery

- Put the battery in a cool and ventilated place where there is no direct sunshine.

- The battery life is usually limited, and it becomes shorter and shorter after the battery is charged over and over again. If the charging fails several times, this indicates that the battery is worn out and the replacement is advised.

- Dispose the worn-out batteries in designated places according to specified regulations rather than throw them into residential garbage.

- Do not throw the worn-out batteries into fire because this might cause fire or explosion.

- Do not press with great force when installing the battery because this may result in leakage, overheating, explosion or fire.

- Do not disassemble or reassemble the battery because this may result in leakage, overheating, explosion or fire.

- If the battery becomes hot, changes in color or gets deformed during the course of use, charging or storage, please immediately stop using and replace.

- Keep the battery away from dampness to prevent overheating, smoldering or erosion.

- Do not leave the battery in direct sunshine, around a car or high-temperature place because this might result in leakage or overheating. This might affect the battery's performance and shorten its life.

- Do not keep charging the battery continuously over 24 hours.

⚠ *Note:*

   If the battery is damaged, please avoid contacting the materials in the battery. If your skin has contacted those materials, flush your skin with lots of water, and seek for help from doctors if necessary.

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Precautions for using the charger

- Use the power voltage between 110VAC and 220VAC. Using the voltage beyond the range may cause leakage, fire or damage to the phone and charger.

- Do not short-circuit the charger because this might cause electric shock, smoldering or damage.

- Do not charge the battery in direct sunshine, near dampness, dust, vibration, TV set, or radio (may affect the image, sound), etc.

- Do not use the charger if the power cable is damaged because this might cause fire or electric shock.

- Do not place water containers near the charger to avoid water splashing. If water or any other kind of liquid splashes on the charger, immediately remove the charger from the power socket to avoid overheating, fire, electric shock or failure.

- Do not disassemble or reassemble the charger because this might cause body injury, electric shock, fire or damage.

- Do not touch any charger, power cable or power socket with wet hands to avoid electric shock.

- Do not place heavy objects onto power cables or refit power cable because this might cause electric shock or fire.

- Remove power plug from the socket before cleaning and maintenance.

- Hold the charger rather than pull the power cable while removing the plug from the socket because this might cause damage, electric shock or fire.

1.4 Parts Definition

Receiver

Display

Left/Right soft keys

Performs the function indicated at the bottom of the display.

Send key

Dials a phone number or answers a call. In standby mode, shows the history of calls made, received and missed.

4-Way Navigation keys and Centre key

In standby mode accesses:
Up-Audio Player
Down-Alarm
Left-User Profiles
Right-Tone Setup
Centre-Main Menu

End/Power key

Alpha numeric keys

In standby mode, inputs numbers to dial.

⚠️ *Note:*

*In this user manual, "**press**" means pressing the key and then releasing; "**hold**" means pressing and holding the key for about 2 seconds or more.*

Descriptions of icons on status bar

Icons	Descriptions	Icons	Descriptions
📶	Network signal strength	🔋	Battery capacity
✉	Unread SMS	📩	MMS is downloading Unread
☎	Missed call	✉	Unread MMS
📳	Vibration	☎	Call diverting
🔕	Silent	📳	Vibration and ring
R	In Roaming	📳	Vibration then ring
⏱	Stopwatch on	🔔	Alarm on
🔒	Keypad locked		

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1.5 Battery

Installing the Battery

1. Insert the battery by aligning the gold contacts on the battery with the gold contacts in the battery compartment on the phone and Insert the battery into the slot.

2. Put on the battery cover, and push forward in the direction of the arrow as shown until it's locked.

Removing the Battery

1. Push up the battery back and take out the back cover.

2. Pull the battery in the direction of the arrow as shown and take out the battery.

⚠️ *Note:*

> *Please turn off your mobile phone before taking out the battery.*

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Charging the Battery

The lithium battery can be used directly after being taken out from the package. To make the battery always in its best condition, please exhaust the capacity of the battery and then fully recharge it for the first three times.

