

ZTE CORPORATION

ZTE A16

GSM Dual-band GPRS Digital Mobile Phone

User Manual

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1 General Information

1.1 Welcome

Thank you for using ZTE A16 GSM/GPRS dual-band digital mobile phone.

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

The pictures, symbols and contents in this manual are just for your reference. They might not be completely identical with your cellular phone.

1.2 Security

- If your mobile phone is lost or stolen, please report to your service provider or proxy agencies to ban the use of your lost SIM card, which will protect you from economic losses resulted from unauthorized use.
- To protect your mobile phone from illegal use, please take the security measures as follows:
 - Set PIN codes of the SIM card.

- Set handset lock code.
- Take it with you as you can.
- Set call restrictions.

1.3 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. Ensure the phone is at least 1 inch (2.5 centimeters) from your body when transmitting.
- Do not touch the antenna area (the upper area at the back of the handset) when the phone is in use. Touching the antenna area affects call quality and may cause the phone to operate at a high 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 with your doctor before playing video games on your phone or enabling a flashing-lights 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 8 inches (20 centimeters) from the pacemaker when the phone is switched on. 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 want to 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 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, hurt your phone or even cause danger to your body and violate related national 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.
- Prevent liquid from leaking into your phone.
- 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 and battery.
- Do not store the phone with flammable and explosive articles.
- Do not charge the mobile phone without battery.

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. Sparks 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 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 transmitting. 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 2-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 never allowed to use mobile phone when it is in flight. Using mobile phone before the plane taking off should get aircrew's permission according to safety regulations.
- If the mobile phone has the function of automatic timing power-on, please check your alarm setting to ensure that your phone will not be automatically turned on during flight.

Battery use

- Do not short-circuit the battery, as this can cause overheating to bring about fire.
- 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 standby time) is noticeably shorter than normal, it is time to replace a new one.
- Please stop using the charger and battery when they are damaged or show evidence of aging.
- Return the wear-out battery to the provider or dispose of it in accordance with environment regulations. Do not dispose of it in household rubbish.

Warning: If the battery is damaged, keep away from the discharge. If the leakage does come into contact the eyes or skin, please wash thoroughly in clean water and consult with a doctor.

2 Getting Started

2.1 key Definition



Left Soft key

Execute functions of the indicator as showed in the lower left corner of the screen.



Right Soft key

Execute functions of the indicator as showed in the lower right corner of the screen.



Dial key

Make and answer calls. Bring out call logs in standby mode.



End key

Finish or refuse a call. Power on/off. Show the calendar. Return to standby mode or the previous submenu.



Left/Right/Up/Down key

Up/Down key: Roll the phone number list or setting options. Roll the cursor up and down when editing. They could be set as shortcut keys in standby mode and direction keys in games.

Left/Right key: Roll the cursor left and right when editing. They could be set as shortcut keys in standby mode and direction keys in games.

OK key: Confirm actions/make selections. Press Ok key to enter the browser homepage directly under standby interface.



0~9 Number key

Enter numbers and characters. One-touch dials. Select options when entering menu. They could be set as direction keys in games.



They have different functions in different modes or function menus.

Note: In this manual **pressing a key** means you press a key and then release it while **holding a key** means you press a key and hold on for 2 seconds or more.

2.2 Display Symbols

 : Signal strength

 : GPRS Attach

 : Activate call diverts function

 : keypad locked

 : Indicate you are roaming

 : New message and message memory is full when flashing

 : Enable vibrating function

 : Enable mute mode

 : Indicate the Alarm clock has been set

 : Indicate battery level

 : Indicate the handset is charging

Technical Parameters

Handset

Type	ZTE A16
------	---------

Dimensions (W×L×H) **44mm×105mm×19mm**

Weight 77g (with standard battery)

Battery

Continuous standby time Approx. 60 hours ~ 120 hours (subject to network status)

Continuous talk time Approx. 2 hours ~ 4 hours (subject to network status)

For other parameters about battery and charger, please refer to the real objects.

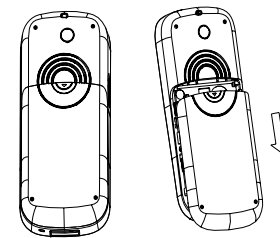
2.3 Battery

The accessory lithium battery of the handset can be immediately used after unpacking. A new battery performs best after full charge/discharge cycles for the first three times.

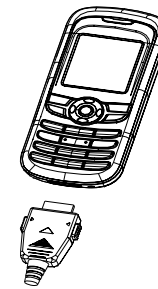
2.3.1 Removing & Installing the Battery

- Remove: Ensure that your handset is switched off. Then slide down the cover board of the battery and lift the battery away from the handset.

- Install: Place the battery into position, push down on the upper section of the battery until it clicks into place and then install battery cover.



