

X160 CDMA 20001X

Digital Mobile Phone

User Manual

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X160

**CDMA 2000 1X Digital Mobile Phone
User Manual**

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1.1 Introduction

Thank you for choosing X160 CDMA 2000 1X mobile phone of ZTE Corporation.

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

ZTE declares that this product is in compliance with the essential requirements and other relevant provisions of Directive1999/5/EC.

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.

Note	Digital Mobile Phone will be shortly referred to as mobile phone.
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Your mobile phone offers the following functions:

Normal Call	Makes common calls based on CDMA network.
Short Message	Sends, receives and composes short messages.
Grouping Phone Book	Stores 200 entries in different groups, and each contains 3 phone numbers, 1 email addr, 1 street addr. and 1 web page.
Personal Schedule	Convenient and routine schedule management.
Game	Different games bring you much fun and relaxation.

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 to provide the service provider with your phone's ESN, which can be found on the back of the mobile phone after the battery is removed. Keep the ESN properly for future use.

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

- Set a PIN code (if your mobile phone supports R-UIM card) and modify it at intervals.
- Take it with you as you can.

1.3 Safety Warnings and Precautions

Precautions for using the phone

- Do not use your mobile phone near TV set, radio or office automated equipments to avoid mutual influence.
- Use your mobile between temperature -30° C - 55° C.
- Power off your mobile phone as required such as on airplane or in hospital. As mobile phones may affect the normal operation of electronic devices or medical apparatus,

you are required to follow the mobile phone usage regulations in the above cases.

- Do not use your mobile phone in the place where there is weak signal or near the high-precision electronic devices. Radio wave interference may cause misoperation or other problems to electronic devices, especially medical devices such as audiphone and pacemaker, fire detector and auto-control equipments such as auto-door. For details on the influence that your mobile phone would probably have upon pacemaker or other medical devices, consult the manufacturer or the local distributor.
- Do not use your mobile phone in gas station. Power off your mobile phone near fuels or chemicals.
- Occasionally, using phone in the vehicles of certain models might bring negative effect to the internal electronic devices. In this case, do not use your mobile phone to ensure safety.
- Keep your mobile phone away from magnetic objects such as magcards because radio wave of your mobile phone may clear out the information stored in floppy disks, deposit cards or credit cards.
- Protect your mobile phone against dampness. Water or other kinds of liquid entered your mobile phone might cause overheating, creepage or failure.
- Do not disassemble or reassemble your mobile phone because this might cause damage, creepage or circuit failure.
- Do not use your mobile phone if your antenna is damaged, otherwise it may cause body injury.

1 Before Use

- Keep traffic security in mind and follow the local corresponding rules and regulations.
- Place the phone out of the reach of small children. The phone may cause body injury if used as a toy.
- 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 phone. The phone speaker is magnetic and thus magnetizes those metal objects, which may hurt people or damage the phone.
- Use the original accessories or those authenticated by ZTE. Using any unauthenticated accessories may affect your mobile phone's performance, hurt your phone or even cause danger to your body and violate related national regulations about telecom terminals.

Precautions for using the battery

- The battery life is limited, and becomes shorter and shorter if the battery is charged frequently. If the battery fails to be charged several times, it shows the battery is worn out and needs to be replaced.
- Do not throw the battery into household garbage but dispose it as required in specified place.

Before Use *1*

- Do not throw the battery into fire, otherwise it might cause fire or explosion.
- Do not press the battery with great force, otherwise it may cause battery leakage, overheating, explosion or fire.
- Do not disassemble or reassemble the battery, otherwise it may cause battery leakage, overheating, explosion or fire.
- Replace the battery that gets heated, changed in color or deformed during use, charging or storage.
- Prevent the battery against dampness, otherwise it might cause overheating, smoldering or erosion.
- Do not expose the battery in direct sunshine, around a car or near any place where there is high temperature, but place it in ventilated and cool places. Otherwise it might cause leakage or overheating. This might affect the battery's performance and shorten its life.
- Do not keep charging the battery continuously for more than 24 hours.

Precautions for using the charger

- Use the power voltage between 100VAC and 240VAC. Using the voltage beyond the range may cause leakage, fire or damage to the phone and charger.
- Do not short-circuit the charger, otherwise it might cause electric shock, smoldering or

1 Before Use

damage.

- Do not charge in the places where there is direct sunshine, dampness, dust or vibration, or near electric apparatus such as TV set, radio.
- Do not use the charger with damaged power cables, otherwise it 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, leaking, electric shock or failure.

- Do not disassemble or reassemble the charger, otherwise it 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; otherwise it might cause electric shock or fire.
- Remove power plug from the socket before cleaning and maintenance.
- Clean the accumulated dusts from the power socket in time.
- Hold the charger rather than pull the power cable while removing the plug from the socket; otherwise it might cause damage, electric shock or fire.

