

ZTE F930
3G Mobile Phone
User Manual

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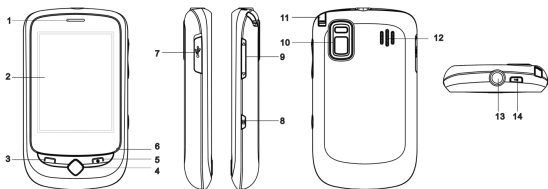
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Chapter 1

Getting started

Phone overview





Keys and parts


















1	Speaker
2	LCD
3	Call Key <ul style="list-style-type: none">• Press to send or answer calls.• In standby mode press to show all calls.
4	OK Key <ul style="list-style-type: none">• Press to open the main menu.• Long press to access multi-task interface.

5	End Key <ul style="list-style-type: none"> • Press and hold to turn the phone on/off. • Press to end a call. • Press to reject an incoming call. • Press to cancel dialing. • Press to return to standby mode.
6	Microphone
7	Charger/USB connection jack
8	Camera key
9	Volume key
10	Back Camera
11	Handwriting Pen Slot
12	Speaker
13	Handset Port
14	Lock key

Indicators and icons

	2G Network Signal Strength
	New SMS
	New MMS
	New Wap Push Message

	Morning
	GPRS attach
	GPRS in use
	All calls divert
	HSDPA mode
	Missed voice call
	Alarm
	Battery status
	Bluetooth on
	Headset mode
	Roaming
	Silence and vibrate mode
	Vibrate mode
	Silent mode
	Muti-Task management application

Starting up

Inserting (U)SIM card

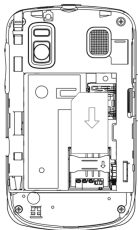
You can obtain a (U)SIM card from your service provider when you sign on as a subscriber.



Caution:

- **Do not bend or scratch your (U)SIM card. Keep the card away from electricity and magnetism.**
- **Don't touch the metal surface of the (U)SIM card in case that information in the card may be lost or destroyed.**
- **Make sure to disconnect the charger and other accessories from your phone and remove the battery before inserting and removing your (U)SIM card.**

Insert the (U)SIM card with the gold contacts facing down and the beveled edge on the top left as shown. Carefully slide it into the housing observing the correct orientation.





Notes:

The charger and other accessories should be disconnected from your phone before you insert or remove the (U)SIM card.

Removing (U)SIM card

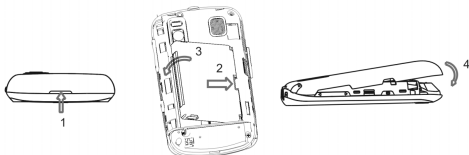
1. Press and hold the **End Key** to power off the phone.
2. Use the thumb catch at the bottom of the handset to open the battery cover.
3. Remove the battery. See *Battery- Removing the battery*.
4. Remove (U)SIM card gently from the card holder.

Installing battery



Notes:

- **The phone automatically switches off if the battery voltage is too low.**
 - **When not using the battery for a long period, remove it from the phone and store it in a cool dry place.**
1. Use the thumb catch at the bottom of the handset to open the battery cover.
 2. Insert the battery carefully with the contacts located against the gold springs.
 3. Press the battery down flush into the case.



4. Line the battery cover up correctly and press gently to close the case.



Caution:

Do not force the cover down by pressing on it. This will damage the cover.

Removing battery

1. Power off your phone.
2. Use the thumb catch at the bottom of the handset to open the battery cover.
3. Lift the battery away from the phone.

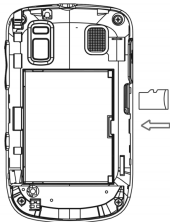
Inserting memory card

The microSD (**micro**) card gives your handset a very large memory capacity. This allows you to save multimedia data, including images, photos, MP3 audio files, and ring tones. You can also use this memory card to store any other files.



Tips:

- Your phone can support a microSD card with capacity up to 8GB.
 - **micro** is a trademark.
1. Use the thumb catch at the bottom of the handset to open the battery cover.
 2. Firmly insert the microSD card into the slot until it clicks into place.



3. Line the battery cover up correctly and press gently to close the case.



Caution:

Only use ZTE approved memory cards for this device. Any use of unapproved memory cards may cause loss of data or damage to your phone.

Removing memory card

1. Press and hold the **End Key** to power off the phone.
2. Use the thumb catch at the bottom of the handset to open the battery cover.

3. Push the memory card to release it from the slot.
4. Pull the memory card completely out of the T-Flash slot on the handset.
5. Line the battery cover up correctly and press gently to close the case.



Tips:

- **Do not remove the memory card while reading or writing to the card. Doing so may cause data corruption on the card or phone. If possible, insert and remove the memory card while the phone is powered off.**
- **You'd better use your phone to format your memory card. If you want to format it on your PC, please select FAT Formatting type. Otherwise it might cause the memory card not identified by your phone.**

Power on/off



Notes:

Do not power on your phone if wireless phone use is unapproved, or when it may cause interference or danger.

1. Press and hold **End Key** to turn the phone on.



Tips:

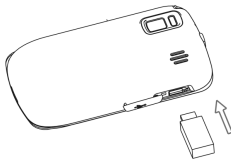
- ▶ **When being asked, enter your PIN (Personal Identification Number) code or handset code and Click the OK Key to confirm.**

- ▶ **The PIN code is the password provided by your network service provider. You need this password to use the (U) SIM card.**
 - ▶ **When the entered PIN code or handset code is accepted, the phone will automatically search for the designated network. After a few seconds, your phone will show the standby mode.**
2. To power off the phone, press and hold the **End Key** from the standby mode.

Charging

Your phone is powered by a rechargeable battery. The battery is not fully charged when first unpacked, but there may be enough power to power your phone on. You should use it up completely before charging the battery for the first time. Charge the battery with the procedure indicated below.

1. Push down the USB port cover.
2. Insert the charger's USB adapter into the USB port.
3. Connect the charger to a standard AC wall outlet.



4. Remove the charger from both the wall outlet and the phone once the charging completed.



Notes:

- **Make sure that the adapter is inserted into the correct position. Do not force the connector into the port.**
- **The battery will be fully charged for 3~4 hours.**
- **Charging is only possible within a temperature range of 0°C to 45°C. Use the charger provided by the original provider. Using unapproved charger may cause danger and violate the authorization and warranty rules of the phone.**
- **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 until it is continues charged for 10 to 40 minutes.**
- **For maximum battery performance, it is recommended that you completely charge the battery before using the phone for the first time. A new battery's full performance is achieved only after three complete charge and discharge cycles.**
- **Once the charging is complete, remove the charger from both the power outlet and the phone.**
- **To charge the battery, you can use the provided charger or the USB data cable.**

Selecting one option

There are two methods to select one option:

1. Use handwriting pen to tap the option.
2. Use your finger to tap the option.



Notes:

Please tap the screen slightly, otherwise the screen will be damaged.

Setting date and time

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Handset > Time and Date** to set the time and date.

Locking key

Use the function to prevent the keys from being accidentally pressed.

Lock the phone

Method one: You can press and hold **Lock Key** to lock the phone manually.

Method two:

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Keylock Timeout** and set the Key locking automatically as 10 sec, 15 sec, 30 sec, or 60 sec.

Unlock the phone

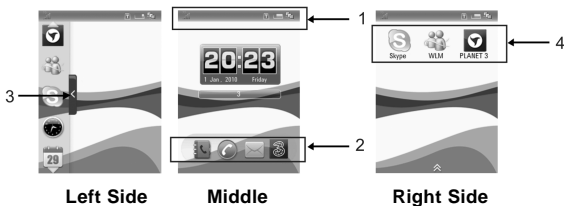
If you want to unlock the key, please drag the blue key-locked icon up to the grey key-locked icon position to unlock.

Basic operation

Standby mode

1. Standby mode

Tap anywhere on the screen, and drag left or right to scroll, the start up screen will switch among following pictures. And the middle picture below is referred to throughout the manual as the standby mode:



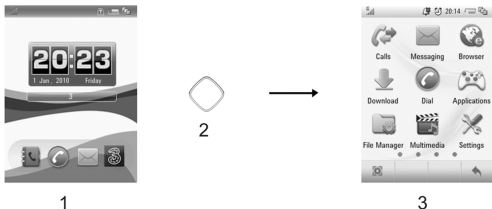
1	Information Bar
2	Shortcut Icons Tap these icons to enter corresponding function interface.
3	Hidden Icons Button Tap this button to show the hidden icons area. Then you can drag the required icon between the standby mode and hidden icon area.
4	Shortcut Icons Tap these icons to corresponding function interface, detailed please consult your service provider.



Notes:

Draging to scroll will not choose or activate anything on the screen.

2. Press **OK Key** to access **Main Menu** :



1	Standby mode
2	OK Key
3	Main Menu

Main menu

The main menu includes four pages, click the dot that exits at the bottom of the screen to access the corresponding page.



1 2 3 4

1	Tap to display the first page
2	Tap to display the second page
3	Tap to display the third page
4	Tap to display the fourth page



Notes:

You can also drag left or right to scroll page to page.

Calls

You can check the phone numbers of missed, answered, and dialed calls.

Messaging

SMS (Short Messaging Service) allows you to send text messages and manage the messages that you sent and received.