2.3.2 Charging the Battery



- Plug the charger connector into the charge port at the bottom of the phone. (Note: Put upward the side with arrow.) Then plug the other end of the charger in the appropriate electrical outlet.
- Now, a charge indicator like a plug displays in the upper right corner of the screen. If the battery is charged in power-off condition, the screen will display charge animated indicator that indicates the phone is charging. If the phone is over-used

in shortage of battery or not used for a long time, the screen may not display the charge indicator immediately.

- When the battery level indicator changes from charging symbol to full level indicator, it means charge has been finished. If the battery is charged in power-off condition, the stop of charge animation indicates the charge has been finished. Generally the whole charge process needs 2~3 hours (Please charge the battery for 6~8 hours for the first three times). During the charge process, your phone, battery and charger may become hot, and this is a normal phenomenon.
- Please disconnect the charger with the phone and the power outlet when charging finished.

Warning:

- Please put the phone at the ventilated place with temperature between +5℃~+40℃. Please use charger provided by the provider. Using unauthorized charger may cause danger and violate the authorization and warranty rules of the phone.
- Please charge the battery in time when your phone automatically powers off or displays a warning “battery is low”.

- The phone's talking time and standby time are based on ideal working environments. In practice, the battery work time varies with different network conditions, work environments and modes.

2.4 Connecting to the Network

2.4.1 SIM Card

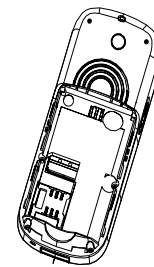
Please insert a valid SIM card (user identification card) into the phone before using it.

Everything about setting connection to the network and your call logs is initialized and saved in the SIM card, together with information in your phonebook stored in the SIM card. This SIM card can be used by any GSM mobile phone (A new phone can read the SIM card automatically).

Don't touch the metal surface of the SIM card in case that information in the card may be lost or destroyed. Keep the card away from electricity and magnetism.

Warning: Please power off your phone before changing the SIM card. Inserting or removing the SIM card is forbidden when it is connected to the outer power source.

2.4.2 Inserting & Removing SIM Card



- Power off your phone, disconnect the outer power source and remove the battery.
- Plug SIM card into the SIM slot.
- Please power off your phone before you remove your SIM card.

2.4.3 Power on/off Your Phone

Hold **End key** to power on/off the phone.

The mobile phone will automatically test whether the SIM card is plugged in and

valid after power on, then the screen will display the following messages in turn:

Enter PIN ——if SIM card password has been set.

Enter lock ——if handset lock code has been set.

Searching for network ——search for the right network.

2.4.4 Unlocking the SIM Card and Mobile Phone

By setting PIN (personal identification number) code of SIM card and handset lock code, you can protect your SIM card and phone from illegal use.

- Method to unlock the SIM card: Enter PIN code and end with pressing **OK key** or **Left soft key**.

If you enter an incorrect PIN code three times in a row, your SIM card will be locked by the network and the phone will ask for PUK code.

Note: Your network service provider will set a standard PIN code (4-8 digits) for your SIM card; please change it with your private password as soon as possible.

- Method to unlock the phone: Enter handset lock code and end with pressing **OK key**.

Note: If you forget your handset lock code, please connect with your distributor or the authorized local customer service center.

- Please look for the detailed operations in Section “Security Settings”.

2.4.5 Connecting to the Network

After the SIM card and the phone are unlocked, the mobile phone will automatically search for the network. (The screen displays **Searching**.)



After a few seconds, you will be registered on the network. Now your phone is in standby mode. Besides receiving and sending calls, you can do the following

things:

- Press **Right Soft key** to enter the Names.
- Press **Left Soft key** or **OK key** to enter the function menu, please refer to Chapter 4 "Function Menu".

Note: If "**EMERGENCY CALLS ONLY**" is shown on your screen, you can only send emergency calls.

Press # key and then press * key within 2 seconds can lock or unlock the keypad.

Lock the keypad can prevent you from pressing the keys unconsciously, however you can receive the phonecall normally.

3 Basic Operations

3.1 Making a Call

You can make or answer calls in standby mode. The information bar in the upper left corner of the screen shows the network signal strength.



- **Making DDD:** Enter telephone number by **Number keys** (add area code when making a long distance call), press **Dial key** to send a call. Hang up the phone by **End key** if the call is over.

- **Dialing extension number:**

Method 1: Dial the telephone exchange and then the extension number.

Method 2: Enter the telephone exchange number, hold **# key** to enter pause character "P", enter the extension number, and then press **Dial key**. Then your phone will dial the extension automatically after getting through the exchange. Like this:

Area code Exchange number P Extension number Dial key

- **Making IDD:** Hold * **key** until your screen displays the character “+” which is the preset symbol of an international call, then enter the country code and complete phone number and then press **Dial key**.
- **Dialing the number in the List:** Generally, all calls you have made or received are saved in a list of the phone. All numbers are grouped as Dialed Calls, Received Calls and Missed Calls. Your mobile phone lists all the numbers so that you can view all the call logs. When the list is full, old numbers will be deleted automatically. You can check the list by the following operations:
 - All the numbers in the list can be directly dialed by **Dial key**.
 - When there is a list of phone numbers, Press Up/Down key to select the number and then press **Options** to enter submenu interface.
 - **UP/DOWN/LEFT/RIGHT key** can be set according to what you needs by pressing **Menu-Settings-Phone settings-Fastkey settings**.

