



**A12**

**GSM Dual-band Digital Mobile Phone**

**User Manual**

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Edition: 1<sup>st</sup> edition, March, 2005

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# 1 General Information

## 1.1 Welcome

Thank you for using A12 GSM 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. Please subject to the material object. ZTE operates a policy of continuous development. We reserve the right to update the technical specifications in this document at any time without prior notice.

## 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 and phone, which will protect you from economic losses resulted from unauthorized use. **Note:** This service needs the network to support. You need to provide the IMEI number labeled on the

back of the phone to the service provider. You can see the IMEI number after removing the battery. Please keep the IMEI number for further 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.



- SAR: This mobile phone meets government requirements for exposure to radio waves. Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the population. The guidelines were developed and confirmed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The highest tested SAR values for this mobile phone compliance against FCC standard limit 1.6 W/kg is 0.302 W/kg for body (based on 1.5 cm distance separation from body to the device) and 0.600 W/kg for head (while the phone touches ear).
- Do not touch the antenna area 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 so require.

#### **Precautions for Medical Devices and Medical Facilities**

- When using your phone near pacemakers, please: Always keep the phone 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, or execute select/confirm function.



#### **Right Soft Key**

Execute functions of the indicator as showed in the lower right corner of the screen, or execute exit/clear function.



#### **Send Key**

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





#### **End Key**

Finish or reject a call. Power on/off. Return to idle screen or the previous screen in the menu interface.



#### **Left/Right/Up/Down Key**

**Up/Down Key:** Scroll through the phone number list or setting options. Roll the cursor up and down when editing. Direction keys in games.

**Left/Right Key:** Roll the cursor left and right when editing.



#### **0~9 Number Key**

Enter numbers and characters. One-touch dials. Quickly select options when entering menu. Direction keys in games.




#### **\* Key, # Key**

They are used for various purposes in different functions.


**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


: Indicate signal strength.

: Displayed when the function to divert all calls unconditionally is enabled.

: Displayed when the Key Lock function is enabled.

: Displayed when roaming within your subscription country.

: Displayed when there are unread messages in the Inbox. Blink when no space for messages.

: Displayed when the vibrating function is enabled.



: Displayed when the mute function is enabled.



: Displayed when an alarm clock has been set.



: Indicate the battery level.

## 2.3 Technical Parameters

### Handset

Type	A12
Dimensions (W×L×H)	44.4mm×106mm×16.8mm
Weight	Approx. 77g (with standard battery)

### Battery

Continuous standby time	Approx. 60 hours ~ 130 hours (subject to network status)
Continuous talk time	Approx. 2 hours ~ 4 hours (subject to network status)

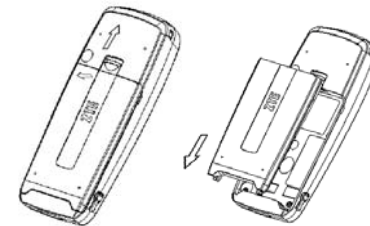
For other parameters about battery and charger, please refer to the real objects.

## 2.4 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.

### 2.4.1 Removing & Installing the Battery

- Remove: Push the spring buckle up; Lift the battery and remove it.
- Install: Insert the bottom hook of the battery into the back of the phone; Push the cell until you hear “kaka”.



#### 2.4.2 Charging the Battery



- Plug the travel charger connector into your phone with the arrow facing up. Then plug the other end of the travel charger into the appropriate electrical outlet.
- If the battery is charged in power-on condition, the charging animated indicator bar starts scrolling at the top right of the screen. If the battery is charged in power-off condition, the screen will display a charging indicator that indicates the phone is charging. If the phone is not used for a long time or the battery is completely flat, it may take a few minutes before this indicator appears. The indicator light on the

charger is red during charging.

- When the battery level indicator changes from charging symbol to full level indicator, it means charging has been finished. When charging finished, the indicator light on the charger turns green. 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  $+5^{\circ}\text{C}$ ~ $+40^{\circ}\text{C}$ . Please use charger approved by the phone manufacturer. Using unauthorized charger may cause danger and violate the authorization and warranty rules applying to the phone.
- Please charge the battery in time when your phone is automatically switched 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.

## 2.5 Connecting to the Network

### 2.5.1 SIM Card

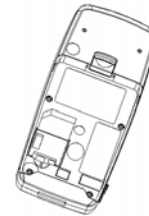
Please insert a valid SIM card (user identification card) into the phone before using it.

Everything about setting connection to the network and your call logs is initialized and saved in the SIM card, together with information in your **Names** 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.