You can also send and receive MMS (Multimedia Message Service) messages. MMS enables you to send messages with images, sounds and texts. Consult your service provider whether this service is available. You may need to register separately for this service.

Browser

You can get the latest information from the Internet through your phone.

Internet access may require registration with the service provider. The browser is activated with the preset option as soon as you call up the function. Browser settings may be specified/pre-assigned by the service provider.

Download

Download files from default server, detailed please consult your service provider.

Dial

Select the **Dial** icon to enter the dialer interface.

Applications

You can download the applications or games to your phone.

File Manager

You can use **File manager** to organize your files in folders.

If the storage card is inserted, folders/files stored in it are organized separately.

Multimedia

You can take photo, listen to radio, record audios, and so on.

Settings

You can set or personalize your phone.

Bluetooth

You can connect your phone with another Bluetooth device through

Bluetooth.

Tools


The **Tools** include **Alarm**, **Calendar**, **Calculator**, and so on.

Contacts

You can store contacts with a variety of phone and fax numbers as well as additional address details.

The phone can store up to 500 entries. The capacity of a phone book on your (U)SIM card depends on the type of (U)SIM card provided by your network operator.

Menu settings

1. Press **OK Key [Menu]** to open main menu.
2. Tap  icon to enter **Menu Display Option** interface.
3. Tick the box after the item, the corresponding item will be displayed in the main menu. Otherwise, the item will be hidden.



Notes:

By default, all items will be displayed in the main menu.

Navigating your phone

The phone features, various functions and settings organized in menus and submenus. To select a function from menus:

1. Press **OK Key [Menu]** to open main menu.
2. Select the required menu, for example, tap **Settings**.
3. At this time, you are in **Screen** tab. Select the desired submenu, for example **Backlight Duration**.
4. Select the desired option, for example, **15 seconds**.
5. After setting successfully, the screen will return to the **Settings** interface.

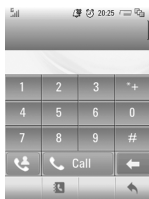


Tips:

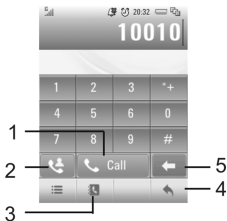
- In this user manual, the steps needed to reach a menu are shown in a condensed form, for example: **Settings > Back-light Duration > 15 seconds.**

Dial

1. In standby mode, tap **Dial icon** to enter following interface:



2. Tap the keypad to enter the required dialing number:




1	Tap to make a voice call.
2	Tap to make a video call.
3	Tap to open Contacts application.
4	Tap to return to the previous page.
5	Tap to clear input number.




Notes:

Before enter a number, please open Dial firstly.

Managing multi-task

This function allows you to open several application tasks simultaneously, tap  icon to view the tasks. And following is an application example.

1. In standby mode, tap **Contacts** icon.
2. Press **OK Key [Menu]** to enter main menu.
3. Tap **Calls**.
4. Tap  icon to enter multi-task interface.
5. Tap desired task to display the detailed corresponding information.

Making a call

1. Open **Dial**.
2. Enter the required dialing number, if required tap * **key** twice for the international prefix “+”.

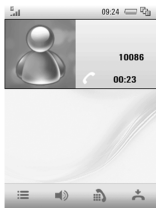
3. Press **Call key** to make a call.




Press **End Key** to end the call.

Receiving a call

When you receive an incoming voice call, the ring tone, illumination and vibrate function will activate (depending on your current profile setting).

1. Press **Call Key** to answer.



- ▶ Tap  to active loudspeaker.
- ▶ Tap  to open keyboard.
- ▶ Press **End Key** or tap  to end the call.

Getting help

When you use your phone, you can obtain the help information from the following options.

Obtain the help through your phone

Your phone has been preloaded the help information about some application programs. Please read these information, you can obtain the help about these applications.

Obtain the help from the user manual

Please read the user manual for keys and parts information and instructions for setting up the device for use.

Obtain the help from ZTE web site

If you want to obtain more help information, please visit <http://www.zte.com.cn/en>.

Chapter 2

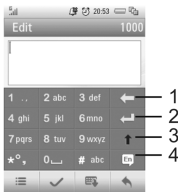
Text input

Text mode

Your mobile phone provides the following input methods: ABC input, abc input, numeric input and En input.

Currency text mode

Tap the field that allows characters to be entered, the text input mode indicator will be showed with **# Key** as following picture.



1	<ul style="list-style-type: none">● Tap to delete the letter left of the cursor.● Tap and hold to delete all entered text.
2	Tap to enter a new line.
3	Tap to switch between ABC mode and abc mode.
4	Show the current display language.

Changing mode

In the above picture, tap **# key** to select the required input method.

ABC mode

1. Tap number key (**2~9**) repeatedly until the desired character appears on the screen. Tap once to input the first letter on the keypad, tap twice quickly to input the second letter, and so on.
2. Tap **Space Key** twice to enter 0.

Number mode

When the input method icon is shown as “**123**”, input numbers directly with number keys.

En mode

En text method is based on a built-in dictionary and generates words from the combination of letters Clicked.

1. Tap each key associated with the letter you want to enter only once. The letters you have entered appear on the display. The candidate words change with each key you tap.
2. When the candidate word is displayed, tap the desired candidate words to confirm.

Special symbols

1. Tap *** Key**.
2. Select the desired symbol.

Chapter 3

Calls

Voice calls

You can call the numbers of the other party directly or you can make a voice call through contacts, calls log, speed dial numbers.

Making a call

1. In standby mode, tap **Dial icon** and enter a phone number.
2. Press **Call key** to make a voice call.

Making a call from contacts

1. In standby mode, tap **Contacts** icon.
2. Tap a contact.
3. Press **Call Key** to make a voice call.

Making a call from call history

1. Press **Call Key** in standby mode to display all calls.
2. Tap the required number.
3. Press **Call Key** again for a voice call.

Making a one-key-call



Notes:

The number key 1 and 2 are preset by your service provider.

Tap and hold the corresponding number key (3~9) in the speed dial list to make the call.

Setting one-key-call

1. In standby mode, tap **Contacts** icon.
2. Select **Options > Speed Dial Setting**.
3. Tap the desired number.
4. Select the required contact.
5. Tap **Back** icon to finish the setting.

Receiving calls

When the voice call is coming, your phone will ring or vibrate or show the animated cartoon (Please see **Personalize your phone > Profiles**). If the caller has the Calling Line Identification (CLI) facility, the caller number appears on the screen.

Press **Call Key** to answer the call.



Tips:

You can press the button on the headset to answer the call when you connect the headset to your phone.

Setting ring for coming call

1. Press **OK Key [Menu]** and select **Settings > Profiles**.
2. Select the profile.
3. Tap **Edit** to edit the selected profile.
4. Tap **Voice Call Ringtone**.
5. Select the audio file in **File Manager**.

Rejecting a call

Press **End Key** to end the call.

Call options


Muting call

When there is an incoming call, tap **Silence** to block your voice.

Adjusting volume

During a call, press **Side Volume Key** to adjust the call volume.

Starting handfree

When you answer a call, please tap  to active loudspeaker, tap again to cancel loudspeaker.

Others

Click **Options** during a voice call for more options. Options vary depending on the current situation:

- ▶ **Mute/Unmute:** Mute/Unmute current call.
- ▶ **Hold/Active:** Hold/Active current call.
- ▶ **Record/Stop recording:** Start/Stop recording current call.
- ▶ **DTMF off/on:** Enable or disable sending DTMF tone.

Video calls

You can call the numbers of the other party directly or you can make a video call through contacts or calls log.

Setting ring for video call

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Profiles**.
3. Select the profile.
4. Tap **Edit** to edit the selected profile.
5. Tap **Video Call Ringtone**.
6. Select the audio file in **File Manager**.

Making a video call

1. In standby mode, tap **Dial icon** and enter a phone number.
2. Tap **Video Call** icon to make a video call.

Receiving a video call

If you want to answer the video call, you must be covered by 3G network.

When there is incoming video call, your phone will ring, vibrate, or show the animated cartoon (Please see **Personalize your phone > Profiles**). If the caller has the Calling Line Identification (CLI) facility, the caller number appears on the screen.



Tips:

- If you answer the video call while browsing the internet, enjoying music or playing videos, these applications will be paused. Once you end the call, these applications will be resumed.

- You can press the button on the headset to answer the call when you connect the headset to your phone.
- Please adjust to appropriate volume to avoid injure your ear.

Press **Call Key** to answer the call.

Press **End Key** to end the call.

Video call options

Tap **Options** during a video call for more options. Options vary depending on the current situation:

- ▶ **Mute/Unmute:** Mute/Unmute current call.
- ▶ **Record:** Record the current call, and you can tap **Stop** to stop recording.
- ▶ **Active/Inactive:** Active/Inactive remote image.
- ▶ **Send/Block My Video:** Block or send my picture during the call.
- ▶ **PIP off/on:** Close or open the local image.
- ▶ **Exchange PIP:** Switch between the primary and secondary screen.
- ▶ **Volume:** Adjust volume during the call.
- ▶ **Brightness:** Set the screen brightness.
- ▶ **Contrast:** Set the screen contrast.
- ▶ **Zoom:** Adjust the image size.
- ▶ **Change picture for sending:**
- ▶ **Camera regulation:** Set camera related features.