1. Insert the charger to the mobile phone through USB interface;

2. Plug the charger into 110V/220V power socket;

3. When the mobile phone is powered on, the battery capacity bar on up-right corner of the screen keeps scrolling during charging; when the mobile phone is powered off, there will be charging indication on the screen during charging. If the mobile phone is used excessively without enough capability, the charging indication will not immediately appear on the screen of the mobile phone when charging starts, and the mobile phone might not be powered on within a few minutes after the charging starts;

4. When the mobile phone is on, the battery is fully charged as the battery capacity bar on the up-right corner of the screen is full and doesn't flicker any longer. When the mobile phone is off, the battery is fully charged as fully charged picture appears on the screen. During the charge, your mobile phone and charger may normally become hot;

5. Please disconnect the charger from your mobile phone and the socket when the charging is completed.

⚠️ *Note:*

> *Put your mobile phone in ventilated place under normal temperature during charging. Use the original charger or those authenticated by the manufacturer. Using non-original charger may cause danger and violate the warranty provisions. Charge your mobile phone in time when it is powered off automatically or prompts the lack of the power.*

1.6 Insert and Remove SIM Card

Insert a valid SIM card into your mobile phone before use. All information regarding network connection and SIM phone book is saved in SIM card. In order to avoid the loss and damage of information saved in SIM card, please don't touch the metal surface and put SIM card far away from electricity or magnetism.

1. Turn off your mobile phone, remove the battery and disconnect the external power.

2. Put SIM card into the socket as shown in the figure.

Turn off your phone and remove the battery before taking out SIM card.
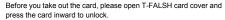
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1.7 Insert and Remove Memory Card

⚠️ *Note:*

This mobile phone supports T-FLASH memory card. For details on compatibility information of T-FLASH, please consult your manufacturer or supplier.
Please do not take out the memory card when performing the relevant operation on the card. Taking out the card might not only damage your card and mobile phone, but destroy the data saved in the card.

1. Open T-FLASH card cover at the right side of the phone and insert the memory card.
2. Push tightly until the card is installed in the right position and close T-FLASH card cover.

Before you take out the card, please open T-FALSH card cover and press the card inward to unlock.

1.8 Power On/Off

Hold End key until the power-on/off animation appears.

After your turn on your mobile phone, it will automatically check whether or not SIM card is inserted or usable, and shows the following information on the screen in turn:

◆ **Enter Phone Lock Code**: If you've set the code.

◆ **Enter PIN**: If you've set PIN code for SIM card.

⚠️ *Note:*

> *SIM card will be locked if you enter wrong PIN code three times. Then you need PUK code to unlock SIM card. The PIN code may be provided to you together with SIM card. If not, contact your network service provider. The default PIN code is normally 1234. Please replace it with your own PIN code as soon as possible.*

◆ **Search**: The mobile phone will search for the available network.

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2 Menu Tree

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3 Writing Text

- **Change input mode**: Press # key to change the input mode (input modes: eZi EN, eZi en, eZi Abc, ABC, abc and 123).

- **Input Letters**: In ABC/abc mode, press the corresponding letter key till the letter appears.

- **Input Words**: In eZi EN, eZi en, eZi Abc mode, key-in any letter with a single key press. Press each key only once for every letter. The word changes after each key stroke. When you have finished writing the word and it is correct, confirm it by pressing 0 or the Centre key. If the word displayed on the screen is not what you want, press up/down key to view other matching words, then confirm it by pressing 0 or the Centre key. Pressing a Navigation key moves the cursor. Predictive text input is based on a built-in dictionary.

- **Input Digits**: In 123 mode, press digit key once to key-in a digit. In ABC/abc mode, long press the number key.

- **Input Symbol**: Press * key to enter a symbol. In ABC/abc mode, press 1 key till the required symbol (common symbols) appears.