### 2.5.2 Inserting & Removing SIM Card



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

### 2.5.3 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.



**Unlock-Enter Lock Code** ——if handset lock code has been set.

**Searching** ——search for the network.

#### 2.5.4 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 **OK**.

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.

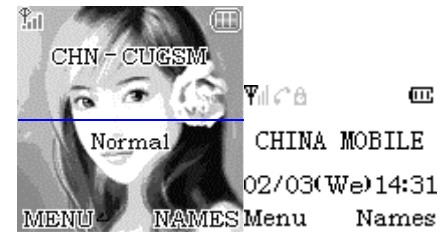
- Method to unlock the phone: Enter handset lock code and end with **OK**.

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

Please refer to Section “Security Settings” for details.

#### 2.5.5 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 for network**”). ~~When the connection is set up, the network service provider's name will be displayed at the center of the screen.~~



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** to enter the function menu, please refer to Chapter 4 “Function Menu”.

- You can customize the fastkey settings of **Up/Down/Left/Right Key** for standby mode.

**Note:** If “Emergency only” or “SOS” is shown on your screen, you can only send emergency calls.

## 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), and then press **Send 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 **Send Key**. Then your phone will dial the extension automatically after getting through the exchange. Like this:

**Area code   Exchange number   P   Extension number   Send Key**

- **Making IDD:** Hold **\* Key** until your screen displays the character "+" (replaces the

international access code), then enter the country code and complete phone number and then press **Send 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:
  - View **All Calls** by **Send Key**.
  - To view **Received Calls** or **Missed Calls** depends on the fastkey settings.
  - Directly dial all the numbers in the list by **Send Key**.
  - When there is a list of phone numbers, you can view the details by pressing **Options** to enter the numbers list submenu.

**Note:** **Up/Down Key** shortcuts can be customized in **Settings-Phone Settings-Fastkey Setting**.

### 3.2 Answering a Call

Generally, press **Send Key** to answer an incoming call. If **Anykey Answer** is set **On**, you can press any key (except **End Key /Right Soft Key**) to answer a call; 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, your mobile phone will be put through automatically after ringing or vibrating several seconds.

### 3.3 Call Menu

During a call, 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 the network to support. If you need those services, please contact your network service provider.

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

You can do the following operations in the call menu:

- **Hold/ Retrieve** Keep the current call/Resume the kept call.
- **Swap** Switch between the current call and the kept call.
- **Names** Display information in the **Names**.
- **Speaker Volume** Adjust earpiece volume.
- **Mute** Don't send local voice.
- **DTMF On/Off** Enable or disable sending DTMF tone.
- **Multiparty**
  - **Join All Calls** 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. Menu items such as **Swap** will appear only when the ongoing call and the hang-on call coexist at the same time.

## 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. Enter the call menu by pressing **Menu** in call state. 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.

Function menu includes items as follows: **Short Message**, **Phone Menus**, **Profiles**, **Settings**, **Toolkit**, **Games**. In standby mode, press **Names** to enter the **Names** interface.

Please look for details in this chapter.



## 4.2 Short Message



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 **Short Message** to access the **Short Message** menu interface.

**Short Message** submenu includes: **New Msg**, **Inbox**, **Outbox**, **Msg Settings**, **Voice Mail** and **Cell Info**.

When a new message coming, your phone will ring and/or vibrate to notify you. (The prompt modes depend on your settings.) The number of messages your phone can save is subject to the SIM card capacity.

### ■ Creating Messages

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

- In message interface, select **New Msg** and press **Select** to access message input interface to enter the message. (Please refer to Chapter 6 “Text Input”.)
- When you finish entering the message, press **Options**, 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 or the handset. When saving, you can directly input the destination number according to prompts on the screen, or press **Names** to select a number in the **Names**. Select **Send to One**, you can directly enter the receiver’s number, or press **Names** to select a number in the **Names**. Select **Send to Many**, enter the group list, select one group and then select the receivers’ numbers. 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 160 English characters.

■ **Viewing Received messages and Saved messages**

- Select **Inbox** to check received short messages; select **Outbox** to check short

messages saved in the outbox, 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:

- **Delete:** Delete the current message.
- **Forward:** Transfer messages to others.
- **Text Reply:** Reply messages to the sender. (The menu appears only when reading messages in the Inbox.)

- **Voice Reply:** Call the sender. (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 holding \* **Key**. In this menu, you can edit or change these 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. There is no status report when you select **Send to Many** option.
- **Used Space:** Check the total amount of messages that has already been stored and can be stored at most in the SIM card and the handset.