Call history

Press **OK key [Menu]** and tap **Calls** to check the calls log.

Viewing recent call history

1. Tap **All** to view all calls' log.
2. Tap **Missed** to view the missed calls' log.
3. Tap **Dialed** to view the dialed calls' log.
4. Tap **Answered** to view the received calls' log.

Deleting call history

1. In **Calls** interface, select **Options > Clear All Calls** to clear all call history.
2. Tap **Yes** to confirm.

Viewing call duration

In **Calls** interface, select **Options > Call Duration Info** to view call duration.

Clean call time

1. In **Call duration info**, tap **Clear** icon.
2. Enter handset lock code.



Tips:

The default handset lock code is 0000.

3. Tap **Yes** to confirm to clear.

Call settings

Starting call forwarding

Call Forwarding allows you to divert your incoming calls to another phone number. For details, contact your service provider.

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Call > Call Forwarding** for more options.
 - ▶ **Always**
 - ▶ **When busy**
 - ▶ **When no reply**
 - ▶ **When unreachable**
3. Select one option, and tap **Activate** to register the corresponding service.
4. Enter phone number you want to divert to.

Or tap **Contacts** icon to select one contact as the number you want to divert to.

5. Tap **OK** icon to confirm.
6. After few seconds, the result will be shown to you.

Call divert always

Divert all incoming calls unconditionally.

Call divert when busy

Divert incoming calls when the line is busy.

Call divert when no reply

Divert calls when there is no answer.

Call divert when unreachable

Divert calls when the phone is turned off or the phone is not in an area covered by service network.

Canceling call divert

When your phone has activated the **Call Forwarding** function, if you want cancel it, you should do as follows:

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Call > Call Forwarding > Cancel Call Forwarding**.
3. Tap **OK** to confirm.

Starting call waiting

If there is an incoming call while you are on another call, the phone notifies you with a call waiting tone. It shows the number/name of the waiting call, and this function is a network service.

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Call > Call Waiting**.
3. Tap **Activate** to register the corresponding service.
4. After few seconds, the result will be shown to you.

Starting call barring

Call barring (network service) allows you to restrict the calls that you make or receive with the device. To change the settings, you need the network password from your service provider.

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Call > Call Barring** for following options:

- ▶ **Bar All Outgoing Calls**
 - ▶ **Bar Outgoing Calls (International)**
 - ▶ **Outgoing International Calls Except For Calls To The Home Country**
 - ▶ **Bar All Incoming Calls**
 - ▶ **Bar Incoming Call when Roaming**
3. Select one option, and tap **Activate** to register the corresponding service.
 4. Enter the network password.
 5. Tap **OK** to confirm.
 6. After few seconds, the result will be shown to you.

Bar all outgoing calls

Calls can not be made.

Bar outgoing calls (international)

International calls can not be made.

Outgoing international calls except for calls to the home country

When abroad, calls can be made only to numbers within the current country and to your home country, where your home network operator is located.

Bar all incoming calls

Calls cannot be received.

Bar incoming calls when roaming abroad

Calls cannot be received when you are using your phone outside your home service area.

Canceling all call barring

When your phone has activated the **Call barring** function, if you want cancel it, you should do as follows:

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Call > Call Barring**.
3. Tap **Cancel All Call Barring**.
4. Enter the net password.
5. Tap **OK** to confirm.

All settings about barring are cancelled.

Change password of call bar

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Call > Call Barring>Modify Network Password**.
4. Enter the old password and tap **OK** icon to confirm.
5. Enter the new password and tap **OK** icon to confirm.
6. Enter the new password again and tap **OK** icon to confirm.

The password has been changed.

Send my number

This function allows you to send or hide your number when making calls. You can also select **Automatic**, and then the network will make the choice to show/hide the phone number. This function requires network to support.

Chapter 4

Messages

Text messages

SMS (Short Messaging Service) allows you to send text messages and manage the messages that you sent and received.

Setting SMS

1. In standby mode, tap **Messaging** icon.
2. Select **Settings > SMS Settings**.
3. Enter **SMS Center Number**, select **Expiration Time**, and **Delivery Report**.

SMS Center Number	Enter SMS center number, detailed please consult your service provider.
Expiration Time	The length of time in which the message center will attempt to deliver the message until it is received.
Delivery Report	You can select ON/OFF to receive or reject a popup message to inform you when the message is delivered to the recipient.

Sending new SMS

1. In standby mode, click **Messaging** icon.
2. Select **New message > SMS**.

3. Enter the recipient(s) party's number. (Or tap **Contacts/Favorite contacts** to choose the recipient(s).)
4. Tap the text field.
5. Edit the message and tap **OK** icon to confirm.



Tips:

Select Options > My Words to insert my words.

6. Tap **Send** icon to send your message.

Receiving SMS

1. The envelope icon will appear on the information bar to indicate new incoming SMS. The message alert tone and vibrate activate depending on the current profile setting. Click the new message icon to view the message.
2. For the old messages:
 - i. In standby mode, tap **Messaging** icon.
 - ii. Tap **Handset Inbox**.
 - iii. Tap the desired message to view it.

Replying SMS

1. In standby mode, tap **Messaging** icon.
2. Tap **Handset Inbox**.
3. Tap the desired messages.
4. Tap **Reply by SMS** icon to reply to the selected message sender.

Calling back

1. In standby mode, tap **Messaging**.

2. Tap **Handset Inbox**.
3. Tap the desired messages.
4. Select **Options > Voice/Video Call** to call the message sender.

Use number

1. In standby mode, tap **Messaging** icon.
2. Tap **Handset Inbox**.
3. Tap the desired messages.
4. Tap the message sender number
5. Tap **Save** or **Update Contact** to save the message sender.

Deleting SMS

1. In standby mode, tap **Messaging**.
2. Tap **Handset Inbox**.
3. Tap **Delete** icon.
4. Tap the box after the message that you want to delete.
5. Tap **OK** icon to confirm.

Multimedia message

MMS enables you to send or receive messages with images, sounds and text. Consult your service provider whether this service is available.

Setting MMS

1. In standby mode, tap **Messaging** icon.
2. Select **Settings > MMS Settings**.
3. Set the parameters.

Retrieval Settings	Immediately: Retrieve the new multimedia message immediately.
	Delay: Defer to retrieve the new multimedia message for a period of time.
	Manual when roaming: Retrieve the new multimedia message automatically except in roaming state.
Send Mode:	You can set immediate delivery or defer it for a specified period of time.
Send Delay	You can set a specified period of time to send MMS when you set After sending in Delivery mode. The max delivery time is 99 hours.
Slide Time	You can set the playing time of each page.
Delivery Report	If you request delivery reports for messages, you will receive a popup message to inform you when the message is delivered to the recipient.
Expiration Time	You can configure the validity period of outgoing messages. Your network will save your messages in this specified period of time.
Receive Anonymous Message	You can choose to accept or refuse anonymous message.
Link Mode	Please consult the service provider for detailed information.
Receive PUSH Message	You can accept or reject PUSH message.

Sending new MMS

1. In standby mode, tap **Messaging** icon.
2. Select **New message > MMS**.
3. Enter the recipient(s) party's number. (Or tap **Contacts/Favorite contacts** to choose the recipient(s).)
4. Tap **Sub** field to enter the title of your MMS message
5. Tap **Edit** field to edit your message.
6. Tap **Attachments** field to add the required attachments.
7. Tap **Send** icon to send the message.



Notes:

- **For the unfinished message, tap Save to save it to the Drafts.**
- **From the Outbox/Drafts you can complete and resend the message.**

Receiving MMS

1. The envelope icon will appear on the information bar to indicate new incoming MMS. The message alert tone and vibrate activate depending on the current profile setting. Click the new MMS icon to view the message.
2. For the old MMS:
 - i. In standby mode, tap **Messaging** icon.
 - ii. Tap **Handset Inbox**.
 - iii. Tap the desired MMS to view the message.

Deleting MMS

1. In standby mode, tap **Messaging** icon.
2. Tap **Handset Inbox**.
3. Tap **Delete** icon.
4. Tap the box after the message that you want to delete.
5. Tap **OK** icon to confirm.

Message management

In standby mode, tap **Messaging** icon to enter message interface, the submenu items include: **New message**, **Handset Inbox**, **Outbox**, **Drafts**, **Sent**, **User folder**, **(U)SIM Inbox**, **Settings**, and **Memory info**.

Message boxes

The **Inbox** folder contains all of your received messages. From this folder you can view your received messages, reply or forward messages to another recipient.

The **Outbox** folder contains all messages that were unsuccessfully sent during the last attempt. From this folder you can edit or resend your messages.

The **Drafts** folder contains drafts and unfinished messages. From this folder you can complete or resend your messages.

The **Sent** folder contains messages that were sent successfully. From this folder you can edit or forward messages to another recipient. Select **(U)SIM Inbox** to check the messages saved in (U)SIM card.

You can move your received messages from inbox to **User Folders**. You can check the amount of memory available for messages through **Memory Info.** folder.



Notes:

- **You can not receive new messages if memory for messages is full.**
- **Total amount of messages decided by the space of handset and (U)SIM card.**

Push messages

Push messages is a formatted SMS that displays a message to the user, giving the option of connecting directly to a particular URL via the mobile's wap browser.

- Use the browser to view push messages
- Set **OFF** to disable push messages.



