



V 228

User Manual

Notice

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Notice

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ZTE CORPORATION Address:

ZTE Deutschland GmbH, Am Seestern 18, 40547 Düsseldorf, Germany

ZTE Plaza, Keji Road South, Hi-tech Industrial Park, Nanshan District, Shenzhen, P. R. China

Postal Code: 518057

Website: <http://www.zte.com.cn>

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Important safety precautions



Failure to comply with the following precautions may be dangerous or illegal.

Road safety

Full attention should be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving causes distraction and can lead to an accident. You should comply with local laws and regulations restricting the use of wireless devices while driving.

Switch off the phone when refuelling

Do not use the phone at a refuelling point (service station) or near fuels or chemicals.

Aircraft

Mobile phones can cause interference. Consult airport and airline staff about the use of the phone on aircraft. Switch off the phone whenever you are instructed to do so.

**Switch off the phone near
all medical equipments**

Hospitals or health care facilities may be using equipment that could be sensitive to external radio frequency energy. Follow any regulations or rules in force.

Interference

The phone 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.

The phone 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 the phone 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.

Be aware of special regulations

Meet any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

Water resistance

Your phone is not water-resistant. Keep it dry.

Sensible use

Use only in the normal position (held to the ear).

Emergency calls

Key in the emergency number for your present location, then press the green Send key.

Keep your phone away from small children

Keep the phone and all its parts, including accessories, out of reach of small children. The product contains small parts with sharp edges that may cause injury or which may become detached and create a choking hazard.

Accessories and batteries

Use only ZTE-approved batteries and accessories. Use of any unauthorized accessories could damage you or your phone and may be dangerous. Dispose of used batteries according to the manufacturer's instructions.



At very high volume, prolonged listening to a mobile phone can damage your hearing.

Qualified service

Do not attempt to disassemble the mobile phone and battery by yourself. Changes and modifications made to the phone without the approval of manufacturer could void your authority to operate this phone.

Health and safety information

The phone with internal antenna has been tested for compliance with FCC RF Exposure (SAR) limits and is complied with FCC RF exposure compliance requirements.

Exposure to radio frequency energy

- Radio wave exposure and Specific Absorption Rate (SAR) information The handset is designed to comply with safety, requirements for exposure to radio waves. This requirement is based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.
- The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using a standardized method with the phone transmitting at its highest certified power level in all used frequency bands.

- While there may be differences between the SAR levels of various ZTE phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.
- The SAR limit recommended is 1.6W/kg averaged over one(1) gram of tissue. The highest SAR value for this model phone tested by 7LAYERS for use at the head is 0.912 W/kg(1g)
- The highest SAR value for this model phone tested by 7LAYERS for use at the body is 0.341 W/kg(1g) SAR compliance for body-worn operations is restricted to belt-clips, holsters, or similar accessories that have no metallic component in the assembly and which provide at least 1.5 cm separation between the device, including its antenna, and the users body.

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.

Precautions when using batteries

- Never use a charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near a network base station, the phone uses less power. Talk and standby times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge, the type of battery, and the charger used. The battery can be charged hundreds of times, but it will gradually wear out. When the operation time is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only ZTE-approved batteries, and recharge your battery only with ZTE-approved chargers. Disconnect the charger from the power source when it is not in use.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places because the capacity and lifetime of the battery will be reduced. Try to keep the battery at room temperature. A phone with a hot or cold battery may not work temporarily, even when the

battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0°C (32°F).

- Do not short circuit the battery. Accidental short circuiting can occur when a metallic object like a coin, clip or pen causes a direct connection between the + and - terminals of the battery (metal strips on the battery). For example, do not carry a spare battery in a pocket or bag where the battery may contact metal objects. Short circuiting the terminals may damage the battery or the object causing the short circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road safety

Your mobile phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of mobile phones, one that every user must uphold. When driving a car, driving is your first responsibility. Using a phone while driving causes distraction and can lead to an accident. When using your mobile phone while driving, follow local regulations in the country or region you are in.

Operating environment

Remember to follow any special regulations in force in the area you are in, and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, for the satisfactory operation of

the equipment and for the safety of personnel, it is recommended that the device should only be used in the normal operating position (held to your ear).

Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your mobile phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research. If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

Some digital mobile phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other medical devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch off your phone in health care facilities when regulations posted in these areas instruct you to do so.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic

systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.

You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch off your phone in any facility where posted notices require you to do so.

Potentially explosive environments

Switch off your phone when in any area with a potentially explosive atmosphere, and obey all signs and instructions to turn off mobile phones and other radio equipment. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refuelling point (service station). Users must observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include the areas below decks on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas, such as propane or butane, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency calls

This phone, like any mobile phone, operates using radio signals, wireless, and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any mobile phone for essential communications like medical emergencies.

To make or receive calls, the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all mobile phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. Switch on the phone.
2. Key in the emergency number for your present location. Emergency numbers vary by location.

3. Press the green Send key.

Certain features like Call Barring may need to be deactivated before you can make an emergency call. Consult this document and your local cellular service provider.