3.2 Answering a Call

Press **Dial key** to answer the incoming call. If **Cover Answer** is set **On**, open the cover to directly answer a call; if it is **Off**, you need to open the cover and press **Dial key** to answer a call. If **Anykey Answer** is set **On**, you can press any key (except **End key/Side key/Right Soft key**) to answer a call in call-in mode; if a headset is plugged in, you can also use the buttons on the headset to answer a call. If it is inconvenient for you to press keypad, you can set **Auto Response**. If **Auto Response** is set **On** and the headset is in use, then several seconds after the ringing tone or vibrating alert, your mobile phone will be automatically connected.

Note: The headset is the optional accessory.

3.3 Call Menu

When in in-call mode, you can enter the call menu by pressing **Menu**. The operation methods are the same as those in function menu. Call menu can be seen only in the process of communication and those functions such as Call

waiting, Call keeping, Multiparty need network to support. If you need those services, please contact your network service provider.

If you couldn't answer the call, press **BUSY** to send busy tone to the caller.

You can do the following operations in the call menu:

- **Mute:** Don't send local voice.
- **Speaker Volume:** Adjust earpiece volume.
- **DTMF On/Off:** Enable or disable sending DTMF tone.
- **Hold/ Retrieve:** Keep the current call/Resume the kept call.
- **Multiparty**
 - **Join All:** Add the current call to Multiparty.
 - **Hold All Calls:** Hang on all calls.
 - **Private:** Converse with one side privately and keep the session with the other one.
 - **Exclude:** Keep one call from Multiparty.
 - **End All Calls:** End up the current call and the hang-on calls.

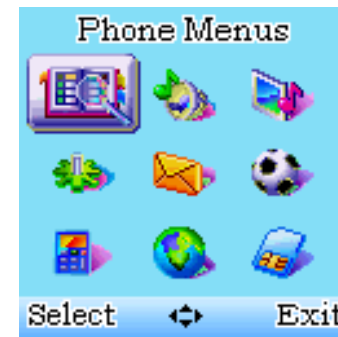
Note: Some menu items can only appear in special cases.

4 Function Menu

4.1 Usage and Structure of Function Menu

- Scrolling search function: Enter the Function main menu by pressing **Menu** in standby mode. Pressing **Up/Down key** to select in menu interface.
- In function menu, you can select or quit some menu by pressing **Left Soft key** or **Right Soft key** according to the prompt displayed on the screen.

4.2 Phone Menus



In standby mode, press **Menu**, select **Phone Menus** and then press **OK key** to access the PhoneMenu interface.

4.2.1 Calls

- View calls list

Select **All Calls** to view all calls list.

Select **Missed Calls** to view the calls that you received, but did not answer.

Select **Received Calls** to view the calls that you received.

Select **Dialled Calls** to view calls that you dialed.

In the calls list interface, press **OK key** to view the details of the call. Press **Options** to access the detailed submenus:

- **Send Message:** Send short messages to the number. The operation is the same as creating messages.
- **IP Dial:** Press **IP Dial** to add IP number before the dialing number if IP number has been set before.
- **Detail:** View the detail information of the selected call record.
- **Save:** Save the number to SIM card or phone.
- **Add to Blacklist:** Add the selected phone number to the Blacklist.

- **Calls Duration:** View the approximate duration of the last call and the total call. And select **Reset** to clear all records

- **Call Costs:** View the cost of the last call and all your calls. And select **Reset** to clear all cost records, select **Cost Units** to read or set cost unit; select **Max Cost** to

read or set the limitation of call charge.

Note: This function needs the network to support. Some operations need you to enter PIN2 code. Please contact your service provider to get the code.

4.2.2 Diverts

This service enables you to divert some incoming calls to other preset numbers.

Please contact your service provider for details.

- Set Diverts: Set diverts in different conditions.
 - **Diverts Always:** Divert all calls.
 - **When Busy:** Divert calls when you are already on another call.
 - **No Reply:** Divert calls when you do not answer the phone.
 - **Unreachable:** Divert calls when you are not in an area covered by your service network.

When you have set conditions and types of divert services, the following can be chosen:

- **On:** Only registered services are functional.

- **Off:** Delete the divert service.
- **Status Check:** Query if the service is active.

After choosing one of the above 4 options, select **By Service** and then select one of the following options, you can set to divert which service to the preset number:

- **All Services:** Divert incoming calls, voice calls and short messages.
- **Voice Calls:** Only divert voice calls.
- **Data:** Only divert data.
- **Fax:** Only divert faxes.
- **Messages:** Only divert short messages.
- **All Except Msgs:** Diverts all services except messages.