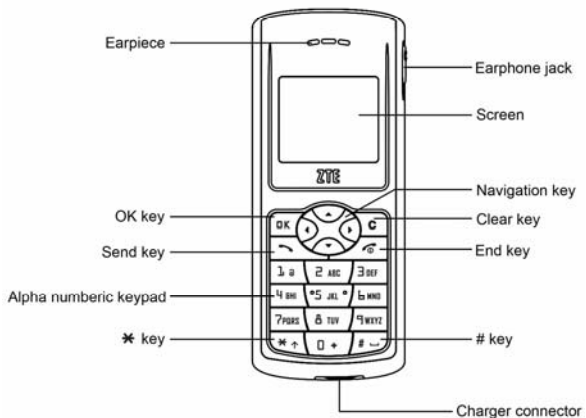
Cleaning and maintenance

- Clean the phone, battery and charger with a soft dry cloth.
- Do not clean the phone with the liquor such as alcohol, dilution agent or benzene.
- Clean the socket at intervals because a dusty socket might cause disconnection, power failure, or even charging failure.

1 Before Use

1.4 Parts Definition

1.4.1 Keys and Appearance



1.4.2 Key Definition

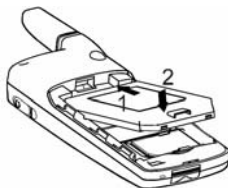
Names	Descriptions
 OK key	Entering the menu or selecting from the menu.
 Clear key	Under the status of text editing, clearing all the existing text by pressing and holding it, or clearing the letter before cursor. Under other status, returning to the previous menu.
 Send key	Sending or receiving a call. In idle mode, acting as the shortcut for call history (all call records).
 End key	Hanging up the phone during a conversation; returning to idle mode; Powering on/off by pressing it and holding it.
 Navigation key	Scrolling the menu, or moving the cursor as inputting the text. Adjust the volume. In idle mode, the up key is shortcut for Mute; the down key is shortcut for SMS; the left key is shortcut for Extra and the right key is shortcut for contacts (all contacts).
0~9 Alphanumeric keypad	Inputting numbers, letters and symbols.
"1" key	Inputting some common symbols in abc/ABC mode.
 * key	Entering the list of symbols in any kind of input method. When only the numbers are allowed to input, press  to Input "*" In idle mode, press and hold * key to set alert type.
 # key	Switching the input methods as inputting the text. When only the numbers are allowed to input, press  to input "#" Locking the keyboard by pressing it and holding it.

1 Before Use

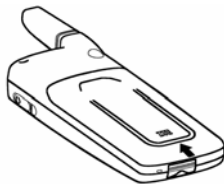
1.5 Battery

1.5.1 Installing Battery

1. Press the spring button downwards, and then push down the back cover of the battery.
When the button is unlocked and the cover can not be pushed down, take out the back cover.
2. Insert the battery into the slot and insert the top firstly.

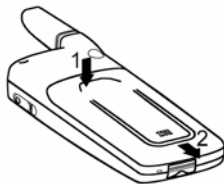


3. Put the back cover of the battery on the phone and make sure the clasp is in the slot.
Push the back cover in the direction indicated by the arrow until it is locked.



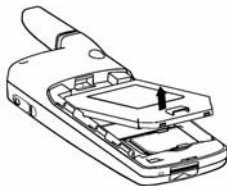
1.5.2 Removing the Battery

1. Press the spring button downwards, and then push down the back cover of the battery.
When the button is unlocked and the cover can not be pushed down, take out the back cover.



2. Pull the battery in the direction indicated by the arrow and take out the battery.

1 Before Use



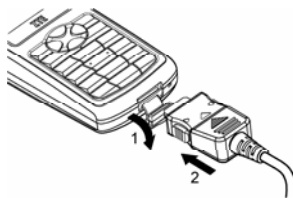
Note	Power off the phone before taking out the battery.
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1.5.3 Charging the Battery

The lithium battery of phone can be used directly after being taken out from the package, but it needs to be charged firstly before use because the new battery is not fully charged.

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.

Before Use *1*



1. Insert the charger plug into the bottom of the phone (the side with arrow is upturned), and connect the charger to power socket.
2. When the phone is powered on, the smaller battery bar on up-right corner of the screen keeps scrolling during charging; when the phone is powered off, the larger battery bar in the center of the screen keeps scrolling during charging.
3. If the phone is used excessively without enough capability, the battery bar will not immediately appear on the screen of the phone when charging starts.
4. You could charge the battery when the phone is on or off. When the phone is on, the

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

5. Please disconnect the charger from the phone and the outlet when the charging is

1 Before Use

completed.

Note	1. Put your phone in ventilated place with normal temperature during charging. Use the original accessories or those authenticated by ZTE. Using any unauthenticated accessories may affect your mobile phone's performance, hurt your phone or even cause danger to your body and violate related national regulations about telecom terminals. 2. Charge your phone in time when it is powered off automatically or prompts the lack of the power.
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1.6 Insert and Remove R-UIM Card

Consult your network service provider whether your phone needs R-UIM card or not.