Other important safety information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all mobile phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.

- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. Improperly installed wireless equipment could result in serious injury if the air bag inflates.
- Mobile phones can cause interference. Consult airport and airline staff about the use of the phone on aircraft. Switch off the phone whenever you are instructed to do so.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care.

- Keep your phone and all its parts and accessories out of reach of small children and pets. They may inadvertently damage these things or choke on small parts.
- Keep the phone dry. Precipitation, humidity, and liquids contain minerals that corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.

- Do not store the phone in hot areas above 60°C (140°F). High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone. Wipe it with a soft cloth.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.

- Do not put the phone in or on heating devices, such as a microwave oven, stove, or radiator. The phone may explode when overheated.
- If the phone, battery or charger is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

FCC COMPLIANCE STATEMENT









This device complies with part 22 and Part 24 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.

We, ZTE Corporation, declared that the product is installed with battery separately in the box. The FCC ID label is placed on the mobile phone clearly visible to all persons at the time of purchase.

Your phone



Interface icons

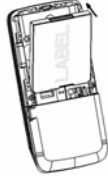
Icon	Description	Icon	Description
	Signal strength		New message
	Call diverting		Silent profile
	Keypad locked		Alarm clock set
	Roaming		Battery status
	Vibration		Headset

Battery

The lithium battery of the mobile phone can be immediately used after unpacking. A new battery performs best after performing a full charge/discharge 3 times.

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.
2. Push down on the upper section of the battery until it clicks into place.
3. Replace the battery cover and press it gently until you hear a click.



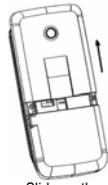
Pull down the Battery



Slide down the cover until you hear a click

Removing the battery

1. Ensure that your mobile phone is switched off.
2. Remove the battery cover.
3. Pull the battery up and remove it from the mobile phone.



Slide up the cover



Pull up the battery from here

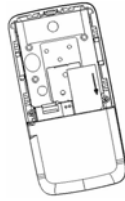
How to insert the SIM card

You want a mobile phone that is sophisticated yet easy to use and here it is in your hands! Naturally you are eager to start using it, but first you need to insert the SIM card.

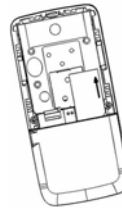
Insert the SIM card as follows:

- Ensure that the phone is switched off and the charger is disconnected from the phone.
- Turn the phone over and remove the back cover.
- If the battery is already inside, remove it!
- Hold your SIM card with the cut corner oriented as shown and then slide it into the card holder face down.
- Replace the battery first.

- Replace the back cover.



Insert the SIM card



Pull out the SIM card

What is a SIM card ?

Every mobile phone has a SIM card (Subscriber Identity Module). This 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.

How to charge the battery

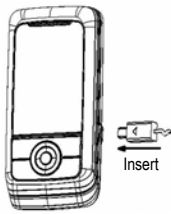
Your phone is powered by a rechargeable battery. The battery needs to be charged for at least 6-8 hours before you can make your first call.

- Connect your travel adapter to the right side of your mobile phone as shown in the diagram.
- Connect the other end of the travel adapter to the mains socket.

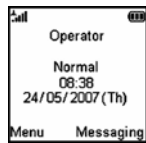
Note: The side with arrow should be upright while connecting.

- If you are charging the battery when the mobile is switched off, the display will show the battery icon with the bars moving from right to left. If charging the battery when the mobile is switched on, the display will show the battery icon with a lightning strike.

- When the battery is fully charged, disconnect the charger.



Power on/ off your phone



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

Please hold the End key to power on/off the phone. The phone will automatically search for the network.

Display information

Besides sending and receiving calls, you can also do:

- Press **Left soft key** to enter main Menu.
- Press **Right soft key** to view Messaging.
- Press **Send key** in standby mode to enter Call menu list.
- Press **End key** to exit to standby mode.
- Press **Left soft key** and then **Centre key** in standby mode to unlock the keypad.
- You can customise the fastkey settings of **4-Way Navigation key** for standby mode.

Note: In this User Manual to "press" a key means to press the key and release it. To "hold" a key means to keep pressing the key.

Menu tree

1. Games	4.4 Silent	6.4 Define rest day
1.1 Tetris	4.5 Headset (appears only when headset is connected)	7. SIM
1.2 Push box		8. Contacts
2. Call Menu	5. Messaging	9. Settings
2.1 Calls	5.1 New message	9.1 Phone settings
2.2 Diverts	5.2 Inbox	9.2 Display settings
3. Tools	5.3 Sent folder	9.3 Clock settings
3.1 Calculator	5.4 Draftbox	9.4 Call settings
3.2 World clock	5.5 Msg settings	9.5 Fixed dialling number
3.3 Calendar	5.6 Voicemail	9.6 Service dialling number
3.4 Conversion	5.7 Cell info.	9.7 Network settings
4. Profiles	6. Alarm	9.8 Security settings
4.1 Normal	6.1 Set alarm	9.9 Factory settings
4.2 Meeting	6.2 List alarms	
4.3 Outdoor	6.3 Clear all	

Writing text

- Change input mode: Press **# key** to change the input mode (input modes: Eng, ABC, abc, Abc and 123).
- Input Letters: In **ABC/abc/Abc/123** mode, press the corresponding letter key till the letter appears.
- Input Words: In **Eng** 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**. 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/Abc** mode, long press the number key.
- Input Symbol: Press *** key** to enter a symbol. In **ABC/abc/Abc** mode, press **1 key** till the required symbol (common symbols) appears.
- Selecting Template: Hold *** key** to open Templates. Select the required template.
- 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.