- **Cancel All**

Enter the divert interface, use **Scroll key** to select **Cancel All** to cancel all diverts services.

4.2.3 Firewall

4.2.3.1 Incoming Calls Bar

- **Friend List:** Press **SELECT** to access.
 - If you have not added anything, the screen displays "List empty". Press **Options-Add** to add, and then press **Options-OK** to save.
 - If you have added something, you can directly enter the friend list. Press **Options** to select such options: **Add**, **Edit** or **Delete**.
 - **Black List:** Press **SELECT** to access.
 - If you have not added anything, the screen displays "List empty". Press **Options-Add** to add, and then press **Options-OK** to save.
 - If you have added something, you can directly enter the black list. Press **Options** to select such options: **Add**, **Edit** or **Delete**.
 - **Current Settings:** Press **SELECT** to access and the following options are displayed: **Bar All**, **Bar Blacklist**, **Friend Only** and **Cancel All**.
- Note:** If a fixed telephone number needs to be set to the black list, it must be a

complete number with area code. Otherwise, it will not be barred.

4.2.3.2 Outgoing Calls Bar

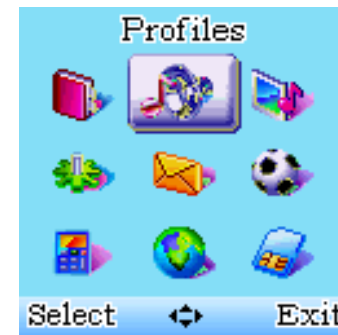
Before entering the function, you need to enter phone password first. Please refer to Section “Security Settings” for the password. The default phone password is 1234.

- **Current Settings:**

- **Bar All:** Bar all outgoing calls except emergency calls.
- **Bar List:** Bar all numbers in the barred list and all the numbers beginning with any number in the barred list.
- **Cancel All:** Cancel the restriction on outgoing calls.

- **Barred List:** Directly enter the list, press **Options** to select **Add/Edit/Delete/Clear All**. If you have not added anything, the screen displays “List empty”. Press **Options** to select **Add**, and then press **Options-OK** to save.

4.3 Profiles

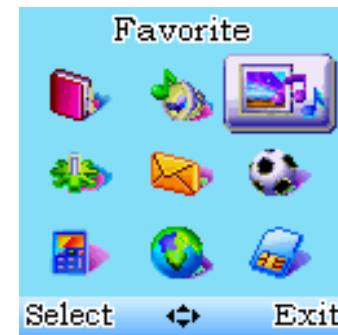


In standby mode, press **Menu**, select **Profiles** and then press **OK key** to access the profile interface.

- Select the profile you need. The profile options are: Normal, Meeting, Outdoor and Silent. These profiles have been set before leaving factory. You can change the setting by select **Personalise** submenu.
- **Alert Type:** Select the notification mode for incoming calls.

- **Ringing Tone:** Many polyphonic ring tones for selection.
- **Ringing Volume:** Adjust the volume of the ring tone.
- **Speaker Volume:** Adjust the volume of the earpiece and earplug.
- **key Tone:** Select to turn on/off the keypad tone.
- **Warn Tone:** Select to turn on/off warning tone.
- **Missed Alert:** Select to turn on/off the missed alert when there is any missed messages or calls.
- **Message Alert:** Select the alert tone type when a new message is coming or select to turn off the alert tone.
- **Power on/off Ring:** Select to turn on/off the power on/off ring tone.

4.4 Favorite



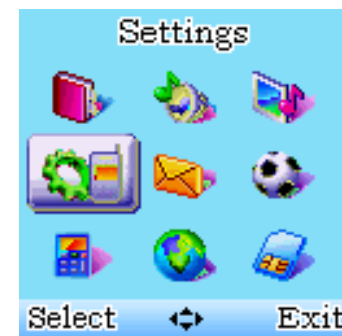
In standby mode, press **Menu**, select **Favorite** and then press **OK key** to access the profile interface.

- **My Pictures:** Press left soft key to enter the picture list. The pictures can be captured by handset, downloaded from a browser or received from attachment of a message.
- **My Sounds:** press left soft key to enter the audio list. The audio files can be

downloaded from a browser or received from attachment of a message.

- **My Favorites:** press left soft key to enter the files which were downloaded from a browser or received from attachment of a multimedia message.
- **Space Usage:** check the total space size and the free space size.

4.5 Settings



In standby mode, press **Menu**, select **Settings** and then press **OK key** to access the setting interface.

4.5.1 Phone Settings

Select and enter the **Phone Settings** submenu.

- **Language:** Press **SELECT** to change the current language to English or Chinese.
- **Own Number:** Edit/view your own phone number.
- **Fastkey Setting:** Set the shortcut menu item corresponding to **Up/Down key**.
- **Auto Lock keypad:** Select whether to lock the keypad automatically. You can unlock the keypad according to the screen prompt.