■ **Voice Mail**

Select and access **Voice Mail** submenu:

- Select **Get Voicemail** to check the voicemail box and listen to the voice message.
- **Voicemail No.:** Set the voice mailbox number.

■ **Cell Information**

- Select **Settings** to access, and then select language and subjects you are interested. In the subjects interface, select **Current List** option to set or select **Create Subject** to define a new subject.
- When cell information comes, you can view them one by one by **Read Info Message** option in the menu.

#### 4.3 Phone Menus



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

#### 4.3.1 Call Logs

##### ■ 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 answered.
- Select **Dialled Calls** to view calls that you made.

In the calls list interface, press **Options** to access the detailed submenus:

- **Send Message**: Send short messages to the number. The operation is the same as when creating messages.
- **IP Dial**: Press **IP Dial** to prefix the IP code to the number you want to dial if IP code has been set before.
- **Detail**: Check the details of the number.
- **Save**: Save the number to the SIM card or the handset.

➤ **Add to Blacklist:** Add the number to the black list.

■ **Call Duration:** Check the last call duration and the total call duration. And you can reset the timer.

■ **Call Costs:** Select **Last Call/All Call Info** check the last call cost and the total call costs. Select **Clear Logs** to clear all the costs information. 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.

#### 4.3.2 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.

➤ **All Calls:** Divert all incoming calls unconditionally.

➤ **When Busy:** Divert incoming calls when the line is busy.

➤ **No Answer:** Divert incoming calls when there is no answer.

➤ **Unreachable:** Divert incoming calls when the handset is turned off or out of the

network service area.

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.

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.

■ Cancel all diverts

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



#### 4.3.3 Firewall

##### 4.3.3.1 Incoming Calls Bar

- **Friend List:** Press **Select** to access.
  - If you have not added anything, the screen displays “List empty”. Press **Add** to enter the adding interface, add the friend number and then press **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 **Add** to enter the adding interface, add a number and then press **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**.

#### 4.3.3.2 Outgoing Calls Bar

Before entering the function, you need to enter handset lock code first. Please refer to Section “Security Settings” for the password. The default lock code 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**, and you can select **Clear prefix** option in the end of the list to delete all the logs. If you have not added anything, the screen displays “List empty”. Press **Add** to add phone number and then press **OK** to save.

## 4.4 Profiles



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

You can select the profile you need in this submenu. The profile options are: **Normal**, **Meeting**, **Outdoor**, **Silent** and **Headset**. (Note: The **Headset** mode appears only when the headset is plugged.) These profiles have been set before leaving factory. You can change them in the **Personalise** submenu.

Access the **Personalise** submenu, change the detailed settings of the selected profile, including: Alert Type, Ringing Tone, Ringing Volume, Speaker Volume, Key Tone, Warn Tone, Missed Alert, Message Alert and Power on/off Ring.

- **Alert Type:** This option determines the incoming call notification mode. You can select from Ring, Vibrator, Ring & Vibrator and Silent.

- **Ringing Tone:** Many polyphonic ring tones for selection.
- **Ringing Volume:** Adjust the volume of the ring tone by **Left/Right Key** and press **OK** to save the change.
- **Speaker Volume:** Adjust the volume of the earpiece by **Left/Right Key** and press **OK** to save the change.
- **Key Tone:** Select to turn on/off key tone.
- **Warn Tone:** Select **On** to set the phone to sound tones when the battery is running out of power, or turn off the tone.
- **Missed Alert:** Select **On** to set the phone to sound tones when there is a missed call, or turn off the tone.
- **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 tone ringing when the phone is switched on/off.

## 4.5 Settings



In standby mode, press **Menu**, select **Settings** and then press **Select** to access the settings interface.

### 4.5.1 Phone Settings

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

- **Language:** Press **Select** to change the current language for the displayed texts to [Chinese or English or other supporting language](#).
- **Service Light:** Press **Select** to switch on/off the service light.
- **Own Number:** Edit/view your own phone number.

- **Fastkey Setting:** Set the shortcut menu content corresponding to **Up/Down/Left/Right Key** in standby mode.
- **Auto Lock:** If you select **On**, the keypad is automatically locked after a certain length of time in standby mode. You can unlock the keypad according to the prompt on the screen. Select **Off** to disable this function.

#### 4.5.2 Display Settings

**Backlight:** Select to turn on/off the backlights of the screen and the keypad.

#### 4.5.3 Clock Settings

You can set date and clock.

- **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 clock settings, press **OK** to confirm and exit.
- **Date Format:** Set the date displayed format.

#### 4.5.4 Call Settings

Access **Call Settings** menu.

- **Anykey Answer:** If “**On**” is selected, you can answer the call by pressing any key except **End 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:** Select to sound an alert notification 5 or 10 seconds ahead of every 1 minute after call connection, or select **Off**.
- **Connected Minder:** Select to turn on/off alert tone when the dialed call is connected.
- **DTMF Tones:** Select to turn on/off **DTMF Tones**.
- **Call Waiting:** Select **On/Off** to enable/disable this function; select **Status** to query the current status of this function. When enabled, the network will notify you of a new incoming call while you have a call in progress. Please contact the network service provider for details.
- **IP Setting:** You can set an IP code. In this case, you can use the IP function in the

**Names**, and the IP code will be automatically added before the phone number that you want to dial.

#### 4.5.5 Network Settings

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

If you have selected a service provider manually, you have to manually select again or return to the **Automatic** option to select the service provider when you switch to the SIM card of another network.

#### 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. The default PIN code is 1234. 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 details. 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 calls.

- **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:

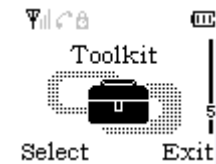
- **On:** The restriction is functional.
  - **Off:** Delete the restriction.
  - **Status:** Query if the restriction is set.
- **Cancel All:** Select **Cancel All** to cancel all set call restrictions.

**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 the network service provider to unlock it.

#### 4.5.7 Factory Settings

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

### 4.6 Toolkit



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

- **Alarm Clock:** The phone provides **Power On/Power Off/Normal** alarm clock services.

- **Calculator:** The phone provides simple calculating functions, such as addition, subtraction, multiplication and division.
- **Stopwatch:** The phone provides a stopwatch function.
- **World Clock:** The phone allows you to check time information on major cities worldwide.

#### 4.6.1 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: alarm type (Normal/Daily/Weekly/Workday Alarm), date, time, power-on/power-off/normal, and alert tone.
- **View alarms list:** Select **List Alarms** submenu, use **Up/Down Key** to select the desired alarm clock, press **Options** to enter the submenu list, and then 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 the alarm settings.

- **Define Rest Day:** Select **Define Rest Day** to set or change the settled days off in a week. The preset **Workday Alarm** will not sound at the defined rest day. Press **Up/Down Key** to select and then press **Right Soft Key** to set or cancel the rest day setting.

**Note:** The alarm clock is available only when the phone is switched on. When the phone is switched off, the **Normal Alarm** service doesn't work. The function of **Power on** means to set the phone to switch itself on at the desired time, and the function of **Power off** means to set the phone to switch itself off at the desired time.

#### 4.6.2 Calculator

- Press **0~9 Number Keys** to enter numbers, press **# Key** to enter decimal point.
- Press **Left Soft Key** to switch among +, -, ×, ÷.
- Press **Clear** to clear the last digit or results. Press **End Key** to exit the calculator. Press **Equal** to get results.

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

#### 4.6.3 Stopwatch

Select **Stopwatch** to access the timing interface, press **Start** to start to measure, and then press **Stop** to stop the timing and view the measured duration of time. Press **Reset** to resume the stopwatch.

#### 4.6.4 World Clock

Enter **World Clock**, you can view the time of desired city by using **Scroll Keys**. Press **Save** to save the selected city time as local display and press **End Key** or **Exit** to quit.

#### 4.7 Games



In standby mode, select **Menu-Games**, and then press **Select** to access.

■ **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 Names

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

It shows **List empty** when there is no record in the **Names**, you can add records by pressing **Options-Add New Name**. You can select the save position: SIM card or Handset. The saved records will be ordered by the first letter of the name. In that case, press # Key to switch between the sort modes.

- Press **Up/Down Key** to check the records. In the viewing interface, press **Send Key** to dial the number.
- In the **Names** list interface, press **Right Key** to check the details of the record. In

the detailed information interface, press **Options** to access the menu interface of the selected record. The menu options are as follows:

- **Send Message:** Access the creating message interface.
- **Edit:** Edit the record.
- **Delete:** Select whether to delete the record.
- **IP Dial:** If IP code has been set in advanced, the phone will automatically prefix IP code to the number you want to dial while you select **IP Dial** option.
- **Add to Speed:** You can assign the phone number to a speed-dialling key. Scroll to the desired key and press **Select** to assign. Then, you can hold the selected number key to directly dial the number in standby mode. In the speed dialling keys list, press **Delete** to delete the assignment.
- **Copy to SIM:** Copy the record to the SIM card or the handset.
- **Move to SIM:** Move the record to the SIM card or the handset.
- **Add to Blacklist:** Add the record to the blacklist.
- **Add to Friendlist:** Add the record to the friend list.

Whether saved in the SIM card or the handset, 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.

#### 4.8.1 Searching

- In the **Names** list interface, press **Options**, select **Search** and then enter the name you want to search.
- In standby mode, you can key in the serial number of the phone number you want to search, and press **# Key**, e.g. key in "19#" to display the phone number stored in No. 19 position of the **Names**.
- Quick-search: In the **Names** list interface, you can press **Number Keys** to go to the record of the name with similar initials.
  - Switch method: Press **# Key** to switch between searching modes.
  - Sort principle: Sort by ASCII Code in English mode.
  - Match principle: If match, go to the character; if not, go to the next.

#### 4.8.2 Editing

In the **Names** list interface, press **Options** and select **Edit**. You can edit the current record including the name, the number and the group.

#### 4.8.3 Deleting

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

#### 4.8.4 Making an IP Call

In the **Names** list interface, press **Options** and select **IP Dial**. If IP code has been set in advanced, the phone will automatically prefix IP code to the number you want to dial after you select **IP Dial** option. If not, there will be a prompt on the screen: Please set IP. Please refer to Section 4.5.4 for IP setting.

#### 4.8.5 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 **Ok** to confirm.

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

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

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

- Enter the phone number and then press **Ok**.
- Enter the name you want to add and then press **Ok**.
- Select the group.

#### 4.8.6 Settings

- **Ringing Tone:** Set different alert tones for different groups to distinguish.
- **Save No. to:** Select **SIM card/Choice/Phone memory** to save numbers.
- **Used Space:** Check the total amount of phone numbers that has already been stored and can be stored at most in the SIM card and the handset.
- **Speed Dial List:** Check the set speed-dialling keys list.

#### 4.8.7 Batch Operation

**Copy SIM to mem., Copy mem. To SIM, Move SIM to mem., Move mem. to SIM:** This

function provides you to batch copy or move all the numbers saved in the SIM card or the handset. When copying or moving, there will be a prompt on the screen if the destination space is full.

**Delete All In SIM, Delete All In Phone:** Delete all the records in the SIM card or the handset. **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 and punctuation mark or special characters input.

Entries where characters can be entered are as follows:

- Entering/Editing short messages.
- Entering/Editing **Names**.
- Searching for phone numbers in the **Names**.
- Editing preset idioms.

### 5.2 Keyboard Definition

The general keyboard is defined as follows: [\\_](#)

- **Left Soft Key**: Usually means Select or Ok.
- **Right Soft Key**: Usually means Exit or Cancel.
- **Scroll Keys**: Usually used for moving cursor and paging selected word up/down.

- **# Key** is used to switch among different input modes.
- **\* Key**: In input mode, press **\* Key** to bring out symbol entering.
- **Entering Idioms**: In the original screen when creating messages, press **Idiom** to enter the idioms selecting interface.

### 5.3 Character Chart

Use this character as a guide for entering spaces, numbers, letters, symbols, and other characters.

Key	Corresponding Characters	Notes
1	1 and some common symbols	
2	ABCabc2	
3	DEFdef3	
4	GHIghi4	
5	JKLjkl5	
6	MNOmno6	
7	PQRSpqrs7	

<b>8</b>	TUVtuv8	
<b>9</b>	WXYZwxyz9	
<b>0</b>	Space 0	
<b>* Key</b>	Press <b>* Key</b> to bring out symbol entering.	
<b># Key</b>	Switch among input methods.	
<b>Up/Down Key</b>	Roll the cursor up/down.	
<b>Left/Right Key</b>	Roll the cursor left/right.	
<b>Left Soft Key</b>	Select or confirm the option.	
<b>Right Soft Key</b>	Exit, delete or cancel the last inputting.	
<b>End Key</b>	Exit	

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 other input modes except numeric input mode, press **0 Key** once to enter space.

In numeric input mode, space cannot be entered.

- Use **Clear** to clear errors.



## 6 Troubleshooting

Is it a malfunction? If you have a problem with your phone, first refer to this Troubleshooting Guide as you check with your phone. If you can't solve, please contact your dealer.

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

Input the PIN1 code or input the new PIN if you have changed the code. The code can be set **"Off"** if you do not want to input. (Please refer to Section "Settings".)

2. **"Insert SIM card"** 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.

Press **Unlock**, enter the handset lock code or the new code if you have changed it, and then press **Ok**.

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. Please refer to Section "Outgoing Calls Bar".

8. A phone call cannot be answered.

Check the "Black List" in the **Firewall** menu. Please refer to Section "Incoming Calls Bar".

9. Short message cannot be sent.

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