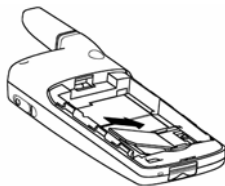
Note	Skip this section if your phone does not need R-UIM card.
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If your network service provider requires R-UIM card, you need to insert a valid R-UIM card before use. All the information about network connection is recorded in R-UIM card, together with information saved in R-UIM card phonebook.

Note	Please make sure that the phone is powered off and disconnected from the charger before inserting or taking out the R-UIM Card.
-------------	--

1. Insert the R-UIM card into the socket from left to right as the picture indicates. Please put

the gap of the R-UIM card toward left.



2. Power off the phone, remove the charger and battery, and then take out the R-UIM card from the socket as the arrow's direction.

1.7 Power On / Off

Power on

Press and hold  until the greeting picture appears.

Your phone will check whether the R-UIM card is plugged in and usable or not after powering on. Then the following information will appear on the screen in turn:

- **Input PIN:** If the PIN code of R-UIM card is set.

1 Before Use

Note

Skip this section if your phone does not support R-UIM card. The R-UIM card will be locked if you enter wrong PIN code three times. Then you need PUK code to unlock the R-UIM card. The PIN code and PUK code may be provided together with the R-UIM 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.

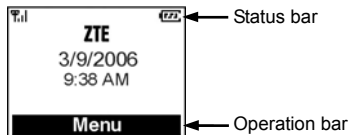
- **Search for network:** Search for the available network.

Power off

Press and hold  until you see the powering off animation on the screen.

The screen becomes black after the phone is powered off, and displays battery charging bar during charging.

1.8 Interface Introduction



Icons on the Status Bar

Icons	Descriptions
	Network signal strength
	Call in progress
	Keys locked
	Roaming status indication
	Unread messages
	Alerting by vibrator
	In mute mode
	Alarm is on
	Current battery capacity

2 Making and Receiving Calls

2.1 Making Calls

You can make a call in any of the following three ways:

1. Direct dial.
2. Dial from phone book.
3. Dial from recent calls.

Direct dial

Enter the desired telephone number in idle mode and press  to dial.

Dial from phone book

1. Press  in idle mode to access **Menu** ☐ **Contacts**.
2. Press  to select **Find** or **In Phone** to search the desired contact.
3. Press  to dial the default number of the contact.
4. If you need to dial other number of the contact, press  to view the details, then press  to select the number which you want to dial, press  to dial the selected number.

Note

1. Press the right key of  in idle mode to enter **[Contacts]**.
2. Refer to section "Search for a contact" in chapter "Contacts".

Making and Receiving Calls 2

Dial from recent calls

1. Press  in idle mode to access **Menu**  **Recent Calls** .
2. Press / to select **Missed Calls** , **Incoming Calls** , **Outgoing Calls** and **All Recent Calls** , Select the desired number.
3. Press  to dial the selected number.

Note

Press  in idle mode to enter "All Recent Calls".

2.2 Receive a Call

When a call is incoming, press  key to receive it; press  to select **Mute** ; press  to reject the incoming call.

2.3 Hang up a Call

Press  to hang up a call during conversation.

2.4 Menu during Conversation

1. During conversation, the other side can not hear your voice when you press  key to

2 Making and Receiving Calls

select **Mute** and press ; Press  again to return to normal conversation.

2. During conversation, press  key to select **Menu** The operation will not end the conversation.

2.5 Dial Extension Numbers

1. Input the exchange number, press  key to select **Pause** then press  key, the Letter 'P' will be added after the exchange number.
2. Input the extension number.
3. Press  to dial.
4. After the exchange number is connected, press  key and the phone will dial the extension number automatically.



You can save names and phone numbers in the R-UIM card or in the phone. Up to 200 entries can be stored in the phone, and each entry contains 3 telephone numbers, 1 e-mail address, 1 street address and web page. Five methods of storing number are available: Work, Home, Mobile, Pager and Other. Each contact saved in R-UIM card corresponds to one unique telephone number.

For easy search, contacts are divided into 2 groups: Personal Group and Business Group.

Note

The contact can only be saved in the phone if your phone doesn't support R-UIM card. Please skip the related contents.

Contacts Icons

Icons	Descriptions	Icons	Descriptions
	Work phone number		Home phone number
	Mobile phone number		Other phone number
	Email		Address
	Web Page		Pager
	Records in UIM card		

3 Contacts

3.1 Add a Contact

Store in the phone

1. Select **Menu** ☐ **Contacts** ☐ **Add to Phone**.
2. Select the information you want to add: Phone, Email, Address, Web Page.
3. Press **OK** twice and select **Next**, input the name.
4. After inputting, select **Next**.
5. Scroll the highlight to the information which was added just now (such as phone), then press **OK**. You can continue other operations, such as **Number Type**, **Edit**, **Send text msg**, **Erase**, **Save in R-UIIM** or **Add to Speed Dial**.
6. Scroll the highlight to **Options**, press **OK** to confirm.
 - **Add to Phone**: Add new information.
 - **Edit Name**: Edit the name of contact.
 - **Classify Contact**: Divide the information into Personal and Business.
 - **Erase Contact**: Erase the new record.