4.5.2 Display Settings

- **Wallpaper:** Select your favorite wallpaper.
- **Contrast:** Adjust the screen's contrast.
- **Brightness:** Adjust the screen's brightness.

4.5.3 Clock Settings

- **Date & Time:** Use **Scroll key** to switch between year, month, day and time. Date

can be set from January 1, 2005 to December 31, 2055. Time can be set from 00:00 to 23:59. After correctly inputting the date and time, press **OK** to confirm and exit.

- **Date Format:** Select the display format of the date.

4.5.4 Call Settings

- **Anykey Answer:** If “On” is selected, you can answer the call by pressing any key except **End key**, **Side key** and **Right Soft key**.
- **Auto Response:** Select to switch on/off the auto answer function, which is valid only when the headset is plugged in.
- **Minute Minder:** Choose to remind you 5 seconds or 15 seconds ahead of every minute when answering the incoming call, or choose **Off**.
- **Connected Minder:** Select to turn on/off alert ring when the dialed call is connected.
- **DTMF Tones:** Select to turn on/off DTMF tones.

- **Call Waiting:** Select to turn on/off this function, select **Status** to query the current state. The network will note you a new incoming call during your calling after you select “On”. Please contact the network provider for detailed information.
- **IP Setting:** You can set an IP number. In this case, you can use the IP function in the Names or the calls list, and the IP number will be automatically added before the phone number that you are dialing.

4.5.5 Network Settings

In this menu, you can select **Automatic/Manual** to select the network service provider according to needs.

4.5.6 Security Settings

Security features protect you from illegal use of your phone and SIM card.

Note: You need to input handset lock code to enter security settings interface. The default handset lock code is 1234. Please change it with your own private password as soon as possible.

- **SIM Password:** SIM password (PIN code) can prevent your SIM card from illegal

use. Select **On/Off** to enable or disable SIM password protection; select **Change PIN** to set a new PIN code.

Note: Three consecutive times of wrong PIN code inputting will lock the SIM card. Then, the PUK code is needed to unlock the SIM card. The PIN code and the PUK code may be provided to you together with the SIM card. If not, please contact with your network service provider. Please change it with your own private password as soon as possible.

- **Handset Lock:** Handset Lock can prevent your mobile phone from unauthorized use. Select **On/Off** to enable or disable the handset lock protection; select **Change Code** to set a new handset lock code.

Note: The default handset lock code is 1234.

- **Network Call Bar:** You can set any combination of the following call restriction options to improve security level. Please contact with the network service provider for detailed use. The network service provider provides a 4-digit network password to enable your call restrictions.

➤ **International Call:** Bar all international calls.

- **All Except Home:** Bar international calls except local call.
- **Incoming Calls:** Bar all incoming calls.
- **Incoming if Abroad:** Bar all incoming calls when roaming abroad.
- **Outgoing Calls:** Bar all outgoing calls.

After choosing one of the above options, select **SELECT** to restrict any of the following services:

- **All Services:** Restrict incoming calls, voice calls and short messages.
- **Voice Calls:** Only restrict voice calls.
- **Data:** Only restrict data.
- **Fax:** Only restrict faxes.
- **Messages:** Only restrict short messages.
- **All Except Msgs:** Restrict other services except short messages.

When you have set types of restriction services, the following can be chosen:

- **On:** The restriction is functional.
- **Off:** Delete the restriction.
- **Status:** Query if the restriction is set.

- **Cancel All:** Select **Cancel All** to cancel all set call restrictions.

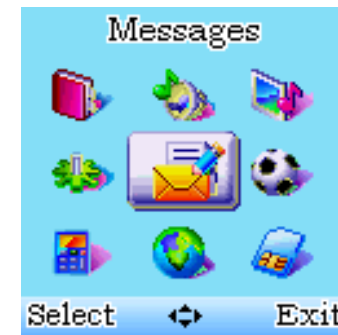
Note: You need to input network password to set or cancel network restrictions.

Three consecutive times of wrong network password inputting will lock the call restrictions service. Please contact network service provider to unlock it.

4.5.7 Fact. Settings

In this menu, you can select to restore the related settings of the phone to factory settings.

4.6 Messages



If the network supports and you have subscribed this service, you can send and receive text short messages freely. And you also can subscribe a voice mailbox to receive voicemail. Please contact your service provider for details.

In standby mode, press **Menu**, select **Messages** and then press **OK key** to access the message menu interface.

When a new message coming, your phone will ring and/or vibrate to inform you.

(The prompt modes depend on your settings.) The number of messages your phone can save is up to the SIM card capacity.

■ **Creating Messages**

Please confirm message service center number has been set before writing messages.

