ZTE-G R290

Mobile Phone

User Manual

LEGAL INFORMATION

Copyright © 2012 ZTE CORPORATION.

All rights reserved.

The manual is published by ZTE Corporation. We reserve the right to make modifications on print errors or update specifications without prior notice.

Version No.: R1.0
Edition Time: 2012.09.12

Table of Contents

Security

- To protect your mobile phone from illegal use, take the security measures as follows:
  - ➢ Set PIN codes of the SIM card.
  - ➢ Set handset lock code.
  - ➢ Set call restrictions.

Safety Precautions

This section includes some important information on safe and efficient operation. Please read this information before using the phone.

Operational Precautions

- Please use your phone properly. When making or receiving a call, please hold your phone as holding a wireline telephone. Make sure that the phone is at least one inch (about two point five centimeters)

from your body when transmitting.

- Do not touch the antenna when the phone is in use. Touching the antenna area affects call quality and may cause the phone to operate at a higher power level than needed.

- Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing video games. If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult your doctor before playing video games on your phone or enabling a flashing-light feature on your phone. (The flashing-light feature is not available on all products.)

- Keep the phone out of the reach of small children. The phone may cause injury if used as a toy.

Precautions While Driving

- Please pay attention to the traffic safety. Check the laws and regulations on the use of your phone in the area where you drive. Always obey

them.

- Use hands-free function of the phone, if available.
- Pull off the road and park before making or answering a call if conditions require.

Precautions for Medical Devices and Facilities

- When using your phone near pacemakers, please always keep the phone more than eight inches (about twenty centimeters) from the pacemaker when the phone is switched on. Do not carry the phone in the breast pocket. Use the ear opposite the pacemaker to minimize the potential for interference. Switch off the phone immediately if necessary.
- Some phones may interfere with some hearing aids. In the event of such interference, you may consult your hearing aids manufacturer to discuss alternatives.
- If you use any other personal medical device, please consult the manufacturer of your device to determine if it is adequately shielded

from RF (radio frequency) energy.

■ In those facilities with special demand, such as hospital or health care facilities, please pay attention to the restriction on the use of mobile phone. Switch off your phone if required.

Mobile Phone

■ Please use original accessories or accessories approved by the phone manufacturer. Using any unauthorized accessories may affect your mobile phone's performance, damage your phone or even cause danger to your body and violate related local regulations about telecom terminals.

■ Turn off your phone before you clean it. Use a damp or anti-static cloth to clean the phone. Do not use a dry cloth or electrostatically charged cloth. Do not use chemical or abrasive cleaners as these could damage the phone.

■ As your mobile phone can produce electromagnetic field, do not place it near magnetic items such as computer disks.

- Using the phone near electrical appliances such as TV, telephone, radio and personal computer can cause interference.
- Do not expose your mobile phone to direct sunlight or store it in hot areas. High temperatures can shorten the life of electronic devices.
- Keep your phone dry. Any liquid may damage your phone.
- The phone cannot be used at an altitude higher than 2000 meters.
- Do not drop, knock or harshly treat the phone. Rough handling can break internal circuit boards.
- Do not connect the phone with any incompatible enhancement.
- Do not attempt to disassemble the mobile phone or battery.
- Do not store the phone with flammable or explosive articles.
- Do not charge the mobile phone without battery.
- Some electronic devices are susceptible to electromagnetic interference sent by phone if inadequately shielded. Please use phone at least 20 cm or as far away as you can from TV set, radio and other automated office equipment so as to avoid electromagnetic interference.

- Operating phone may interfere with medical devices like hearing aides and pacemakers, or other medical devices in hospital. Consult a physician or the manufacturer of the medical device before using phone.
- Be aware of the usage limitation when using phone at places such as oil warehouses, or chemical factories, where there are explosive gases or explosive products being processed, because even if your phone is in idle state, it still transmits radio frequency (RF) energy. Therefore, power off your phone if required.
- Do not touch the antenna while calling. Otherwise it will affect the quality of calling and waste battery energy. The damaged antenna will cause slight burn while touching your skin.
- Keep phone out of the reach of small children. Phone may cause injury if used as a toy.
- Do not put other things on the terminal to avoid overlaying radiator.
- Keep the antenna free from obstructions and position the antenna straight up. This will ensure best call quality.