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- **Input Space**: Press 0 key to input space. It does not work in 123 mode.
- **Delete Character**: Press Right soft key to clear a character.
- **Delete all Characters**: Press and hold Right soft key to delete all characters and clear the display.
- **Move Cursor to Left or Right**: Press Left/Right navigation keys to move the cursor left or right.

4 Create a Contact on Your Phone Book

There are some phone numbers that you may want to call again and again so it makes sense to add these to your Phone Book. You can then access these numbers quickly and easily.

- Select Menu then Phone Book, and then select Add New Entry.
- Select whether to save the new contact to your SIM card or to the phone's memory.
- Enter the contact's name and phone number.
- Press Left soft key "OK", then select Yes.
- If you select To Phone, you could add the information such as Home Number, Company Name, etc. You could also classify the contact into different groups and set different ringtones for the contact.

You can also save a number right after you've made or received a phone call or a text message from someone who is not yet in your Phone Book.

- To delete someone from your Phone Book, first select the name, then press Left soft key "Options" and choose Delete.

5 Make and Receive Calls

The most basic way to make a call is to key in the number and press the Send key. One advantage of a mobile phone is that you can also store people's names and numbers in your mobile Phone Book and call them more easily.

To call someone:

- Press Right Soft key in standby mode to enter Phone Book. From here use the Up/Down keys to find the name of the person you want to call.
- Now simply press the green Send key.
- End the call by pressing the red End key.
- Make sure you are in an area with sufficient coverage to make calls. The strength of the network signal is indicated on top left corner of screen.

6 Send and Receive Text Messages

You can use your mobile phone to send and receive text messages.

1. Go to Menu ➡ Messages ➡ SMS ➡ Write Message.

2. Write your message. For more information on writing, refer to **Writing Text**.

3. Press the Left soft key "Option" and select Done ➡ Send to send the message to one person.

   ◆ To send to more than one person, select Send To Many and select the names from the phone book list.

   ◆ Select Save and Send to send the message and save it to Sentbox. Select Save to save it to Outbox.

4. Enter the recipient's phone number or select Search if you have previously stored the person's number. Then select OK to send the message.

Upon receiving a message, the mobile phone indicates with ringtone, prompt, or a new message icon.

1. Press Left soft key "Read" to open the new message. You can also go to Inbox to read the message.

2. Use Up/Down keys to read the message.

3. While the message is open, use Left soft key "Option" to Reply, Delete, or Forward the message.

7 Menu Functions

Here are some brief instructions of the menu functions of the phone.

Function	Description	Selection
Add new contact	Save phone numbers and names	Menu→Phone Book→Add New Entry
Edit contact	Edit a contact	Menu→Phone Book→Quick Search → Option→Edit
Delete contact	Delete one contact	Menu→Phone Book→Quick Search → Option →Delete
Find contact	Search for a phonebook entry	Menu→Phone Book→Quick Search
Memory Status	Shows the number of entries in the phonebook	Menu→Phone Book→PhoneBook Settings →Memory Status
Send text message	Send text messages to other mobile phones	Menu→Messages→SMS→ Write Message
Read text message	Read text messages (received, sent)	Menu→Messages→SMS→ Inbox/Sentbox
Send MMS	Send multimedia messages to other mobile phones	Menu→Messages→MMS→ Write Message

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Function	Description	Selection
Read MMS	Read multimedia messages (received, sent)	Menu→Messages→MMS→ Inbox/Outbox
Voicemail	Receive and listen to voice messages	Menu→Messages→Voice Mail Server or hold 1 key to call voicemail
Recent calls	View all recent calls	Menu→Call History→Missed Calls/Dialed Calls/Received Calls or press Send key from the home screen
Calendar	View a full-screen monthly calendar	Menu→Organizer→Calendar
Alarm	Set alarm alert time	Menu→Organizer→Alarm
World Clock	Check time in major cities	Menu→Organizer→World Clock
Stopwatch	Time with a stopwatch	Menu→Organizer→Stopwatch
Calculator	Execute basic mathematical calculation	Menu→Organizer→Calculator
Conversion	Set the exchange rate and account foreign currency or vice versa	Menu→Organizer→**Currency Converter**
Ringtone	Set ringtone	Menu→User Profiles→Select Profile (General/Meeting etc.)→Option→ Customize→ Tone Setup
Language	Set the default language	Menu→Settings→Phone Setup→ Language