Store in the R-UIIM card

1. Select **Menu** ☐ **Contacts** ☐ **Add to R-UIIM**.

2. After inputting the phone number, press **OK** twice to select **Next**, then input the name.
3. After inputting, select **Next**.
4. Scroll the highlight to the number which was added just now and then press **OK**, You can continue other operations, such as **Edit**, **Send text msg**, **Save on phone** or **Add to Speed Dial**.
5. Scroll the highlight to **Options**, press **OK** to confirm.
 - **Edit Name**: Edit the name of contact.
 - **Erase Contact**: Erase the new record.

Store in idle mode

Input the phone number in idle mode, press **◀/▶** to select **To Phone**, **To Existing**, **To R-UIM**, then press **OK** to the next operation.

Note

Under the editing status, press **⏏** to clear the inputs on the screen one by one, or hold **⏏** to clear all the inputs on the screen.

3.2 Search for a Contact

This phone provides four methods to search a phone number: direct search, search by name, search by number and search by group.

3 Contacts

Direct Search

1. Press  on the idle screen to enter **Menu** ☐ **Contacts** ☐ **In Phone**.
2. All the contacts are listed, and use ▲/▼ to select the name you want to search.

Search by Name

1. Press  in idle mode to enter **Menu** ☐ **Contacts** ☐ **Find** ☐ **According to name**.
2. Input the name to be searched, and then press .
3. Use ▲/▼ to select the contact you want to search.

Search by Number

1. Press  in idle mode to enter **Menu** ☐ **Contacts** ☐ **Find** ☐ **According to number**.
2. Input the phone number to be searched, and then press .
3. Use ▲/▼ to select the contact you want to search.

Search by Group

1. Press  in idle mode to enter **Menu** ☐ **Contacts** ☐ **Personal / Business**.
2. Use ▲/▼ to select the contact you want to search.

3.3 View a Contact

1. Search the contact you want to view (Refer to "Search for a contact").
2. Press  to view the details of the contact. At this point, use ▲/▼ to select the number, and press  to dial the number.

3.4 Modify a Contact

1. Search the contact you want to view (Refer to "Search for a contact").
2. View the contact you want to modify (Refer to "View a contact").
3. Edit the contact. The operation is the same as "Add a contact".

3.5 Erase a Contact

1. Search the contact you want to view (Refer to "Search for a contact").
2. View the contact you want to erase (Refer to "View a contact").
3. Select **Options**  **Erase Contact**.

3 Contacts

3.6 Move the Record between the Phone and R-UIM Card

Move the record from phone to R-UIM card

1. View the contact you want to modify (Refer to "View a contact").
2. Press ▲ or ▼ to scroll to your desired record, press  to select **Save on R-UIM** .

Move the record from R- UIM card to the phone

1. View the contact you want to modify. (Refer to "View a contact").
2. Press ▲ or ▼ to scroll to your desired record, press  to select **Save on Phone** .

3.7 Speed Dial Number

There are totally 8 speed dial numbers in the phone, ranging from 2 to 9.

3.7.1 Add a Speed Dial Number

1. View the contact you want to modify (Refer to "View a contact").
2. Press ▲ or ▼ to scroll to your desired record, press  to select **Add to Speed Dial** .

3.7.2 Dial a Speed Dial Number

In idle mode, press and hold the corresponding numeric keys to dial the phone number.

Note

Press  in idle mode to enter **Menu** ☐ **Contacts** ☐ **Speed Dial List** to view the list of all the speed dials.

3.8 Check Memory Status

In idle mode, press  to enter **Menu** ☐ **Contacts** ☐ **Memory Status**.

3.9 Erase All Contacts

1. In idle mode, press  to enter **Menu** ☐ **Contacts** ☐ **Erase All Contacts**.
2. Select **In Phone / In R-UI** or **Back** to cancel this step.

4 Short Messages

This function enables you to send, view, reply, forward, send to multi-receivers and delete the short messages. The received short message are stored in the inbox, and unsent or sent short messages are stored in the outbox.

If your phone supports R-UIM card, you can move the short messages from the inbox to R-UIM card.

Enter "Messages" :

In idle mode, select **Menu** to enter, and then press ▲/▼ to select **Messages**, press  to enter, or in idle mode press ▼ directly to enter the menu.



4.1 Edit Short Messages

After editing a short message, you can send it immediately, or save it as draft.