Precautions for Potentially Explosive Atmospheres

- Switch off your phone prior to entering any area with potentially explosive atmospheres, such as fueling areas, fuel or chemical transfer or storage facilities.

- Do not remove, install, or charge batteries in such areas. Spark in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

- To avoid possible interference with blasting operations, switch off your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices". Obey all signs and instructions.

Precautions for Electronic Devices

- Some electronic devices are susceptible to electromagnetic interference sent by mobile phone if inadequately shielded, such as electronic system of vehicles. Please consult the manufacturer of the device before

11

using the phone if necessary.

Safety and General Use in Vehicles

- Safety airbag, brake, speed control system and oil eject system shouldn't be affected by wireless transmission. If you do meet problems above, please contact your automobile provider. Do not place your phone in the area over an airbag or in the airbag deployment area. Airbags inflate with great force. If a phone is placed in the airbag deployment area and the airbag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.
- Please turn off your mobile phone at a refueling point, and the same to the place where the use of two-way radio is prohibited.

Aircraft Safety

- Please turn off your mobile phone before the airplane takes off. In order to protect airplane's communication system from interference, it is forbidden to use mobile phone in flight. Safety regulations require you to have permission from a crew member to use your phone while

the plane is on the ground.

■ If the mobile phone has the function of automatic timing power-on, please check your alarm setting to make sure that your phone will not be automatically turned on during flight.

Battery Use

■ Do not short-circuit the battery, as this can cause the unit to overheat or ignite.

■ Do not store battery in hot areas or throw it into fire. Otherwise, it will cause explosion.

■ Do not disassemble or refit the battery. Otherwise, it will cause liquid leakage, overheating, explosion and ignition of the battery.

■ Please store the battery in a cool dry place if you don't use it for a long period.

■ The battery can be recharged for hundreds of times, but it will eventually wear out. When the operating time (talk time and idle time) is noticeably shorter than normal, it is time to replace it with a new one.

- Please stop using the charger and battery when they are damaged or show evidence of aging.
- Return the worn-out battery to the provider or dispose of it in accordance with environment regulations. Do not dispose of it in household rubbish.
- Please use original batteries or batteries approved by the phone manufacturer. Using any unauthorized battery may affect your handset performance or may cause danger of explosion, etc.

Warning: If the battery is damaged, do not discharge it. If the leakage does come into contact with the eyes or skin, wash thoroughly in clean water and consult a doctor.

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Caution: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

This mobile phone 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.

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

Health and safety information

Radio Frequency (RF) Energy

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

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government:

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 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC 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 poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.806 W/kg and when worn on the body, as described in this user guide, is 0.607 W/kg (Body-worn measurements differ among phone models, depending upon available enhancements 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.

17

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: Q78-GR290

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.
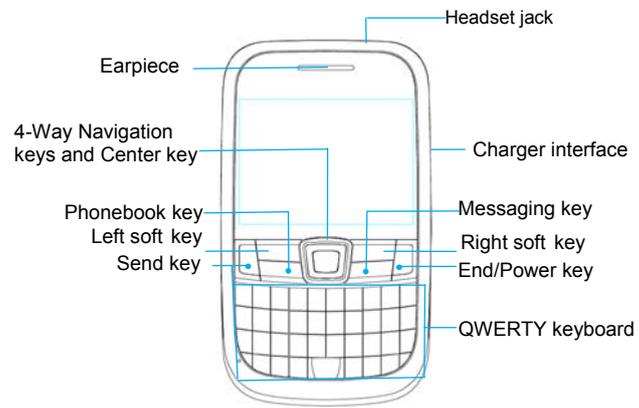
Limitation of Liability

ZTE shall not be liable for any loss of profits or indirect, special, incidental or consequential damages resulting from or arising out of or in connection with using this product, whether or not ZTE had been advised, knew or

should have known the possibility of such damages. The user should refer to the enclosed warranty card for full warranty and service information.