- In message interface, select **New Message** and press **OK key** to access message input interface to enter the message. (Please refer to Chapter “Text Input”.)
- When you finish entering the message, press **OK**, and then use **Up/Down key** to select **Send to One**, **Send to Many** or **Save**.
- Select **Save** to save messages to the SIM card. When saving, you can directly input the destination number according to prompts on the screen, or enter **Names** and then select number in the Names. Select **Send to One**, you can directly enter the recipient party's number, or press **Names** to select number. Select **Send to Many**, you can bring out the Groups and select the recipient from the selected Group. There will be prompt information on the screen after the message is sent

successfully.

Note: The SMS centers of some cities and regions do not support messages longer than 70 Chinese characters or 160 English characters.

■ **Viewing Received messages and Saved messages**

- Select **Inbox** to check received short messages; select **Outbox** to check short messages saved in SIM card, and use **Up/Down key** to select in the message list.
- In the message list, press **Read** to view the message details; press **Options** to do the following operations:
 - **Text Reply:** Send the message to the opposite party. (The menu appears only when reading messages in the Inbox.)
 - **Delete:** Delete the message.
 - **Forward:** Transfer messages to others.
 - **Voice Reply:** Make a phone call to the opposite party. (The menu appears only when reading messages in the Inbox.)
 - **Extract No.:** Extract numbers from the message text and list them on the screen. If you select one, the number will be displayed on the dialing interface for

editing or dialing.

- **Delete all:** Delete all the received or saved messages.

■ **Message Settings**

You must set up necessary SMS information before using message functions.

Access **Msg Settings** submenu:

- **Templates:** When editing messages, set idioms can be brought out by pressing **Left soft key [Edit]**. In this menu, you can edit or change phrases.
- Select **Msg Centre**, input the short message service center number (You must obtain this number from your service provider.), and then press **SAVE** to store the number.
- **Msg Validity:** In the period of validity, the message center will repeat to deliver a message till it is received. Press **Up/Down key** to select a valid time and then press **SELECT** to confirm. Note: This function needs the network to support.
- **Status Report:** If the **Status Report** is set **On**, a message report will be sent to inform you after the sent message has reached the destination. Note: This function needs the network to support.

- **Used Space:** Check the total amount of messages that has been stored and can be stored in the SIM card.

- **Voice Mail**

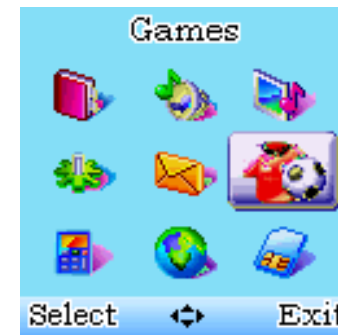
Select and Access **Voice Mail** submenu:

- Select **Get Voice Mail** to check the voicemail box and listen to the voice message.
- **Voicemail Num.:** Set the voicemail number.

- **Cell Information**

- Select **Language** or **Set Info. Subject**. Press **Set Info. Subject**, select **Current List** to set or select **create subject** to define a new subject.
- When cell information coming, you can view them detailedly by **Read Info** option in the menu.

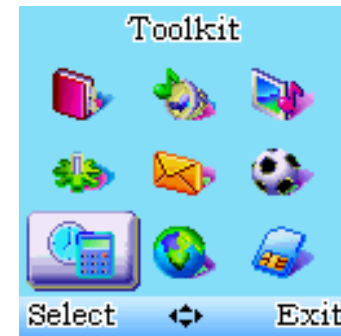
4.7 Games



- **Tetris:** The options are as follows:
 - **New Game:** Start a new game.
 - **Set Lines:** Select the original lines of the game.
 - **Help:** Check the rules and instructions for the game.
- **Push Box:** The options are as follows:
 - **New Game:** Start a new game.

- **Load Game:** Read the saved game records.
- **Help:** Check the rules and instructions for the game.

4.8 Toolkit



In standby mode, press **Menu**, select **Toolkit** and then press **OK key** to access the toolbox interface.

4.8.1 Alarm Clock

Your phone can set up to 5 alarm clocks at the same time.

- **Set alarm:** Select **Set Alarm** submenu, you can set the following options according to instructions: Normal Alarm (the alarm will be validate for once), Daily Alarm(the alarm will work everyday), Weekly alarm (the alarm will work at the same time every week), Workday time(the alarm will work only on workday); date, time; normal (note: the alarm will only work when handset is switched on), power on(the handset will be switched on automatically on the set time); power-off (the handset will be switched off automatically on the set time); and ring tone.
- **View alarms list:** Select **List Alarms** submenu, you can use **Up/Down key** to view alarm clocks settings. Press **SELECT** to enter setting screen, select **View/Edit** to view/edit the alarm clock settings, or select **Delete** to delete it, or select **Enable/Disable** to enable/disable it.
- **Clear All:** Select **Clear All** to clear all settings of all the alarm clocks.
- **Define Restday:** Select **Define Restday** to set or change days off in a week.

Workday alarm will not ring at defined restday. Press **Up/Down key** to select and then press **OK key** to set or cancel restday.