1. Enter "Messages", select **Create Message**.
2. Input the text, press  and ► to set **Priority** and **Pref Msg**.

3. Input number of the recipient or select from Contacts.
4. Press **Next** ☐ **Send** to send it immediately; select **Save** to save it in **Outbox** ; select **Send to multi** to send it to several recipients (Refer to "Send to Multi" chapter).

4.2 Inbox

Icons in the Inbox

Icons	Descriptions
	Unread Messages
	Read Messages
	Emergent Messages

4.2.1 View Messages

1. Enter "Messages", select **Inbox** .
2. Press **▲/▼** to choose the desired short message and press **OK** to view.
3. During viewing, press **▲** or **▼** to view the whole message; press **◀/▶** to select **Reply** / **Forward** / **Next** / **Erase** / **Sender** / **Move to R-UI** .

4 Short Messages

4.2.2 Save Phone Number from Message

1. Enter the message you want to view, press ◀/▶ to select **Sender**.
2. Press  and ◀/▶ to select **Call** to dial this phone number.
3. Choose **Reply** to reply to the sender.
4. Select **To Phone** to save the phone number of sender in your phone.
5. Select **To Existing** to save the phone number of sender in existed records.
6. Select **To R-UIM** to save the phone number of sender in R-UIM card.

4.2.3 Receive New Message

1. The system will alert upon receiving a new message. Select **View** to go into the inbox directly; select **Ignore** to exit the menu.
2. If there are unread messages in the inbox, "✉" will appear on the status bar on the idle screen.

4.2.4 Full Inbox

1. **The messages in the inbox ≥ 15**. "The Message memory is approaching capacity. You may wish to delete some old messages." will be displayed on the screen when a new message comes. Select **OK** to exit; select **Erase old** to enter inbox directly, and press ▲/▼ to delete the messages.

2. **The messages in the inbox = 20** . "The last text message was rejected. You may wish to delete some old messages." will be displayed on the screen and "✉" flicks on the status bar when a new message comes. Select **OK** to exit, select **Erase old** to enter inbox directly, and press ▲/▼ to delete the messages.

4.3 Outbox

Icons in outbox

Icons	Descriptions
	Sent Messages
	Unsent Messages

In the outbox, you can view all the sent & unsent messages.

1. Enter "Messages", and select **Outbox** .
2. Press ▲/▼ to select the desired message and then press  to view.
3. Press ◀/▶ to select **Erase / Send / Forward / Edit** (only the unsent message can be edited).

4.4 Delete Messages

Enter "Messages", select **Erase Messages** and then **Entire Inbox / Entire Outbox / Entire R-UIIM / Old Inbox** .

4 Short Messages

4.5 Send to Multi-receivers

1. Enter "Messages", and select **Send to Multi**.
2. Select **Add Receiver** and add 10 receiver numbers at most; You can add the phone number directly or press  and ► to add from the Contacts.
3. Press  to confirm, select **List OK** to edit the message text to send.

Note	1. You can delete or edit the phone numbers of the list. 2. You can [Resend] or [Abort] the number which is failed to send.
-------------	---

4.6 Preset Messages

There are some common messages stored in your phone for you to select and send directly, or send after editing. You can also insert it as writing a message.

The operation of inserting the message is as below:

1. Enter "Messages", select **Create Message**.
2. Input the text and then press  and ► to select **Pre Msg**, select the desired messages.
3. Select **Continue** to input the phone number of receiver, press **Continue** ☐ **Send** to send the message or select the phone number from Contacts and then press  to send.

4.7 Voice Mail

Please consult your network service provider before use. If a new voice message is received, the system will send a text message to your phone automatically. View the message and dial the number to listen to the voice mail.

Hold  to dial the voice mail number to read the voice mail.

Note	The function requires network support.
-------------	--

4.8 Short Message Settings

You can set the short message functions based on your own needs.

Voice Mail Number

Note	Consult your network service provider for the specific number.
-------------	--

1. Enter "Messages", select **Message Settings** ☐ **Voice Mail Number**.
2. Select **Yes** to add the number and then press .

Message Alert

Set alert mode when a new message comes. You may select **Alert Once** or **Alert & Remind**.

4 Short Messages

- **Alert Once:** Only alert once when a new message comes.
- **Alert & Remind:** When a new message is not acknowledged, the phone will ring per minute to remind the user until it is acknowledged.

Note	The message alert can be set in [Sound] of [Settings] . "Vibe+Ringer" and "vibration" can only be used as incoming call alert.
-------------	--

Auto Erase

When **Enable** is activated and the inbox is full, the messages read earliest will be automatically deleted when a new message comes.



Recent incoming calls, missed calls and outgoing calls are saved in **Recent Calls** . The earliest call will be deleted automatically when the records are full.

5.1 Recent Call Icons

Icons	Descriptions
	Received Calls
	Missed Calls
	Dialed Calls

5.2 View Recent Calls

Two methods are available to view recent calls.