Chapter 5

Contacts

Adding a contact

You can store contacts with a variety of phone and fax numbers as well as additional address details.

The phone can store up to 500 items. The capacity of a phone book in your (U)SIM card depends on the type of (U)SIM card provided by your service provider. The saved location can be identified by the icon before the contacts.

	Show the contacts that are none of groups are stored in your phone memory.
	Show the contacts that are stored in your (U)SIM card.

1. In standby mode, tap **Contacts** icon.
2. Tap **New** icon.
3. Enter the information of contact, such as name, number, and so on.
4. Tap **Save** icon to save the new contact.

Editing contact

1. In standby mode, tap **Contacts** icon.
2. Select the desired contact.
3. Tap **Edit** icon.

4. Edit the contact.
5. Tap **Save** icon to save, and tap **Yes** to confirm.

Deleting contact

You can delete one contact or all contacts from your phone or (U) SIM card.

1. In standby mode, tap **Contacts** icon.
2. Select **Options > Delete Contacts**.
3. Tap the box after the message that you want to delete.
4. Tap **Done** icon to delete.
5. Tap **Yes** to confirm.

Adding a group

Assign group for the contacts

1. In standby mode, tap **Contacts** icon.
2. Tap **Group**.
3. Select desired group name.
4. Select **Options > Add/Delete member > Added** to add new members for the group.

Or Select **Options > Add/Delete member > Not added** to delete members from the group.

Editing group

Set incoming ringtone and image for your contacts group.

1. In standby mode, tap **Contacts** icon.
2. Tap **Group**.

3. Tap **Group Management** icon.
4. Tap required group name and edit it.
5. Tap **Done** icon to confirm.

Deleting group

1. In standby mode, tap **Contacts** icon.
2. Tap **Group**.
3. Select **Options > Delete Group**.
4. Tap the box after the group that you want to delete.
5. Tap **Done** icon.
6. Tap **Yes** to confirm.

Others about contacts

1. In standby mode, tap **Contacts** icon.
2. Tap **Options** icon to enter the submenu list, and you can do following operations:

Options		Function
Filter display	Handset Contacts	Only display the contacts saved in handset.
	SIM contacts	Only display the contacts saved in (U)SIM.
Copy Contacts		Copy this contact or all contacts stored in the phone to (U)SIM card, or vice versa.
Move Contacts		Move this contact or all contacts stored in the phone to (U)SIM card, or vice versa.
Delete Contacts		Delete selected contact(s).
Default Memory		You can select the phone or the (U)SIM card as the default memory to save your contacts in.

Options	Function
Service Number	View some service numbers, such as Voicemail number. You can not edit these numbers.
Own Phone Number	Use to view preset phone number.
Memory Info	You can check the capacity status of (U)SIM or handset
Send via Bluetooth	Send the selected contacts to paired device via Bluetooth.

Viewing memory info

You can check the total amount of contacts that has already been stored and the space which is available in (U)SIM card and phone.

1. In standby mode, tap **Contacts** icon.
2. Select **Options > Memory Info**. The capacity used and the total capacity of the phonebook in the phone and the (U)SIM card will be showed.

Sending business card

You can send the name and numbers of contact through Bluetooth.

1. In standby mode, tap **Contacts** icon.
2. Select **Options > Send via Bluetooth**.
3. Send the business card according to the interface prompt.

Chapter 6

Photos and videos

This phone provides following functions for you: camera, video camera, voice recorder and so on. You can take photos, shoot video clip, record a voice memo and so on.

Camera

There is an integrated digital camera in your phone, and this function enables you to take a still picture.

Taking a photo


1. Press **Camera Key** to activate camera function.
2. Aim the camera lens at the place/object.
3. Press **Camera Key** again to take the photo. And the photo just taken will be saved in **My Pictures** automatically.
 - ▶ Tap **Send** to send the photo just taken **via MMS /Via Bluetooth**.
 - ▶ Tap **Setting** set the photo just taken as wallpaper or avatar.
 - ▶ Tap **Delete** to discard the photo just taken.

Setting Camera mode

While in camera mode, there are more other options:

Options		Function
Mode		You can choose one mode from the five predefined modes: Camera, Photo, Video, MMS Video.
Flash		Open or close Flash function.
Night		Open or close Night function.
Settings	Bri./Con.	Set the brightness/contrast of your photo.
	WB	Set the balance of your photo
	Effect:	Set the effect of your photo
	More	Shutter sound Select the sound when the shutter is pressed.
		Location You can select microSD card or hand-set as default memory.
		Size Set the size of your photo.
		Quality Set the quality standard of your photo.

Viewing photos

1. Press **Camera Key** to activate camera function.
2. Double tap  icon located at the left bottom corner of the camera screen.
3. Tap your required picture.
4. Tap **Open** to view it.

Video

You can active **Video** to record a video clip.

Recording a video


1. Press **Camera Key** to activate camera function.
2. Select **Mode > Video** to switch to video mode.
3. Press **Camera Key** to start recording.
4. Press **Camera Key** again to **stop** recording. And the video just recorded will be saved in **My Kinescope** automatically.

Setting Video mode

While in camera mode, there are more other options:

Options		Function
Mode		You can choose one mode from the five predefined modes: Camera, Photo, Video, MMS Video.
Flash		Open or close Flash function.
Night		Open or close Night function.
Settings	Bri./Con.	Set the brightness/contrast of your video.
	WB	Set the balance of your video
	Effect:	Set the effect of your video
	More	Record Close or open record function.
		Location You can select microSD card or phone memory as default memory.
		Format Set just record video's format
		Quality Set the quality standard of your video.
	Other	Close or open break function when video.

Playing a video

1. Press **Camera Key** to activate camera function.
2. Select **Mode > Video** to switch to video mode.
3. Double tap  icon located at the left bottom corner of the camera screen.
4. Tap your required video.
5. Tap **Play** to play it.

Recorder

This function allows you to record a voice memo, and you can also set the voice memo as ringtone.

Recording

1. Press **OK key [Menu]** to enter main menu.
2. Select **Multimedia > Voice recorder** to active voice recorder.
3. Tap **Start** icon to start recording your voice memo.
4. Tap **Pause** icon to pause, tap **Continue** icon to resume recording, tap **Done** icon to stop recording. And the recorded voice memo will be saved in **My Audios** directory.

Playing a sound file

1. Press **OK key [Menu]** to enter main menu.
2. Select **Multimedia > Voice recorder > My Audios**.
3. Tap the required audio file to play it.

Setting recorder mode

1. Press **OK key [Menu]** to enter main menu.
2. Select **Multimedia > Voice recorder**.
3. Tap **Setting** icon to do following operations.
 - ▶ Time Limit: Set the recording time to **MMS size** or **Unlimited**.
 - ▶ Save Location: Select the **Phone** or **Card** as storage
 - ▶ Alarm: Select **Disturb** or **Undisturb**.

Chapter 7

Connectivity

Mobile network select

Your mobile phone supports to register on network automatically, detailed please consult your service provider. If the phone fails to register on network, you should attempt to register on network manually.

Registering to mobile network

Firstly please confirm following three items:

- Insert the valid (U)SIM card.
- The network signal can be properly received.
- Power on the phone.

Generally the phone can search for the network automatically after power on. When the phone registered to the network successfully, the name of service provider/logo will be appeared on the screen. If fails to register network, please attempt to following methods:

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Connect > Network Settings**, set **Preferred Mode** and **Preferred Selection**, detailed description is shown in the table below:

Network	Descriptions	
Preferred Mode	Automatic	Search for available network automatically.
	UMTS	Registered to 3G network manually.
Preferred Selection	Automatic	The phone will search for available network automatically after power on.

These parameters maybe not completely identical with your phone please refer to the real object.

Attaching GPRS network

Please confirm following items firstly:

- Insert the valid (U)SIM card.
- The network signal can be properly received.
- Power on the phone.
- Obtain **Access point settings** parameters from your service provider.

With this service you can receive and send MMS after your phone accesses internet successfully, and this service also requires your service provider to active data service. Detailed please consult your service provider.

1. Press **OK key [Menu]** to enter main menu.
2. Select **Settings > Connect > Access Point Settings**.
3. Tap **Add** icon, and set the related parameters.

Managing removable disk

Firstly please insert the available microSD card.

1. Press **OK Key [Menu]** to enter main menu.
2. Select **File Manager > Micro SD Card**.
3. Tap the desired folder.
4. Tap **Options** icon to do the following operations: Rename, Send via Bluetooth, Move, Folder info, and so on.

Bluetooth

Your phone includes Bluetooth used to connect your handset to wireless headsets and hands free car kits. You can also transfer files between your phone and other Bluetooth devices such as another phone or a laptop. Not all applications or devices can be supported as Bluetooth is an open forum and different manufacturers adopt different standards and implementation.

Setting Bluetooth attribute

The default Bluetooth function is disabled for the phone. If you enable Bluetooth and power off the phone, this function will be disabled. After you restart the phone, this function will be enabled automatically.

1. Press **OK key [Menu]** to enter main menu.
2. Select **Bluetooth > Bluetooth On/Off** to open or close Bluetooth function.



Notes:

Start Bluetooth to allow your mobile phone to be found by other compatible devices, and you can also send files between your phone and other Bluetooth device.