Note: The normal

4.8.2 Calculator

- Press **0~9 Number keys** to enter numbers, press **# key** to enter decimal point.
- Press **Up/Down/Left/Right key** to switch among +, -, ×, ÷.
- Press **Right soft key [Clear]** to clear last digit and results. Press **End key** to exit the calculator. Press **Left soft key [EQUAL]** to get results.

Note: This calculator has limited accuracy and rounding errors may occur especially in long division.

4.8.3 Stopwatch

You can measure time and take split times or lap times, for example, in different sports.

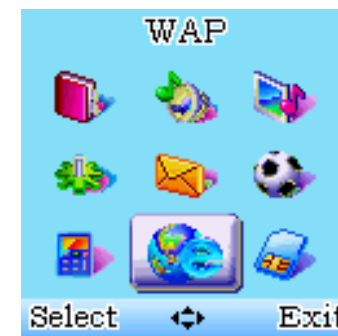
- Press **OK key** to start timing.
- Press **OK key** to stop the timing during the operation and view the duration of time.
- Press **Right soft key** to reset.

4.8.4 World Clock

The world Clock function provides time information on major cities worldwide.

- You can view the time of desired city by using **Left/Right key** on the navigation screen of World Time.
- Press **Left soft key [Save]** to save the selected city time as a native display.
- Press **End key** to quit.

4.9 WAP



- **Home:** press to enter the initially set address
- **Resume:** press to enter the homepage the most recently accessed.
- **Bookmarks:** display the list of saved homepage. Press select to enter the list, press up/down key to choose the homepage and enter it directly. You can also edit name, edit address and delete.
- **Empty Temp Files:** delete the data saved in the cache memory, cookie and password

■ **Settings:**

- **Connection settings:** select and enter a profile from the list, you can activate, edit, change name or delete the chosen profile.

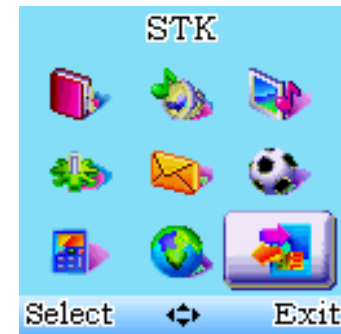
Press edit to enter the following submenu:

- **Homepage:** edit the homepage address
- **Image Settings:** select display images or update images
- **Connection Type:** select temporary or continuous
- **Connection Options:** select none or secure
- **Gateway Settings:** set User id and password
- **Gprs Settings:** set IP address, APN, User ID, Password
- **Security Cert.:** Press up/down key to select to delete
- **Cache Mode:** select always check or never check
- **Push Security:** select accept all, trust only or accept none.

- **Push Messages:** enter the list of WAP messages, select one of the list to check the information, load the message or delete the message.

- **Gprs Info.:** press to check current connection, all connections, last connection or clear call logs.
- **Fastkey operation:** in standby mode, hold ok key to enter the following interface directly.

4.10 STK (SIM Toolkit)



In standby mode, press **Menu**, select **STK** and then press **OK key** to access the STK interface.

This service needs the network service provider to provide. If neither SIM card nor the network service provider supports this service, this service will not be available.

For more information, please consult the network service provider.

4.11 Names

In standby mode, access the **Names** interface by pressing **Right Soft key**.

when there is no record in the Names, it shows **List empty**, you can add records by pressing **Left Soft key**. Saved records will be listed in the record list and ordered by the first character of the name (Excluding some rare names). View records by pressing **Up/Down key**. In the viewing interface, press **Dial key** to dial the number.

- Press **OK key** to check the record. In the viewing interface, press **Dial key** to dial the number.
- In the names list interface, press **Options** to access the menu interface.

- Press **Left/Right key** to switch between groups. In the default status, all records can be seen. Press **End key** to return to the standby mode.
Whether saved in SIM card or phone memory, one name only can correspond to one number.
Records saved in the SIM card are sorted into an independent group. If the user doesn't appoint the record to any group, the record will be sorted into the **No Group**. Besides, there are six groups for selection: Family, Friend, Colleague, Schoolmate, Society and VIP.
- In the names list interface, press **Ok key** to check the detailed information and then press Options to enter the following submenu:
 - **Send Message:** Access the interface of editing messages directly. The following operation is the same as creating messages.
 - **Edit**
 - **Delete**
 - **IP Dial**
 - **Add to Speed**

- **Copy to MS**
- **Move to MS**
- **Add to Blacklist**
- **Add to Friendlist**

4.11.1 Adding New Name

In the names list interface, press **Options** and select **Add New Name**. You can decide to save new number into **SIM card** or **Handset**, then press **Left soft key** to confirm.

If **SIM card** is selected to save new number, you need:

- Enter the name of the number you want to add.
- Enter the phone number you want to add.

If **Handset** is selected to save new number, you need:

- Press **OK key**, enter the name of the number you want to add and then press **SAVE**.
- Select the group.

- Enter the phone number.

4.11.2 Searching

- In the names list interface, press **Options**, select **Search** and then enter the name you want to search.
- Or you may enter the serial number of the phone numbers you want to search directly in standby mode. For example: Entering “**25 #**” will show the phone number saved in the 25th place. After searching the number, you can press **Dial key** to make a call.
- Quick-search: In the Names list interface, you can press **Number keys** to go to the record of the name with similar initials.
- Sort principle: Sort by ASCII Code in English mode.
- Match principle: If match, go to the character; if not, go to the next.

4.11.3 Editing

In the names list interface, press **Options** and select **Edit**. You can edit the current Name card including the name, the number.

4.11.4 Deleting

In the names list interface, press **Options** and select **Delete**, you can delete all information of the current record.

4.11.5 Making an IP Call

In the names list interface, press **Options** and select **IP Dial**, you can make an IP call to the current chosen number if you have set an IP number in advanced. Or there will be a prompt on the screen: Please set IP.

4.11.6 Detail

In the names list interface, press **Options** and select **Detail**, you can view the detailed information of this record.

4.11.7 Settings

- **Ringing Tone:** You can set different alert rings for different groups.
- **Save Nos. to:** You can select **Handset memory/Choice/SIM card** to save numbers. If you select **Choice**, then phone will ask you to choose to save the

record to phone memory or SIM card when you add a new record.

- **Used Space:** You can view the number of saved records and maximum number of records in SIM card and phone memory.
- **Speed Dial List:** You can set at most ten numbers corresponding to **0~9 Number keys**. In standby mode, if you hold one **Number key**, the phone will dial the preset number automatically. The method is as follows: In the names list interface, select **Options** after selecting one name record, and then select **Add to Speed** to set the current number to the Speed Dial List.

4.11.8 Batch Operation

This function provides you to batch copy, move or delete all the numbers saved in the SIM card or phone memory.

- **Copy/Move SIM/Memory to Memory/SIM card:** Copy or move the current record to phone memory or SIM card. When copying or moving, there will be prompt on the screen if the destination space is full.
- **Delete All in SIM:** Delete all records saved in SIM card.

- **Delete All in Handset:** Delete all records saved in phone memory.

Note: The number is once deleted and will never be retrieved. Please be careful to use this function.

5 Text Input

5.1 Overview

Your mobile phone provides the following input methods: upper and lower case input, numeric input, Eng input, and punctuation mark or special characters input.

Entries where characters can be entered are as follows:

5.2 keyboard Definition

The general keyboard is defined as follows:

- **Left Soft key:** Usually means OK.
- **Right Soft key:** Usually means exit or cancel.
- **Scroll key:** Usually used for moving cursor.

- **# key** is used to switch among different input modes.
- *** key**: In input mode, press *** key** to bring out symbol entering, hold *** key** to bring out preset idioms.
- **OK key**: Usually means OK.

5.3 Alphabet and Numeric Input

The keyboard definition of Alphabet and Numeric Input is as follows:

key	Corresponding Characters	Notes
1	1 and some common symbols	
2	ABCabc2	
3	DEFdef3	
4	GHghi4	
5	JKLjkl5	
6	MNOmno6	
7	PQRSpqrs7	
8	TUVtuv8	

9	WXYZwxyz9	
0	Space 0	
* key	Press * key to bring out symbol entering; hold * key to bring out preset idioms	
# key	Switch among input methods	
Up/Down key	Roll the cursor up/down	
Left/Right key	Roll the cursor left/right	
Left Soft key	Confirm	
Right Soft key	Exit or cancel	

Using Alphabet input by the following steps:

- Each key corresponds to multiple letters. Press the key until the letters appear. When the cursor moves, enter the next letter.
- Use **# key** to switch among input methods.
- In the upper and lower case input mode, press **0 key** once to enter space. In numeric input mode, space cannot be entered.

6 Troubleshooting

Check the following reference if you have problems with your phone. Please contact your distributor if you cannot solve the problem fluently.

1. "Enter PIN" is shown when the phone is switched on.

Input the PIN or input the new PIN if you have changed the code. The code can be set "off" if you do not want to input.

2. "Insert SIM" is shown when the phone is switched on.

Turn off your phone and make sure that you have inserted a valid SIM card.

3. "UNLOCK" is shown when the phone is switched on.

Enter the handset lock code or the new code if you have changed it.

4. No key tone when pressing keys.

Check the key tone setting in the profile.

5. No incoming ring tone.

Check the ringing tone and ringing volume settings in the profile.

6. No alarm tone when the reminder time reaches.

Check the profile setting and the alarm ring setting.

7. A phone number cannot be dialed.

Check whether call restriction is set to the number.

8. A phone call cannot be answered.

Check the "Black List" in the **Call Firewall** menu.

9. Short message cannot be sent.

Check the **Msg centre** setting in the **Message-Msg Settings** menu.

10. Some menus related to voice setting cannot be used.

Check the profile settings.