5 Recent Calls

View from Menu

1. In idle mode, press  to enter the main menu, press ▲/▼ to select **Recent Calls** and press  to enter.
2. Press ▲ or ▼ to scroll to the desired type of recent calls (Missed Calls, Incoming Calls, Outgoing Calls, All Recent Calls), press  enter the call list of the selected type.
3. Press ▲ or ▼ to choose the desired record, and then press  and **Call Information** to view the details.

Quick View

1. In idle mode, press  to enter the list of **All Recent Calls**.
2. Press ▲ or ▼ to scroll to your desired record, and press  and **Call Information** to view the detailed information.

5.3 Delete an Entry

1. Enter the call list (see "View Recent Calls").
2. Press ▲ or ▼ to scroll to the desired record, and then press  to select **Delete Entry**.

5.4 Delete All

1. In idle mode, press  to enter **Menu** ☐ **Recent Calls** ☐ **Delete All Calls**.
2. Select **Missed Calls** / **Incoming Calls** / **Outgoing Calls** / **All Recent Calls** to delete.

5.5 Send Message from Recent Calls

1. Enter the call list (see section "View Recent Calls").
2. Press **▲** or **▼** to scroll to the desired number and then press  to select **Send text msg**.

5.6 Edit Phone Number of Recent Calls

1. Enter the call list (see section "View Recent Calls").
2. Press **▲** or **▼** to scroll to the desired number and then press  to select **Edit Number**;
3. After the editing, you could dial the edited number.

5.7 Dial from Recent Calls

1. Enter the call list (see section "View Recent Calls").
2. Press **▲** or **▼** to scroll to the desired number and then press  to dial.

6 Settings

In idle mode, press  to enter **Menu**, and press ▲/▼ to select **Settings**.



6.1 Auto Key Guard

1. Press  to enter **Settings** ☐ **Auto Key Guard**.
2. Select **Off** / **30 seconds** / **2 minutes** / **5 minutes**.

Note	Input 123 to unlock the keypad.
-------------	---------------------------------

6.2 Supplementary Services

6.2.1 Call Waiting

When this function is activated, you can switch to the second incoming call by pressing



when you are already in a call.

Note	Network support required.
-------------	----------------------------------

1. Press **OK** to enter **Settings** ☐ **Supp. Services** ☐ **Call Waiting**.
2. Select **Activate / Deactivate** to operate.

6.2.2 Call Forward

This function enables you to forward incoming calls to another phone number. Please consult your network service provider to apply for this function.

1. In idle mode, press **OK** to enter **Settings** ☐ **Supp. Services** ☐ **Call Forwarding**.
2. Select **All / Busy / No Answer / Default / Cancel All** to operate.
 - **All**: Forward incoming calls in any condition.
 - **Busy**: Forward incoming calls when busy.
 - **No Answer**: Forward incoming calls when no answer.
 - **Default**: Forward incoming calls when busy or no answer.
 - **Cancel All**: Cancel all the calls forward.

Select **Activate / Deactivate / Cancel** to operate.

Note	Network support is required for this function.
-------------	---

6 Settings

6.3 Sound

In idle mode, press  to enter **Settings** ☐ **Sound**, then press ▲/▼ to select the desired contents:

Volume	Press ▲/▼ to select "Volume", then press  to enter, press ▲/▼ to select the volume mode, use ▲/▼/◀/▶ to adjust the volume.
Alert Type	Enter "Alert Type", press ▲/▼ to select Ringer , Vibration , Vibe + Ringer or Off , press  to save.
Ringer Type	Select the ringer type.
Key Beep	Enter "Key Beep", press ▲/▼ to select Tones or Off , press  to save.
Key Tone Length	Enter "Key Tone Length", press ▲/▼ to select Normal or Long , press  to save.
SMSRinger Type	Select the alert when a new message comes.
ClockRinger Type	Select the alert of ring.

6.4 Display

In idle mode, press  to enter **Settings** ☐ **Display**, then use ▲/▼ to select the desired contents to enter:

Backlighting

Select **Off** / **10s** / **30s** / **10s and in call** / **30s and in call** .

Banner

View and edit the banners.

Language

Select the language.

Contrast

Press **▲/▼** or **◀/▶** to adjust the contrast of the screen.

Menu Format

Select large icons or small icons of the main menu.

Time Format

Select **AM** / **PM** , or **24HR** .

Screensaver

Select the type and timeout of the screensaver.

6 Settings

6.5 Alert

In idle mode, press  to enter **Settings** ☐ **Alert** :

Missed Call

Select if the alert is needed when there is a missed call.

Roaming

Select if the alert is needed when the phone is roaming.

Minute Alert

Alert is on before each minute during call or alert is turn off.

6.6 Call Timers

In idle mode, press  to enter **Settings** ☐ **Call Timers** :

Outgoing Calls

The total duration of all outgoing calls. It can be reset to zero.