My device

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Bluetooth > Find Device** to search the available Bluetooth device.
3. Or select **Bluetooth > My Device** to enter the Bluetooth device displayed list.
4. Enter the pass code when asked for permission to connect to the device. After the paired device verifies the pass code, the device will be added successfully.

Sending data

Firstly please confirm following two items:

- Enable Bluetooth function.
 - The paired device is visible.
1. Select your desired file folder
 2. Select **Options > Send via Bluetooth**.
 3. Tap the box after the file that you want to send.
 4. Tap **OK** to confirm.
 5. Tap the aim device from the device list.

Receiving data

Firstly please enable Bluetooth function.

1. If the paired device tries to send a file to your phone, one popup dialogue will appear in your screen.
2. Tap **Yes** to accept the incoming file, or tap **No** to reject the incoming file.

Modem function



Notes:

Please confirm:

- **Insert valid (U)SIM card.**
- **GPRS configuration or dialing connection is available.**

Use the parameters obtained from your service provider to complete the modem settings, connect your phone to computer with supplied data cable, then your phone can work as one external modem for the computer. Detailed please consult your service provider.

Chapter 8

Internet

Setting Internet connection

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Browser > Browser Settings** to do the following operations:

Connections	Sets the APN, preset by your service provider.
Advanced Settings	Customize the browser display modes, sound, cache, cookies, and so on.
Clear Cache	Clear all cache data.
Clear Cookies	Clear all cookie information.
Clear Autofill List	Delete all input history items.
Certificate	List the root and CA certificates on the handset.

Surfing Internet

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Browser > Homepage** to access the preset home page.
3. Or tap **Enter Address** to enter new URL address manually, and then tap **OK** to confirm.
4. Or tap the previously saved page to access the page.

Saving a webpage

If the webpage supports saving function, you can save it during visiting.

1. Select **Options > Save Page**.
2. Enter the webpage title and tap **OK** to confirm.

Viewing a saved page

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Browser > Saved Page** to access the page list interface.
3. Tap the webpage title to open it.

Bookmark

Select **Bookmark** to display a list of stored bookmarks.

Adding a bookmark

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Browser > Bookmark**.
3. Enter the title and address.
4. Tap **OK** to save the setting.

When viewing web site, you can select **Options > Add to Bookmark**, the current page will be saved as a bookmark.

Viewing history links

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Browser > History**.
3. Tap the desired link to open it.

Emptying history links

You can delete the visited history links

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Browser > History > Delete**.
3. Tick the box after the item.
4. Tap **OK** to confirm to delete the selected item(s).

Options for browser

Select **Menu > Browser > Browser setting > Advanced Settings** to do more operations.

- **Display Pic:** display the figure in network page or not.
- **Display Animation:** display the animation in network page or not
- **Font:** start intelligent display mode or not.
- **Browser Mode:** select **Simple, Full, Rapid render**, and **Text**.
- **Background Music:** play background music or not.
- **Cache Mode:** open or close buffer mode.
- **Cookie Mode:** select **Accepted all, Rejected all** or send **Prompt**.
- **Autofill Mode:** open or close Auto filling mode.
- **Script:** select network page script or not.
- **Progressive Download:** Open or close this function.

Chapter 9

Entertainment

Viewing pictures

Your handset has picture management function. The operation for pictures in handset memory or storage card includes: browsing, transmitting, setting as wall paper, adding to slide, move, rename, copy and delete.



Caution:

The preset pictures in handset can not be transmitted or deleted.

In **File Manager** you can view saved pictures. Please refer to the following procedures.

You can use following three methods to view the pictures.

- Open **File Manager** to view the photos.
 - i. Press **OK Key [Menu]** to enter main menu.
 - ii. Select **File Manager > Photos > My Pictures**.
 - iii. Tap your desired pictures
 - iv. Tap **Open** to view it.
- Active **Camera** to view the picture, detailed please refer to the chapter: ***Photos and videos > Camera > Viewing photos***.
- Active **Picture Browser** to view the picture.
 - i. Press **OK Key [Menu]** to enter main menu.
 - ii. Select **Multimedia > Picture Browser**.

- iii. Tap your desired pictures
- iv. Tap **Open** to view it.

Playing music

You can use following four methods to play a sound file.

- Open **File Manager** to play a sound file.
 - i. Press **OK Key [Menu]** to enter main menu.
 - ii. Select **File Manager > Audios > My Audio**.
 - iii. Tap your desired music file.
 - iv. Tap **Play** to play it.
- Active **Voice Recorder** to play the sound file, detailed please refer to the chapter: ***Photos and videos > Recorder > Playing a sound file***
- Active **Music Player** to play the sound file.
 - i. Press **OK Key [Menu]** to enter main menu.
 - ii. Select **Multimedia > Music Player**.
 - iii. Tap your desired music file to play it.

Playing videos

Your handset support video file recording, storage and play functions. Following three methods can be used to play a video.

- Open **File Manager** to play a video.
 - i. Press **OK Key [Menu]** to enter main menu.
 - ii. Select **File Manager > Videos > My Kinescope**.
 - iii. Tap your desired video file.
 - iv. Tap **Play** to play it.

- Active **Video Camera** to play a video, detailed please refer to the chapter: ***Photos and videos > Video > Playing a video.***
- Active **Video Player** to play a video file.
 - i. Press **OK Key [Menu]** to enter main menu.
 - ii. Select **Multimedia > Video Player.**
 - iii. Tap your desired video file to play it.

Applications

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Applications > More Games** to start downloading from default website, detailed please consult your service provider.

Chapter 10

Tools

Alarm

You can set the alarm to ring if required. Select your desired alarm to configure in the alarm list. (If there is no alarm, tap **New** icon to add a new alarm.)

- Press **OK Key [Menu]** to enter main menu.
- Select **Tools > Alarm**.
- Tap the desired alarm item to view it.
- Tap **Delete** icon to delete alarm item(s).



Notes:

If you turn the alarm on, the icon will be displayed in standby mode. The alarm will ring at the set time, even when the phone is powered off.

Calendar

You can conveniently access and modify your agenda:

- Press **OK Key [Menu]** to enter main menu.
- Select **Tools > Calendar**.
- Tap the desired date.
- Tap **New** icon to add **Appointment**, **Memo** or **Anniversary**.
- Tap **Options** icon to display more options.

- ▶ **Switch to month/week view:** Switch between month and week view.
- ▶ **Delete:** you can choose to delete former or overdue calendar item.
- ▶ **Calendar Settings:** you can set calendar alarm ringtone and week start day.
- ▶ **Memory Info.:** display the current memory usage.

World Time

You can check the current local time and date for major cities around the world.

- Press **OK Key [Menu]** to enter main menu.
- Select **Tools > World Time**.
- Tap corner of the screen to enter city list interface.
- Tap desired city to view the time.
- Tap **Query** icon to query the time of different city.
- Tap **Back** icon to quit.



Notes:

Time and date should be set to ensure the World Time function work correctly.

Calculator

The phone provides simple calculating functions, such as addition, subtraction, multiplication and division.

- Press **OK Key [Menu]** to enter main menu.
- Select **Tools > Calculator**.
- Enter numbers and calculating symbol.

- Tap **Clear** to clear the last digit you input or the results.
- Tap **Equal** to view the result.
- Tap **Back** icon to exit the calculator.

Notes

You can use **Notes** to take a note.

- Press **OK Key [Menu]** to enter main menu.
- Select **Tools > Notes**.
- Tap desired note to view it.



Notes:

If there is no notes item, tap **Add** to add a new note.

- Select **Options > Send > Via Bluetooth** to send it. Or tap **Edit** icon to edit it.

Converter

This function allows you to convert foreign currency to domestic currency.

- Press **OK Key [Menu]** to enter main menu.
- Select **Tools > Converter**.
- Tap **Currency** to allow you to convert foreign currency to domestic currency.
 - ▶ Tap **Area** to allow you to convert one unit to another unit.
 - ▶ Tap **Length** to allow you to convert one length unit to another length unit.
 - ▶ Tap **Weight** to allow you to convert one weight unit to another weight unit.

- Tap **Temperature** to allow you to convert one temperature unit to another temperature unit.

Timer

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

Timer

- Press **OK Key [Menu]** to enter main menu.
- Select **Tools > Timer**.
- Tap the time area to preset the time for countdown.
- Tap **Start** to start the countdown. Tap **Stop** to stop the countdown. Tap **Reset** to reset.

Stop Watch

- Press **OK Key [Menu]** to enter main menu.
- Select **Tools > Timer**.
- Tap **Stop Watch** icon to switch to circulate stopwatch interface.
- Tap **Start** to start timing.



Notes:

During the operation click Record to view the record time.

- Tap **Stop** to stop the timing during the operation and view the duration of time.
- Tap **Continue** to continue timing. Or tap **Reset** to reset.

(U)SIM

This function provided by your service provider, detailed please consult your service provider.

Chapter 11

Personalize your phone

Setting display

This setting allows you to configure screen display options.

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Screen**:
 - ▶ Tap **Wallpaper**, use the picture saved in **File manager** as wallpaper, displayed in standby mode.
 - ▶ Tap **Backlight Duration** to adjust backlight duration time.
 - ▶ Tap **Brightness** to adjust the screen brightness.
 - ▶ Tap **Keyboard Light** to adjust keypad light time.
 - ▶ Tap **Idle Greeting** to input owner name, displayed in standby mode.
 - ▶ Tap **Greeting** to input greeting words, displayed in power on screen.
 - ▶ Tap **Touch Screen Calibration** to calibrate.