How do I add people to my Contacts

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

- Select **Menu** then **Contacts**.
 - Press Left soft key [Options], and then select **Add new Contact**.
 - Select whether to save the new contact to your SIM card or to the phone's memory.
 - Enter the contact's phone number.
 - Press Left soft key [OK], then enter a name and confirm by clicking Centre key.
-
- If **Phone** is selected to save new contact, you need also to select the group and

then confirm by clicking Centre key.

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 [Contacts list](#).

- To delete someone from your [Contacts list](#), first select the name, then press Left soft key [Options] and choose [Delete](#).

How to 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 [Contacts](#) and call them more easily.

To call someone:

- Press Centre key in standby mode and then choose [Contacts]. From here 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.
- 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.

How to send and receive text messages

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

1. Go to [Menu](#)→[Messaging](#)→[New message](#).
2. Write your message. For more information on writing, refer to [Writing text](#).
3. Press the [Left soft key](#) [Options] and select [Send to one](#) to send the message to one person.

To send to more than one person, select [Send to contacts](#) and select the names from the contact list.

Select [Send and save](#) to send the message and save it to [Sent folder](#). Select [Save as draft](#) to save it to [Draftbox](#).

4. Enter the recipient's phone number or select [Contacts](#) 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](#) [Select] 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](#) [Options] to [Reply](#), [Delete](#), or [Forward](#) the message.

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→Contacts→Options→Add new Contact
Edit contact	Edit a contact	Menu→Contacts→Options→Edit
Delete contact	Delete one contact Information	Menu→Contacts→Options→Delete
Find contact	Search for a phonebook entry	Menu→Contacts→Options→Search
Memory Status	Shows the number of entries in the phonebook	Menu→Contacts→Options→Settings→Used space
Send message	Send text messages to other mobile phones	Menu→Messaging→New message
Read message	Read text messages (received, sent)	Menu→Messaging→Inbox/Sent folder
Templates	Preset messages to help make Sending text messages easier and quicker	Menu→Messaging→Msg settings→Templates
Vicemail	Receive and listen to voice messages	Menu→Messaging→Voicemail or long press on 1 key to call voicemail
Recent calls	View all recent calls	Menu→Call Menu→Calls→All calls/Received calls /Dialled calls/Missed calls or Select green Send key from the home screen

Function	Description	Selection
Calculator	Execute basic mathematical calculation	Menu→Tools→Calculator
World Clock	Check time in major cities	Menu→Tools→World clock
Calendar	View a full-screen monthly calendar	Menu→Tools→Calendar
Conversion	Set the exchange rate and account foreign currency or vice versa	Menu→Tools →Conversion
Ringtone	Set ringtone	Menu→Profiles→Select Profile (Normal/Meeting etc.)→Personalise →Ringtone
Alarm	Set alarm alert time	Menu→Alarm→Set alarm
Language	Set the default language	Menu→Settings→Phone settings→Language
Fastkey settings	Set the shortcuts for the navigation keys (Up/Down /Left/Right key)	Menu→Settings →Phone settings →Fastkey settings
Wallpaper	Select wallpaper for home screen	Menu→Settings→Display settings→Wallpaper
Clock Settings	Set date and time	Menu→Settings→Clock settings→Date and Time
Anykey answer	Press any key to answer an incoming call except End key and Right soft key	Menu→Settings→Call settings→Anykey answer
Auto response	Automatically connects an incoming call (in 8 secs.) when a headset is connected.	Menu→Settings→Call settings→Auto response

Function	Description	Selection
Minute minder	Sound an alert tone ahead of every minute	Menu→Settings→Call settings→Minute minder
Connected minder	Sound an alert tone when a call is connected	Menu→Settings→Call settings→Connected minder
Call waiting	Hold the first call and answer the second call	Menu→Settings→Call settings→Call waiting
Hide my number	Choose whether to show/hide my number when calling someone	Menu→Settings→Call settings→Hide my number
Continue on slider shut	The call continues even if the slider is closed	Menu→Settings→Call settings→Continue on slider shut
Fixed dialling number	Phone numbers preset in the list can be dialled	Menu→Settings→Fixed dialling number
Service dialling number	Phone numbers preset by network service provider can be dialled	Menu→Settings→Service dialling number
Network settings	Set network searching Mode	Menu→Settings→Network settings
Security settings	Access your phone's security settings * Default phone code is 1234	Menu→Settings→Security settings
Factory settings	Restore to original factory settings	Menu→Settings→Factory settings