Incoming Calls

The total duration of all incoming calls. It can be reset to zero.

All Calls

The total duration of all calls. It can be reset to zero.

6.7 Security

The PIN code is needed to enter the security. Generally, the default PIN code is: "1234". Please modify it to a private PIN Code as soon as possible.

Note	If the phone doesn't need R-UIM card, the password is "0000".
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Phone Reset

When you select "Phone Reset", all the settings will be reset to their default value.

Note	Contents such as password, contacts, recent calls and alarm will not be deleted.
-------------	---

PIN Lock

When **On** is set, it is necessary to input PIN code when you turn on the phone, the phone will be unlocked after inputting the correct PIN code. Otherwise only emergency calls are permitted.

PIN Change

1. Input new PIN code.

6 Settings

2. Press **OK** to input the new PIN code again.
3. Press **OK** to confirm.

Note

If the phone doesn't need R-UIM card, there would be no "PIN LOCK".

6.8 Accessories

Handset Ringing

When **On** is selected, the ring is sent out from earphone.

Handset Autoanswer

You can select **2 seconds** / **5 seconds** / **10 seconds** or **Off**.

Any Key Answer

All incoming calls can be answered if any key but End key is pressed.

Enter "Extra" : in idle mode, press  to enter **Menu** ☐ **Extra**.



7.1 Games

"BlackJack", "Video Poker" and "Teris" are provided.

7.1.1 BlackJack

Enter "BlackJack", and the game instruction appears on the screen. Press **OK** to enter **New** or select **Continue** to continue the last game.

- **Deal**: Start the new game, the banker is on the upper screen and the player is on the lower screen.
- **Bet**: Select the sum of ante.

7.1.2 Video Poker

Enter "Video Poker", and the game instruction appears on the screen. Press **OK** to enter **New** or select **Continue** to continue the last game.

7

Extra

- **Deal:** Start the new game.
- **Bet:** Select the sum of ante.
- **Payout:** Display the cash sum of different kinds of cards.

7.1.3 Teris

Enter "Teris" to start a new game.

- Press ◀/▶ to move the falling squares to the left / right.
- Press ▲ to rotate the squares clockwise.
- Press ▼ to drop the squares rapidly.
- Press  key to exit.

7.2 Stopwatch

This function is used for timing.

1. Enter "Extra", select **Stopwatch** to enter.
2. Select **Start** to begin to keep time.
3. Select **Pause** to stop keeping time.

4. Select **Cont.** to continue. After entering **Option** ☐ **Clear**, the timer will be set to 0.

7.3 Alarm

7.3.1 Alarm Setting

1. Enter "Extra", and then select **Alarm** to enter.
2. Press ◀/▶ to select **Set**, press alphanumeric keys or ▲/▼ to input the time, press ◀/▶ to switch between hour and minute, then press  to confirm.
3. Press ◀/▶ to select the alarm mode **Once / Daily / Weekdays**, press  to confirm.

7.3.2 Turn off the Alarm

1. Enter "Extra", and then select **Alarm** to enter.
2. Select **Disable** to turn off the alarm.

Note	1. Set the alarm ringing in the specified time. The alarm can work only when the phone is turned on. 2. Select [OFF] to turn off the alarm when it is ringing; select [Snooze] to delay the alarm by 10 minutes, and then ring again.
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7.4 Scheduler

7.4.1 Add New Scheduler

1. Enter "Extra", and then select **Scheduler** ☐ **Add Event**.
2. Input the name of new scheduler, press  to confirm.
3. Select **Next**, then press $\blacktriangle/\blacktriangledown$ to set the beginning time of scheduler, press $\blacktriangleleft/\blacktriangleright$ to switch between hour and minute.
4. Press $\blacktriangleleft/\blacktriangleright$ to select **Duration**, then press $\blacktriangle/\blacktriangledown$ to set the period of events.
5. Press $\blacktriangleleft/\blacktriangleright$ to select **Alarm**, then press $\blacktriangle/\blacktriangledown$ to set time quantum of alarm or turn off the alarm.
6. Press  to confirm the settings, input the contents of events and then select **Next**.

7.4.2 View the Scheduler

View the scheduler per day or per month.

View Day

View the scheduler per day.

1. Enter "Extra", and select **Scheduler** ☐ **View Day**.
2. Press ◀/▶ to select the desired date, press ▲/▼ to select scheduler, then press  to view the details.

View Month

View one day in different months.

1. Enter "Extra", and select **Scheduler** ☐ **View Month**.
2. Press ◀/▶ or ▲/▼ to select the desired date, and then press  to enter.
3. Press ▲/▼ to select the date you want to view and enter it.

7.4.3 Modify the Scheduler

1. Enter the desired scheduler to view (see section "View the Scheduler").
2. Press ◀/▶ to select **Edit** to enter.
3. Modify the correlative contents in the scheduler, press  to save it.