Basic settings

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Handset**:
 - ▶ Tap **Language** to set the current display language.
 - ▶ Tap **Time and Date** to set time, date and display mode.
 - ▶ Tap **Menu Display Option** to set the main menu options.

- ▶ Tap **Feedback** to open or close slight vibration function after each successful operation.
- ▶ Tap **Default Memory** to set your default save position.

Connect

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Connect**:
 - ▶ Tap **Connection Settings** to set the connection.
 - ▶ Tap **Access Point Settings** to view the access point list.
 - ▶ Tap **PC Connection** to choose the connection method between your computer and phone.
 - ▶ Tap **Modem Settings** to set modem parameters, you can use data cable to connect handset and computer and use handset as modem. The detail parameter can refer to your service provider.

Profiles

Your handset supplies several predefined user profiles, and you can choose a certain profile according to your surrounding.

Selecting current profile

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Profiles > General/Meeting/Outdoors/Silent/Airplane** according to your current surrounding.

Editing a profiles

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Profiles**.
3. Tap desired profile and tap **Edit** to edit it.
 - ▶ Tap **Ring type** to set ring type.
 - ▶ Tap **Voice Call Ringtone** to set voice call ring tone.
 - ▶ Tap **Video Call Ringtone** to set video call ring tone.
 - ▶ Tap **Message tone** to set SMS ring.
 - ▶ Tap **Ring volume** to set ring volume.
 - ▶ Tap **Earpiece volume** to adjust earpiece volume.
 - ▶ Tap **Keytones** to turn off/on the keypad tone.
 - ▶ Tap **Warning Tone** to turn on/off the warning tone.
 - ▶ Tap **Missed Calls Tone** to set missed call notification tone.
 - ▶ Tap **Power On/Off Tone** to turn on/off the power on/off melody.

Chapter 12

Phone Security

Phone password

Handset password can protect your handset efficiently and avoid illegal usage. If handset password protection is activated, you should input the correct password in handset start-up.

For new bought handset, the protection function is not activated and the default password is 0000 .

- Press **OK Key [Menu]** to enter main menu.
- Select **Settings > Security > Activate Security Codes > Handset password** to turn on or turn off password protection.
- Or select **Settings > Security > Change Security Codes > Handset password** to change handset password. It is suggested to change the password according to your requirement.



Notes:

Please remember the password you set, otherwise your handset can not be used normally, need to contact ZTE after-sale service center.

PIN codes

PIN code is the personal identification code of (U)SIM card, used to avoid illegal usage for your (U)SIM card. Once PIN code is started,

the correct PIN code should be inputted in handset start up, otherwise the handset can only execute emergency call.

For the new bought card, the default code is supplied by the service provider.

- Press **OK Key [Menu]** to enter main menu.
- Select **Settings > Security > Activate Security Codes > PIN Code** to turn on or turn off PIN code.
- Or select **Settings > Security > Change Security Codes > PIN Code** to change PIN code.
- If input wrong PIN code continuously for three times, the handset will lock the (U)SIM card and prompt you to input PUK code to unlock.



Notes:

- **If you change PIN code, please remember it clearly.**
- **PIN2 is needed for some settings. Proceed as with PIN code.**

PUK code is the specified unlock code for (U)SIM card. When (U)SIM card is locked input the correct PUK code and then input the new set PIN code, (U)SIM card then can be used normally.

- PUK code may be supplied with the new bought card, the detail can refer to the service provider.
- PUK code can only be inputted continuously for 10 times, if input wrong PUN code for 10 times, (U)SIM card will be locked indefinitely.



Notes:

If PUK code is supplied with the new bought card, please keep it safely.

Fixed dial numbers

If you active this function, you can not dial the numbers out of list.

FDN list

This menu shows the list of the fixed dial numbers.

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Security > Fixed Dial Numbers**.
3. Tap **Status** and enter PIN2 code to open **Fixed Dial Numbers** function.
4. Tap **Dial List** and enter PIN2 code to view the list.
 - ▶ Tap desired item to edit it.
 - ▶ Tap **Add** icon to add a new item.
 - ▶ Tap **Delete** icon to delete item(s).

Restoring factory settings

Restoring factory settings can recover all the items in **Settings** menu to the default values.

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Handset > Restore Default Settings**.
3. Enter handset lock code, and tap **OK** to confirm.
4. Tap **Yes** to restore factory settings.



Notes:

This function will not affect the passwords you changed in Settings menu.

5. Or tap **No** to cancel restore.

Chapter 13

File manager

Viewing a file

1. Press **OK Key [Menu]** and tap **File Manager**.
2. Tap your desired file to view it.

Deleting a file

Deleting no useful files can save memory space.

1. Press **OK Key [Menu]** and tap **File Manager**.
2. Tap your desired file to view it.
3. Tap **Delete** icon to delete the selected file.
4. Tap **Yes** to confirm to delete the file, or tap **No** to give up.

Managing folders

You can create new folder, rename folder, check folder attribute and delete unnecessary folder.

1. Rename folder
 - i. Press **OK Key [Menu]**.
 - ii. Select **File Manager > Handset/Micro SD Card**.
 - iii. Select **Options > Rename**.
 - iv. Tap your desired folder name from the name list.
 - v. Tap **OK** to confirm.
2. Check folder information
 - i. Press **OK Key [Menu]**.

- ii. Select **File Manager > Handset/Micro SD Card**.
 - iii. Tap your desired folder
 - iv. Select **Options > Folder Info** to view the folder information.
3. Delete folder
 - i. Press **OK Key [Menu]**.
 - ii. Select **File Manager > Handset/Micro SD Card**.
 - iii. Tap **Delete** icon.
 - iv. Tap the box after the file directory name that you want to delete.
 - v. Tap **OK** icon to delete.
 - vi. Tap **Yes** to confirm.

Space management

1. Press **OK Key [Menu]**.
2. Tap **File Manager**.
3. Select **Options > Memory Info** to check the space information.

Chapter 14

PC Suite

Installing PC Suite

- The software is only for Windows 7, Vista, XP (SP2&XP3) and MAC OS (10.5, 10.6) and above but can not be guaranteed to run on these systems.
 - If you get an error message “No device available in the hardware list”, please reinstall the drivers using Windows Device Manager. Or visit [Http://www.zte.com.cn/en](http://www.zte.com.cn/en) for more help.
1. **Switch your phone on.**
 2. Connect the data cable to your phone and your computer.



Notes:

- **Plug the smaller end of the cable into the connection jack at the left side of the phone, and the bigger end into the USB port of the computer.**
 - **The USB lead is unique and should not be used for other devices. (It is not the same as digital camera leads)**
3. Your pc will recognize the handset and begin the PC suite installation.
 4. Follow the prompts on screen to install the software, all required drivers are installed at this time.



Notes:

Once installed the PC Suite icon will appear on the desktop.

Uninstalling PC Suite

1. Select **Start > Program > PC Suite > Uninstall PC Suite**




Tips:


Before uninstall, please close the program.

2. Complete the uninstallation according to the prompt information.

Running PC Suite

Make sure that you connect the mobile phone to your PC correctly.

1. Double click the **PC Suite** icon  on the desktop.
2. You will be prompted to connect your device, select **F930** and click **Connect**.
3. Your phone will now automatically synchronize the content from the handset, and the PC Suite is now ready to use with your connected device.

The icon  will be on the Windows status bar if the connection is successful when the program window is minimized.



Notes:

When copying a file from your computer to the microSD card or the phone memory, you can drag the file into the corresponding folder.

Internet by PC

You can use the phone as a modem to connect a computer to the internet.

Setting PC connection

Make sure the phone is switched on and connected to the computer

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Connect > PC Connection > USB**.
3. Tap **Modem Settings**.
4. Enter the modem related information and tap **Back**.



Notes:

For The detail setting, please consult your service provider.

Connecting your PC to Internet

Before the connection, please confirm:

- Your handset is connected with PC Suite software.
 - The network and modem is set correctly
1. In PC Suite software interface select the **Internet** tab.
 2. Click **Click to connect** button to Internet go online.

Viewing Internet log

You can view internet log by month or date.

1. In PC Suite software interface, select **Internet** tab.
2. Click **Show Log** button.
3. Select view condition.
 - ▶ View by month includes: all records, last month log and current log.
 - ▶ View by date: select start and end date.
4. Click **Search** button, the view result will be displayed.

SMS by PC

With the help of PC Suite, you can create, edit and delete SMS. You can also manage SMS and mail box in your handset and (U)SIM card.

Sending SMS

1. Select the **Message** tab.
2. Click the **New** button to draft an SMS. Or select **File > New message** to draft an SMS, and the new message window will appear.
3. Click **magnifying glass** to select a contact from **Local, Phone** or **(U)SIM card**.
4. Tick the box for the chosen contacts, click the right arrow to choose.
5. Multiple contacts can be chosen, click **OK** to continue.
6. Enter your messages in text entry field.
7. Click **Send** button to send the SMS.



Tips:

If the handset is not connected with computer correctly, new SMS can only be saved in drafts.

You can enter the receiver number directly.

Receiving SMS

1. In PC Suite interface, select **Message** tab.
2. In the left fold structure tree, select **Phone > Inbox**.
3. In SMS list, select the objective one and the SMS content will be

displayed in **Detail information** field.