Note: The pictures and icons shown in the manual are just schematic drawings for function demonstration. If they are inconsistent with your handset, please take your handset as the standard. If the inconsistency exits in the manual because of the handset function updating, please refer to the follow-up public information from ZTE CORPORATION.

Key Functions

Headset jack

Earpiece

4-Way Navigation keys and Center key

Charger interface

Phonebook key

Messaging key

Left soft key

Right soft key

Send key

End/Power key

QWERTY keyboard

20

Function	Description
Left soft key	Performs the function indicated at the left bottom of the screen.
Right soft key	Performs the function indicated at the right bottom of the screen.
Center key	Press to confirm actions and make selections.
4-Way Navigation keys	These keys (UP, DOWN, LEFT and RIGHT) allow for navigation through menu options and quick access to some function menus.
Send key	Press to dial a phone number or answer a call, or view the call history in the standby mode.
End/Power key	Press to exit to the idle mode. Hold to switch on/off the phone.
QWERTY keyboard	Press to enter characters 0-9, the alphabets from a-z and symbols.

21

Note: In this User Manual, "press a key" means to press the key and release it immediately, while "hold a key" means to press the key for at least two seconds and then release it.

Locking and Unlocking the Keypad

In idle screen, hold ![key] key to lock the keypad.

To unlock the keypad, press the **Left soft key** and then press ![key] Key.

Locking the keypad can prevent unintentional operations on it. You can answer an incoming call with the regular operation when the keypad is locked.

Status Bar Icons

Indicator	What it means	Indicator	What it means
![icon]	Signal strength	![icon]	General
![icon]	Battery status	![icon]	Outdoor

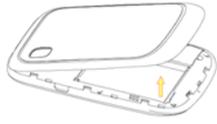|	Missed call		Silent
	Alarm clock set		Meeting
	New SMS		Bluetooth
	New MMS		Keypad locked

Battery

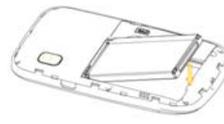The lithium ion battery of the mobile phone can be immediately used after unpacking.

Installing and removing the battery

1. Make sure that your phone is off and remove the battery cover.
2. Insert the battery by aligning the metal contacts with the contacts in the battery slot. And then push down the upper section of the battery until it clicks into place.

23

To remove the battery, pull it up and remove it from the mobile phone.

3. Replace the battery cover and close it gently until you hear a click.
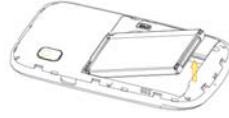
Remove the battery cover   Push down the battery

Replace the battery cover   Push up the battery from here

Charging the battery

Your phone is powered by a rechargeable battery. For maximum battery performance, it is recommended that you first use up the battery power and then charge it completely. A new battery's full performance is achieved only after three complete charge and discharge cycles.
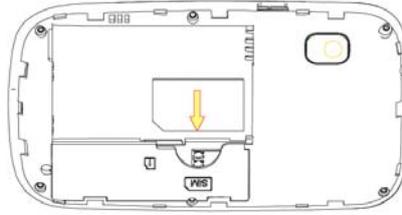
1. Connect your travel adapter to the right side of your mobile phone as shown in the diagram.
2. Connect the other end of the travel adapter to the mains socket.
3. When the battery is being charged, the display will show the animation of a battery being filled up.
4. When the battery is fully charged, disconnect the charger.

Inserting the SIM card

Insert the SIM1 card as follows.

1. Make sure that the phone is switched off and the charger is disconnected from the phone.
2. Turn the phone over and remove the battery cover.

3. Remove the battery if it is already installed.
4. Hold your SIM card with the cut corner oriented as shown and then slide it into the card holder with the metal contacts facing downwards.
5. Replace the battery first.
6. Replace the battery cover.

Insert the SIM1card

SIM card (Subscriber Identity Module) is a micro-chip that holds your personal information such as names and phone numbers. Your phone

won't work without it. If you already have contacts on your SIM card, they can be transferred in most cases.
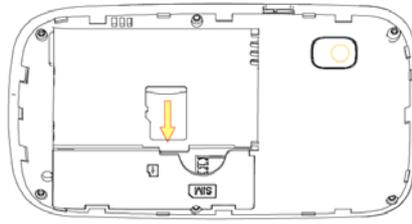
Inserting the Memory Card

You can use a memory card to expand the storage of the phone. You can store or copy files such as photos, music, videos and so on.

Do not take out the card or switch off the phone while transmitting or storing data, which may cause data loss or damage to the phone or the card.

Insert the memory card as follows.

Open the battery cover. Insert the card with the metal contacts facing downwards until it clicks to the right position.

Insert the Memory card

Powering your phone on/off

Make sure that your SIM card is in your mobile phone and that the battery is charged.

Hold the **End/Power key** to power on/off the phone. The phone will automatically search for the network when switched on.

Writing Text

- Entering letters
  - ◆ Press A ~ Z to enter desired characters. It does not work in numeric (123) mode.
  - ◆ Press ⬆ to switch between uppercase and lowercase.
  - ◆ Press ▣ to enter a space.
  - ◆ Press **Right soft key** to delete letters left of the cursor.
- Entering numbers

  In numeric mode, use the numeric keys to enter numbers.
- Entering Symbols

  Press **Options**→**Input method**→**Insert symbol**, then select desired symbol.

Adding Contact to the Phonebook

There are some numbers that you may want to call again and again, so

it makes sense to add these numbers to your **Phonebook**. You can then access these numbers quickly and easily.

1. Go to **Menu→Phonebook→Add new contact**.
2. Select to save the number to SIM or phone.
3. Edit the information and save it.

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

- To delete someone from your Phonebook list, first select the name, then select **Options→Delete**.

Making and receiving calls

The most basic way to make a call is to input the number in the standby mode and press the **Send key**. You can also make a call from the Phonebook list.

To call someone: Go to **Menu→Phonebook**. Use the Up/Down keys to find the name of the person you want to call. You can also type in the

first letter of the name of the person you want to call to find the right name, and then press the Send key.

- To receive a call, press the **Send key**.

- To end a call, press the **End/Power key**.

- To reject a call, press the **End/Power key**.

Make sure that you are in an area with sufficient signal coverage to make calls. The strength of the network signal is indicated on the Status Bar of the screen.

How to view Call history

Go to **Menu→Call center→Call history.**

Dialled calls, Received calls and Missed calls are saved in **Call history**. If the records are full, the earliest saved records will be deleted.

Also, you can delete call logs and view call timers in **Call history**.

How to configure Call settings

Go to **Menu→Call center→Call settings.**

You can set Call waiting, Call divert and Call barring and so on.

Sending and receiving messages

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

- Write a new message
  1. Go to **Menu→Messaging→Write message**.
  2. Write your message. For more information on input method, see section 'Writing Text'. When you write an SMS, press **Options→Send to**, and edit the recipient. When you write an MMS, you can edit To, Cc, Bcc, Subject and content. In content field, you can select **Options** and then choose add picture, sound, video, subject and so on.
  3. When you finish writing an SMS/MMS, select **Options** to send or save the message.
- View messages

  Upon receiving a message, the mobile phone will alert you with a

32

ringtone, prompt, or a new message icon.

1. Press **View** to open the Inbox. You can also go to Inbox to read the message.
2. Use the **Up/Down keys** to view the message.
3. While the message is open, use **Options** to reply, delete or forward the message. You can also call back the sender.

User profiles

Go to **Menu→ User profiles**. You can select **Options →Activate** to activate a profile. Or you can select **Options→Customize** to edit a profile.

Setting your phone

You can adjust various settings of your phone. Go to **Menu→Settings**.

- Phone settings: Set time and date and schedule power on/off, select language, set display, misc. settings, etc.
- Network settings: Set to automatically or manually select network, and

set the preferred networks.

- Security settings: Set security features to protect your phone and SIM card from unauthorized use.
- Connectivity: You can add and view your Data accout.
- Restore factory settings: Enter the phone lock code to restore to the factory settings. Some personal information might be lost if you use this function, so be careful.

Note: You may be required to input the phone lock code in some of the security setting interfaces. The default lock code is 1122. You can also change the phone lock code in **Settings**.

Bluetooth

The Bluetooth devices must be paired before the communication is performed.

1. Go to **Menu→ Settings →Connectivity→ Bluetooth**. You can turn on or off Bluetooth on your phone.

When Bluetooth is on, the ⚹ icon will appear in the status bar.

2. Go to **My device** →**Search new device** to search other Bluetooth-enabled devices and list them.

3. Select the desired device name in the list and press **Pair**.

4. Enter the wireless password, and then press **OK**. When the opposite party enters the same password, the connection will be established.

Note: Go to **Visibility**, you can choose to be visible or not. When your phone is visible, and the Bluetooth is turned on, all other Bluetooth-enabled devices within range can detect your phone.

Organizer

Go to **Menu**→**Organizer**.

- Calendar

  Enter the **Calendar**, the calendar of the current month will be displayed on the screen and the current date will be marked by a background box in a special colour.

- Alarm

  You can view, and edit the alarm clock settings. You can also enable or disable the alarms. By pressing **Edit**, you can set the corresponding features of the alarm according to instructions.

File manager

Go to **Menu→File manager**. You can check all the folders in the phone or memory card, create new ones or rename, delete the folders, etc.

Note: When you select **Format**, the data will be lost, so please be careful with this function.

Games

Go to **Menu→Fun&Games→Games**.

Your mobile phone has classic games. Select a game and start it, you can view **Help** to see the rules of the game.

Multimedia

Go to **Menu→Multimedia**.

- Camcorder

  Aim the camcorder at the object and then press the **Center key** to take the shot.

- Sound recorder

  Go to **Options→New record** to record a sound clip. Go to **Options→ List** to view the sound clips you recorded.

- FM radio

  With the radio, you can search for radio channels and listen to them. In the FM radio interface, you can press the **Up/Down keys** to adjust volume, press the **Left/Right keys** to tune the frequency, and press the **Center key** to pause.

  Note: The quality of the radio broadcast depends on the coverage of the radio station in that particular area. The wired headset works as an antenna, so always connect the headset when using the radio.

Services

Go to **Menu** → **Services**. Services allow you to view internet content. In Services you also can use the STK.

- Internet service

  You can perform the following operations:

  ♦ Homepage: Go to your homepage interface.

  ♦ Bookmarks: Access your phone's preset websites. Select a bookmark to load the website.

  ♦ Search or input URL: Input a URL to visit the site.

  ♦ Recent pages: Display the pages you've visited recently. Select an item to visit the page again.

  ♦ Settings: You can set Homepage, Data account, Browser options and Preferences.

- Licence manager

- ◆ Licence list: Display the list of licences.
- ◆ Status: Check the version and time.
- ◆ Advance: Select **Sweep** to remove useless licences and reboot your phone.
- STK

  SIM card Toolkit (STK) services are value-added services provided by your network provider.

  Your mobile phone supports STK service, but if your SIM card and network provider do not support the service, these functions can't be used.

WLAN

WLAN provides wireless Internet access.

Go to **Menu** →**WLAN**. Then your phone will search available networks and list them.

Note: When your phone has been connected to a WLAN Network, you can press **Options**→ **Disable WLAN** to turn off WLAN.