7.4.4 Delete the Scheduler

1. Enter the desired scheduler to view (see section "View the Scheduler").
2. Press ◀/▶ to select **Erase** to enter.
3. Select **Yes** to delete the scheduler.

7.4.5 Set Options

Set the default options of the scheduler. Enter "Extra", and then select **Scheduler** ☐
Options :

Set Work Hours

Set working time, namely, the beginning and ending time of work in scheduler every day.

Auto Delete

Delete the record time for event after the event happened.

Default Alarm

Set the default of alarm when you add the scheduler.

7.5 Calculator

The calculator enables you to have basic mathematical computation.

1. Enter "Extra", and select **Calculator** to enter.
2. Press number keys to input the desired numbers, press ◀/▶ to input the operator symbols.

Operator Symbols Notes

÷	Division Sign
—	Subtraction Sigh
=	Equal Sign, result
+	Plus Sign
X	Multiply Sign

7

Extra

▪	Radix Point
C	Clear the numbers inputted and display zero.
±	Change the positive and negative value of the numbers.

Note	The definition of calculator is limited and rounding errors may occur.
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8.1 Shortcut

8.1.1 Speed Dial

Speed dial refers to quickly dial out the number in "Contacts" in idle mode (Refer to section "Speed Dial" in chapter "Contacts").

Operation Method

Press and hold the corresponding alphanumeric key to dial it directly.

8.1.2 Quick View the Contacts

Press ► to view all contacts quickly.

8.1.3 Quick Entry into Extra

Press ◀ to enter "Extra" quickly.

8.1.4 Quick Entry into Messages

Press ▼ to enter "Messages" quickly.

8.1.5 Quick Set Mute Mode

Press and hold ▲ to enter or exit from the mute mode.

8.1.6 Quick Set Alert Type

Press and hold  to set alert type quickly in idle mode.

8.1.7 Quick View All Recent Calls

Press and hold  to view all recent calls quickly.

8 Appendix

8.1.8 Quick Lock the Keys

Press and hold  to lock the keys quickly.

Note	Input "123" to unlock.
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8.1.9 Quick Return to Idle Mode

Press  (rather than hold) to return to the idle mode quickly.

8.1.10 Delete the Current Input

In the input state, press  to delete the current inputs one by one. Press and hold  to delete all the current inputs.

8.1.11 Quick Switch Input Methods

When inputting the texts, press  to switch the input methods. When only the numbers are allowed to input, press  to input "#".

8.1.12 Quick Input Symbols

When inputting the texts, press  to enter the list of symbols.

8.2 Input Characters

In the phone you can input English, numbers and symbols through the alphanumeric keys. Your phone provides these input methods: letter input method, number input method, English input method, and symbol input method. Letter input method can be divided into Uppercase English Input method and Lowercase English Input method.

Description for Input methods

Input Method	Operation Methods
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8 Appendix

Input uppercase / lowercase letters	1. Select letter input method. 2. Press the corresponding alphanumeric keys. Each key corresponds to multiple letters. Pressing the key once will input the first letter, pressing the key twice will input the second letter, and so on.
Input numbers	1. Select number input method. 2. Press number keys to input numbers.
Input English	1. Select English input method. 2. Press the corresponding alphanumeric keys until the desired word appeared on the screen. 3. If the word on the screen is not the one you want, you may press ▲/▼ to view other suited words. 4. Select the desired word and then press .
Input symbols	Press  to enter the list of symbols directly and then press ▲/▼ to switch the screen, press the corresponding alphanumeric keys to input the symbols. • Under abc/ABC input method, press "1" to input some common symbols.
Delete character	Press  .
Delete all characters	Press and hold  .
Move the cursor to left or right.	Press ◀/▶.

Appendix 8

8.3 Failure Analysis

Symptoms	Possible Causes	Solutions
Power-on Failure	Inadequate battery power	Charge the battery
	Poor battery contact	Re-install the battery
Automatic power-off	Seriously poor battery power	Recharge the battery
Inadequate standby time	Decreasing of battery performance	Replace the battery
	Poor network signal	Move to other places
Network connection failure	Poor network signal	Move to other places
	Out of the service area	Confirm whether it is in the CDMA network service area
Call drop during a call	Poor network signal	Move to other places
No ring for a incoming call	The phone is set to Silence, or the volume for incoming call ringtone is set to 0.	Enter [Settings] and set the mode as non-mute; or check ringtone volume.
Prompt to input PUK	R-UIM card is locked due to successive inputting false PIN code for three times.	Contact with operators.

8 Appendix

If the problems cannot be solved after the above handling, you may contact your seller or network operator, or feed back your information directly by sending emails to **zte_mobile@zte.com.cn** for customer service. We will reply to you as soon as possible.

8.4 RF exposure Information

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types X160 (FCC ID: Q78-X160) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 1.514 W/kg and when properly worn on the body is 0.311 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.