Managing SMS box

You can manage your SMS by the following operations.

- **Reply:** reply for the selected SMS.
- **Forward:** send the selected SMS to others.
- **Delete:** delete the selected SMS.
- **Save as:** Save the selected SMS in the computer.

Contacts by PC

With the help of PC Suite, you can manage the contacts in computer, handset or (U)SIM card, the operation includes: **New**, **Edit**, **Delete**, **Save as** and **Import**.

New contact

1. In PC Suite interface, select **Phonebook** tab
2. Select **New > New Contact**.
3. Select save position, including: **local**, **Phone**, or **(U)SIM**.
4. Complete the required information of contact.
5. Click **Save** button to finish.



Tips:

If your handset is not connected with PC Suite software correctly, the new contact can only be saved in computer.

Editing a contact

1. Select **Phonebook** tab.
2. Select the desired contact from the list.

3. Double click this record, or click **Edit** button to access **Edit contact** interface.
4. Complete to edit the contact information.
5. Click **Save** button to finish.

Synchronizing contacts

This service enables you to downloading contacts information from **Phone to PC**.

1. Select **Tools >Download**, and the **Synchronization** window will appear.
2. Select **Phonebook**.
3. Click **OK** button, PC Suite software will finish synchronization automatically.

Import contacts from Microsoft Outlook



Notes:

Only contacts in the root folder of Outlook will be copied.

1. Launch Microsoft Outlook.
2. Make sure you are on the **Phonebook** tab in PC Suite.
3. Right click anywhere on the contacts grid and select **Import from Outlook**:

Export contacts to outlook

1. Launch Microsoft Outlook.
2. Make sure you are on the **Contacts** tab in PC Suite.
3. Select the number you want to export.

4. **Right click any selected contacts** and select **Export to Outlook**.

Copy files between phone and computer

For example, transfer photos from handset to your computer using PC Suite:

1. Press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Handset > PC Connection > USB**.
3. In PC Suite interface, select the **Multimedia** tab.
4. Double click on **My Phone** in the bottom left hand corner.
5. Double click on **Photos** to expand the folder structure.
6. Double click on **My Pictures** to see the picture files on the right hand side.
7. Drag the required file from the file list and drop it into the required destination folder on the PC, and the file will be copied to the destination folder.



Notes:

- **Files can only be transferred into folders.**
- **Drag and drop is a method of copying file. Click on the file, hold down the left mouse button, move the mouse pointer to the required destination and release the left mouse button to drop the file to that location. Alternately right click on the file and use Copy and Paste from the menu.**

Chapter 15

Care and maintenance

General care

Your handset contains delicate electronic circuitry, magnets and battery systems. You should treat it with care and give particular attention to the following points:

- Do not allow the handset, battery or accessories to come into contact with liquids or moisture at any time. Do not immerse the handset in any liquid.
- Do not place the handset alongside computer disks, credit cards, travel cards and other magnetic media. The information contained on disks or cards may be affected by the handset.
- Do not place anything in the folded handset.
- Do not paint the handset.
- Do not leave the handset or the battery in places where the temperature could exceed 60 °C, e.g. on a car dashboard or a windowsill, behind glass in direct sunlight, etc.
- Do not remove the handset's battery while the handset is switched on.
- Take care not to allow metal objects, such as coins or key rings to contact or short-circuit the battery terminals.
- Do not dispose of battery packs in a fire. The handset's Li-ION batteries may be safely disposed of at a Li-ION recycling point.

- Do not put the handset's battery in your mouth, as battery electrolytes may be toxic if swallowed.
- Do not attempt to dismantle the handset or any of its accessories.
- This equipment is fitted with an internal battery, take it to a qualified service engineer when the replacement of the battery is required.
- There is a risk of explosion if the battery is replaced with an incorrect battery type. Dispose of the used battery in accordance with the manufacturer's instructions.
- Do not put a battery into a microwave oven, dryer, or high-pressure container.
- Do not contact battery directly to an electric outlet or cigarette lighter charger. Use only approved charger units.
- Do not pierce battery with a sharp object such as a needle.
- When the battery is thrown away, be sure it is non-conducting by applying vinyl tape to the (+) and (-) terminals.
- Do not disassemble or modify the battery and antenna.
- Do not drop, throw, or subject the handset to rough treatment.
- Stop using the battery if abnormal heat, odor, discoloration, deformation, or abnormal condition is detected during use, charge, or storage.
- In the unlikely event of a battery leak, keep the battery discharge away from your eyes or skin. If the leakage does come into contact with the eyes or skin, please flush thoroughly in clean water and consult with a doctor.

- Do not use a damaged or deformed battery.
- Do not solder a battery directly.
- Remove the battery whose life cycle has expired from equipment immediately.
- The earpiece may become warm during normal use. Also, the handset itself may become warm while the battery is being charged.
- When a handset is in vibration mode, the vibration can sometimes cause the handset to move.
- Be careful not to place the handset near heat sources (such as a heater) or too close to the edge of the table.
- Use a damp or anti-static cloth to clean the handset. Do not use an ordinary dry cloth or electrostatic cloth. Do not use chemical or abrasive cleaners as these could damage the casing.
- Third party equipment: The use of third party equipment, cables or accessories, not made or authorized by manufacturer, may invalidate the warranty of your handset and also adversely affect the phone's safety/operation.
- Remember to make backup copies of all important data on your handset.
- Remember to recycle: the cardboard packing supplied with this handset is ideal for recycling.



Warning:

**Caution explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the instructions.**

Aircraft safety

- Power off your phone before the airplane takes off. In order to protect airplane's communication system from interference, it is prohibited to use mobile phone in flight. If you want to use mobile phone before the airplane takes off, you 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 powered on during the flight.

Hospital safety

- Switch off your phone and remove the battery in areas where the use of handsets is prohibited.
- Follow the instructions given by the respective medical facility regarding the use of handsets on their premises.

General guidelines

- In some countries national law unapproved private copying of copyrighted material. Please check the national legislation of the applicable country concerning the use of such material.
- Many jurisdictions have laws and regulations about taking pictures in public or private areas and regarding the processing and further use of such pictures. The manufacturer encourages its customers to obey all laws and to respect the personal rights of others.

- Please check roaming agreement availability with your service provider.
- The use of mobile phones is not allowed in some radiation sensitive areas, such as hospitals, research centers and airplanes. The user is responsible to power-off the device. If there is any uncertainty, you should remove the battery from the handset.
- Observe any signs that indicate powering off your handsets, such as those near gas stations, or explosives and power off the handset/device immediately.
- If you have a heart condition, be careful with the settings of call vibration or tone volume.
- Do not allow children to play with the handset, charger or batteries.
- Do not use the handset where blasting is in progress.
- Do not try to make a call or conversation while the temperature of charging battery is above 50°C.
- Take care not to put your handset in the back pocket of your trousers or skirt and then sit on it. Also, do not put your phone at the bottom of bag where it may subject to excessive weight or Clickure. Doing so may damage the LCD and camera lens and cause them malfunction.
- The operation of some medical electronic devices, such as hearing aids and pacemakers, may be affected if a handset is used next to them. Observe any caution signs and the manufacturer's recommendations.

- Do not leave the handset discharged or without a battery for a long time, otherwise some data may be erased.
- Your phone contains metal, which may cause you an itch, a rash or eczema depending on your physical condition.

Road safety

- You must exercise proper control of your vehicle at all times. Give your full attention to driving.
- Observe all of the recommendations contained in your local traffic safety documentation.
- Pull off the road and park before making or answering a call, if driving conditions require so.
- Check if local laws and/or regulations restrict the use of handsets while driving.
- You **MUST NOT** stop on the hard shoulder of a motorway to answer or make a call, except in an emergency.
- Switch off your handset at a refueling point, such as a gas station, even if you are not refueling your own car.
- Do not store or carry flammable or explosive materials in the same compartment as the handset.
- Electronic vehicle systems, such as anti-lock brakes, speed control and fuel injection systems are not normally affected by radio transmissions. The manufacturer of such equipment can advise if it is adequately shielded from radio transmissions. If you suspect vehicle problems caused by radio transmissions,

consult your dealer and do not switch on the handset until it has been checked by qualified approved installers.

Vehicles equipped with an airbag

An airbag inflates with great force. Do not place objects, including either installed or portable wireless equipment, in the area over the airbag or in the airbag deployment area. If in-vehicle wireless equipment is improperly installed and the airbag inflates, serious injury could result.

Third party equipment

The use of third party equipment, cables or accessories, not made or authorized by the manufacturer, may invalidate the warranty of your handset and also adversely affect the handset's operation. For example, use only the manufacturer mains cable supplied with the AC charger.

Radio frequency energy

Your handset is a low-power radio transmitter and receiver. When powered on, it intermittently receives and transmits radio frequency (RF) energy (radio waves). The transmit power level is optimized for the best performance and automatically reduces in the areas with better reception.

Exposure to radio frequency energy

Radio wave exposure and Specific Absorption Rate (SAR) information:

- The handset is designed to comply with safety requirements for exposure to radio waves. This requirement is based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.
- The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using a standardized method with the phone transmitting at its highest certified power level in all used frequency bands.
- While there may be differences between the SAR levels of various **ZTE** phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.
- The SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), is 2W/kg averaged over ten (10) grams of tissue.
- The highest SAR value for this model phone tested for use at the ear is 1.34 W/kg(1g).