Function	Description	Selection
Wallpaper	Select wallpaper for home screen	Menu→Settings→Phone Setup →Display Characteristic→Wallpaper
Clock settings	Set date and time	Menu→Settings→Phone Setup →Time and Date
Call waiting	Hold the first call and answer the second call	Menu→Settings→Call Setup→Call waiting
Call divert	Divert incoming call to another designated number.	Menu→Settings→Call Setup→Call Divert
Network settings	Set network searching mode	Menu→Settings→Network Setup
Security settings	Access your phone's security settings	Menu→Settings→Security Setup
Factory settings	Restore to original factory settings * Default phone password is 1234	Menu→Settings→Restore Factory Settings
Camera	Take a photo	Menu→Multimedia→Camera
Album	View a photo	Menu→Multimedia→Image Viewer
Video Recorder	Record a video	Menu→Multimedia→Video Recorder
Video Player	Play a video file	Menu→Multimedia→Video Player
Sound Recorder	Record sound	Menu→Multimedia→Sound Recorder
Audio Player	Play an audio file	Menu→Multimedia→Audio Player
WAP	Access WAP site	Menu→Services→WAP

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8 Appendix

8.1 Clearance and Maintenance

Please maintain your mobile phone with good care since it is delicately designed and manufactured. The following advice might help you extend the life of your mobile phone.

- Clean your mobile phone, battery and charger with a soft dry cloth.

- Do not clean your mobile phone with the liquor such as alcohol, dilution agent or benzene.

- Clean the socket from time to time because a dusty socket might cause disconnection, power failure, or even charging failure.

- Do not press keys with needles, pen points or other sharp objects to avoid damage or misoperation.

- Keep tiny metal objects such as thumb pins away from the mobile phone receiver. The mobile phone speaker is magnetic and thus magnetizes those metal objects, which may hurt people or damage the mobile phone.

- Keep your mobile phone dry. Rain, moisture or any kind of liquid containing minerals might corrupt the circuit.

- Do not touch the mobile phone with wet hands because this might cause electric shock, which would hurt people or damage the mobile phone.

- Don't use and put your mobile phone in a dusty or dirty environment because this might damage the phone components.

- Don't keep your mobile phone near high-temperature because it might shorten the life of electronic devices, damage the battery, twist or melt some plastic parts.

- Don't keep your mobile phone in a place where the temperature is too low, otherwise the water vapor would form inside the mobile phone when the temperature rises up to normal degree, which would damage PCB of the mobile phone.

- Don't put your mobile phone in or on the heating devices (microwave oven, toaster oven or radiator) because overheating might result in explosion.

- The color of the waterproof label in the mobile phone will be changed if the mobile phone or battery gets wet. In this case, the warranty provisions will become void even if the warranty period doesn't expire.

- Please send your mobile phone to the nearest service center for inspection if there is anything wrong with your mobile phone, battery, charger or accessories. The service center staff will provide you help.

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8.2 Failure Analysis

Symptoms	Possible Causes	Solutions
Unable to turn on the phone	Inadequate battery capacity	Charge the battery
	Poor contact	Reinstall the battery
Automatic power-off	Seriously poor battery capacity	Recharge the battery
Inadequate standby time	Deceasing of battery performance	Replace the battery
	Poor network signal	Turn off the phone as the signal is poor.
Unable to connect the network	Poor network signal	Move to other places
	Out of the service area	Make sure your phone is in GSM network service area
Call drop	Poor network signal	Move to other places
Do not ring upon incoming calls	Set "Silent"	Enter "User Profile" to change "Silent" to other mode or check the ringing volume.

Symptoms	Possible Causes	Solutions
Prompt to input PUK	SIM card locked due to the continuous entering of wrong PIN code for three times.	Contact your network operator.
Unable to view some photos	Your phone doesn't support the photo format, or the size of photo is too big .	Change the photo format or size.

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Health and Safety Information

SAR certification information

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile phone is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. The guidelines were developed by independent scientific organisation ICNIRP and include margins designed to assure the protection of all persons, regardless of age and health.

These guidelines use a unit of measurement known as Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 1.6 W/kg and the highest SAR value for this device when tested at the ear was 0.923 W/kg, when at the body was 1.38 W/kg .[1] As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide [2].

As SAR is measured utilising the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

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.

1.The tests are carried out in accordance with IEC standard PT62209-1.
2.Please see page 33 about body worn operation.

Body worn operation

Important safety information regarding radio frequency (RF) radiation exposure. To ensure compliance with RF exposure guidelines the phone must be used with a minimum of 1.5 cm separation from the body.

Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

Limiting exposure to radio frequency (RF) fields

For individuals concerned about limiting their exposure to RF fields, the World Health Organisation (WHO) provides the following advice:

Precautionary measures: Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using 'hands-free' devices to keep mobile phones away from the head and body.

Further information on this subject can be obtained from the WHO home page http://www.who.int/peh-emf WHO Fact sheet 193: June 2000.

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FCC Regulations

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.

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.

Warning

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

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Declaration of RoHS Compliance

To minimise the environmental impact and take more responsibility to the earth we live in, this document shall serve as formal declaration that the ZTE-G R830 manufactured by ZTE CORPORATION is in compliance with the Directive 2002/95/EC of the European Parliament - RoHS (Restriction of Hazardous Substances) with respect to the following substances:

(1) Lead (Pb)

(2) Mercury (Hg)

(3) Cadmium (Cd)

(4) Hexavalent Chromium (Cr (VI))

(5) Polybrominated biphenyls (PBB's)

(6) Polybrominated diphenyl ethers (PBDE's)

(Compliance is evidenced by written declaration from our suppliers, assuring that any potential trace contamination levels of the substances listed above are below the maximum level set by EU 2002/95/EC, or are exempt due to their application.)

The ZTE-G R830 manufactured by ZTE CORPORATION, meets the require-ments of EU 2002/95/EC.

Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/CE.

2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.

For this product's Recycling Manual based on WEEE directive, please send an email to weee@zte.com.cn, or visit the website below to download the document:

http://ensupport.zte.com.cn

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EC Declaration of Conformity $C\epsilon$

It is hereby declared that following designated product:

Product Type: GSM Dual-band Digital Mobile Phone

Model No.: ZTE-G R830

complies with the essential protection requirements of Low Voltage Directive 2006/95/EC (previous 73/23/EEC), Electromagnetic Compatibility Directive 2004/108/EC (previous 89/336/EEC), Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/05/EC) and their amendments.

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation.

Assessment of compliance of the product with the requirements relating to Low Voltage Directive 2006/95/EC (previous 73/23/EEC), Electromagnetic Compatibility Directive 2004/108/EC (previous 89/336/EEC), Radio and Telecommunication Terminal Equipment Directive 1999/05/EC and their amendments was performed by CETECOM(Notified Body No. 0682), based on the following standards:

Essential Requirement		Applied Specifications/Standards
Art.3.1(a)	Health	EN50360, EN50361

Art.3.1(a)	Safety	EN60950-1
Art.3.1(b)	EMC	EN301489-1, EN301489-7
Art.3.2	Radio	EN301511

This declaration is the responsibility of the manufacturer:

ZTE Corporation

ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park,

Nanshan District,Shenzhen, Guangdong, 518057, P.R.China

Authorised person signing for the company:

Xu feng   Quality Director Of ZTE Corporation

Name in block letters & position in the company

Shenzhen, 12 Aug. 2008

Place & date   Legally valid signature