Emergency service



Notes:

Emergency service numbers vary by country. It helps you get emergency service from the operator.

To make an emergency call in any country:

1. Make sure that your handset is on.

2. Press **End Key** as many times as needed to clear the display and ready the device for calls.
3. Open the **Dial** and enter the official emergency number for your present location, for example, 112 (the international emergency number).
4. Press **Call key** to dial the number. Follow instructions received and do not end the call until told to do so.



Notes:

- **Tell the operator which service you require: Police, Ambulance, Fire Brigade, Coastguard or Mountain Rescue Service. Tell them where you are and remain stationary to maintain contact if possible.**
- **Due to the nature of the cellular system, the connection of emergency calls cannot be guaranteed. You should never rely solely on any wireless device for essential communications like medical emergencies.**

Declaration of conformity

We declare under our sole responsibility that the product(s) detailed in this manual, and in combination with our accessories, conform to the essential requirements of European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive requirements 3.1(a), 3.1(b), 3.2.

Information on the privacy

Camera usage and photo/audio/video recordings carried out with the handset can offend the confidentiality of the subjects. The user therefore is held to respect legislation in confidentiality matter and remains the only responsible subject in case of eventual violations of the enforced norm.

Copyright notice

The video/audio recordings you make/download are protected by copyright laws. They are for personal use only and must not be otherwise used without the permission of the copyright owner.

Chapter 16

Troubleshooting

If you encounter problems while using the phone, or if it performs erratically, you can consult the information in the chart below. If your particular problem can not be resolved using the information in the chart, contact the dealer of handset.

Problem	Possible causes	Possible solution
Poor reception	• The network signal is too weak at your current location, for example, in a basement or near a tall building, because wireless transmissions can not effectively reach it.	Move to a location where the network signal can be properly received.
	• The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	• You are too far away from a base station for your service provider.	You can request a service area map from your service provider.

Problem	Possible causes	Possible solution
Echo or noise	<ul style="list-style-type: none"> • Poor network trunk quality on the part of your service provider. 	Press End Key and dial again. You may be switched to a better-quality network trunk or phone line.
	<ul style="list-style-type: none"> • Poor local telephone line quality. 	Press End Key and dial again. You may be switched to a better-quality network trunk or phone line.
Unable to select certain features.	<ul style="list-style-type: none"> • Your service provider does not support these features, or you have not applied for services that provide these features. 	Contact your service provider.
Battery will not charge.	<ul style="list-style-type: none"> • The battery or battery charger is damaged. 	Contact the dealer.
	<ul style="list-style-type: none"> • The phone's temperature is below 0°C or higher than 45 °C. 	Adjust the battery charging environment to avoid extremes of temperature
	<ul style="list-style-type: none"> • Poor contact between the battery and charger. 	Check all connectors to make sure all connections have been properly made.

Problem	Possible causes	Possible solution
Shortened standby time	<ul style="list-style-type: none"> • The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time. 	If you are located in an area where signaling is weak, temporarily switch off the phone.
	<ul style="list-style-type: none"> • The battery is depleted. In high-temperature environments, battery life will be shortened. 	Use a new battery.
	<ul style="list-style-type: none"> • If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time. 	Change your location to one where the network is accessible, or temporarily turn off your phone.
You cannot switch your phone on.	<ul style="list-style-type: none"> • Battery power has been depleted. 	Recharge the phone's battery.

Problem	Possible causes	Possible solution
(U)SIM card error	• (U)SIM card malfunction or damage.	Take the (U)SIM card to your service provider for testing.
	• (U)SIM card inserted improperly.	Insert the (U)SIM card properly.
	• Debris on the (U)SIM card contacts.	Use a soft, dry cloth to clean the (U)SIM card contacts.
Unable to connect to the network.	• (U)SIM card invalid.	Contact your service provider.
	• You are not within the network's service area.	Check the service area with your service provider.
	• Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
You cannot answer incoming calls.	• You have activated the Call Barring feature.	Go to Settings > Call > Call Barring , and then select Cancel all call barring.

Problem	Possible causes	Possible solution
You cannot make out-going calls.	• You have activated the Call Barring feature.	Go to Settings > Call > Call Barring , and then select Cancel all call barring.
	• You have activated the Fixed Dial Number feature.	Go to Settings > Security > Fixed dial numbers and select Off to turn this feature off.
PIN Code is blocked.	• You have entered an incorrect PIN code three consecutive times.	Contact your service provider. If the service provider provides the (U) SIM card's PUK code, use the PUK code to unlock the (U)SIM card.
Unable to enter information into the phone book.	• The phone book's memory is already full.	Delete unnecessary data from the Contacts.

Chapter 17

Specifications

Handset specifications are shown in the following table.

Handset Standards	GSM900MHz, GSM/GPRS1800MHz, GSM/GPRS1900MHz, WCDMA2100MHz
Dimensions (HxWxD)	92mm*53mm*13.5mm
Weight	83g (with battery)
Display	240*320 pixels, 262 K Color TFT QVGA Screen, 2.4 inch
Back camera	3.0 M pixel camera
Extended memory	Up to 8G MicroSD card
Battery	Li-ion 1000mAh
Performance	BMP/JPG/GIF image; 3GP/MP4 video; MP3/AMR/WAV/ACC/ACC+ audio; Capture Image: up to 2048x1536, 24b; Capture Video: up to 220 x 176 ; USB 2.0; JAVA MIDP 2.0; MMS Video and Picture, Calendar, Speakerphone, Voice Recorder, Bluetooth 2.0;

Continuous idle time	Up to 200 hours
Continuous talk time	About 180 minutes
Charge time	Approximately 3 hours



Notes:

The phone's talk and idle time are based on ideal working environments. The use of extended backlighting, browser, and network conditions can reduce battery life and talk/idle time.

Chapter 18

Glossary

1. **2G** - Second Generation wireless communication system. 2G system supports low quality voice and low-rate packet-data service. 2G refers to GSM in European countries, and CDMA in America.
2. **3G** - Third Generation wireless communication system. 3G is the next generation wireless communication system that offers real-time video streaming services and high-rate packet-data service. 3G is also known as UMTS (Universal Mobile Telephony System).
3. **Access point** - Access point refers to a point through which users can connect to the network so that the users can use the network services.
4. **MMS (Multimedia Message Service)** - A message service for the handset environment, that allows videos, pictures, audio files and text to be sent between phones and dependent on network provider support, to email addresses
5. **Roaming** - Use of your phone when you are outside your home area, when traveling for example.
6. **(U)SIM** - Universal Subscriber Identity Module. Your (U)SIM is provided by service provider. It carries the authentication and service grade data for the service provider as well as user-specific data such as Contacts and SMS.

Chapter 19

Declaration of RoHS compliance

ZTE中兴

RoHS

RoHS Compliance Statement

It is hereby declared that following designated product:

Product Type: _____ WCDMA/GSM(GPRS) Dual-Mode Digital
Mogile Phone _____

Model No: _____ F930 _____

Complies with the EU directive 2002/95/EC of the European Parliament and the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ("RoHS Directive")The above mentioned part number can meet RoHS standard as below:

Cadmium (Cd)	<100ppm
Lead (Pb)	<1000ppm
Mercury (Hg)	<1000ppm
Hexavalent Chromium (Cr ⁶⁺)	<1000ppm
PBB(polybrominated biphenyls)	<1000ppm
PBDE (polybrominated diphenyl ethers)	<1000ppm

This declaration is the responsibility of the manufacturer:
ZTE Corporation

**NO. 55, Hi-tech Road South, ShenZhen, P.R.China ,
Postcode: 518057**

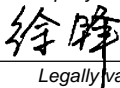
Authorised person signing for the company:

Xu feng Quality Director Of ZTE Corporation

Name in block letters & position in the company

ShenZhen, 2th Apr 2010

Place & date

A handwritten signature in black ink, appearing to be the Chinese characters '徐峰' (Xu Feng), written over a horizontal line.

Legally valid signature

Chapter 20

Information on products disposal



The symbol brought back on the equipment indicates that the refusal must be object of “separate collection”.

Therefore, the customer will have to confer (or to make to confer) the refusal to the centers of differentiated collection predisposed from the local administrations, or to deliver it to the retailer in exchange of one new equipment purchased.

The differentiated collection of the refusal and the successive operations of treatment, recovery and waste help the production of equipment with recycle material and limit the hazardous effects on the atmosphere and the health eventually caused from one improper management of the refusal.

The illicit disposal of the product by the customer involves the application of the administrative endorsements of which to article 254 and following of the D.Lgs. 152, April 3rd 2006.

According to the article, the 13, D.Lgs. 25th July 2005, n. 151 “Performance of the Directives 2002/95/CE, 2002/96/CE and 2003/108/CE, relative to the reduction of the use of dangerous substances in the equipment electronic electrical workers and, let alone to the disposal of the refusals”.

Chapter 21

EC DECLARATION OF CONFORMITY

EC DECLARATION OF CONFORMITY



It is hereby declared that following designated product:

Product Type: touch handset
Model No: F930/T930

Complies with the essential protection requirements of the Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/5/EC).

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation.

Assessment of compliance of the product with the requirements relating to the Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/5/EC) was performed by American TCB (Notified Body No.1588), based on the following standards:

