

Q550

Thank you for purchasing TCL mobile phone. Please go through this manual carefully to make the best use of your handset.

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Note: TCL reserves the right to change or improve the product's design, specifications, and other descriptions at this manual without prior notice. TCL also reserves the final explanation right for this manual.

SAFETY AND PRECAUTIONS

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- Switch off the phone in the vicinity of chemical plants, gas stations and other explosives.
- Keep the phone away from children.
- Please use the hands-free device (optional) when driving to ensure safety; unless in contingency situations, pull over the vehicle first and use the handset.
- Switch off the phone when boarding on plane and don't switch on the phone at the flight.
- Be careful when using the mobile phone in the vicinity of devices, such as pacemakers, hearing aids and electro-medical equipment, which may be influenced by the mobile phone.
- No guarantee for the accessories and fitments not produced by the original factory.
- Never attempt to disassemble the phone by unauthorized persons. Contact the authorized supplier at your region when you meet the trouble with your mobile phone.
- Don't recharge the handset without installing battery.

1

SAFETY AND PRECAUTIONS

- Charge the phone necessarily under the well-ventilated and environment of good heat sinking, and keep away from inflammable and high explosive articles.
- To avoid demagnetization, keep the handset far away from magnetic substances, such as magnetic discs or credit cards.
- Ensure to keep the handset away from liquid. Take the battery off once soak or erosion happen and contact the supplier.
- Avoid using the phone under the temperature environments too high or too low. Never leave the phone exposed under the direct sunlight or in the environments with high humidity or dusty.
- Do not use liquids or damping cloth with strong detergents to clean the handset.

<Note>: The user manual is the operating instructions based on the operation mode under simple Chinese, while it is somewhat different under English operation mode.

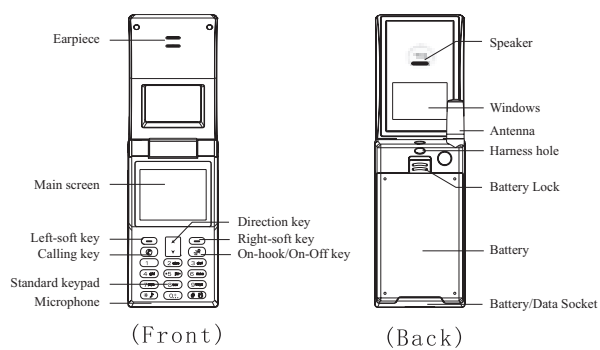
<Warning>: The original factory will not take any responsibility in the case of noncompliance with the above advices or improper use of the handset.

<Attention>: Please send used li-ion batteries to specified locations or return them to our company. Do not dispose of the batteries into wastebins.



- The handset has 18 keys. A built-in vibrating motor, an earphone jack and a recharge/data transmission interface.

Profile schematic layout of handset TCL Q550



MODEL/SPECIFICATION	TCL Q550
Size	77.0×42.0×20.7mm
Dimensions	Approx.65cm3
Display	65k Color screen
Weight	Approx.65g (Use the battery standard supplied)
Type of SIM*	3V small card
Network system*	GSM 900/DCS 1800Dual Band
Phone book capacity*	200 pieces in handset
Automatic redial*	Yes
Vibrating motor/Backlight/Chord	Yes
Call divert/Call barring*	Yes
Call waiting/Conference call*	Yes
Received call display*	Yes
Call metering/Fixed dialing number*	Yes

SPECIFICATION SCHEDULE

3

MODEL/SPECIFICATION	TCL Q550
WAP/GPRS*	Yes
Calculator/Calendar/Memo	Yes
Received call guard	Yes
Phonebook/Group	Yes
EMS/STK *	Yes
File browsing system	Yes
English entry method	Yes

Remarks: The function with "*" means it needs the support of network or SIM card.

► **What is SIM?**

When registering your mobile phone number, you will have a SIM card (Subscriber Identification Card) provided by the network supplier.

With the SIM card, storing many parameters required for communications, you can use the various functions of the handset, and save personal information, including PIN (Personal Identification Number), phonebook, short message and other extra system services. Use the SIM card carefully, do not distort or press hard to the card. In case of missing, ask the operator for solution.

Note: Do not leave your SIM card within the reach of small children.

► **Installing the SIM card**

Switch off your phone before installing the SIM card. To install the SIM card at the back of the handset, follow the steps below:

1. Turn the handset over and remove the battery by pulling up the battery lock. See Fig.3

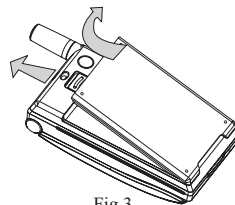


Fig.3

2. With the hard contacts of the SIM card downward and the unfilled corner against the one within the groove, put the card into and push gently downward, until not move. See Fig 4.

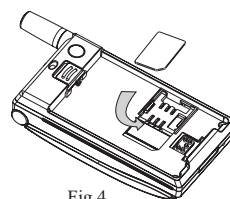


Fig 4

3. Insert the bottom of the battery into the set groove of the handset, and push it down until the top latch of the battery is locked. See Fig 5

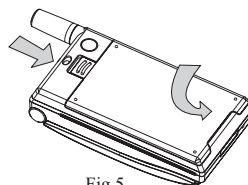


Fig 5

► **PIN code**

This is the personal identification code for your SIM card. If your phone applies PIN code protection function, the screen will indicate "Enter PIN1 code" when you switch on your phone.

You can acquire the PIN 1 code while obtaining the SIM card from your network supplier. Usually the PIN 1 code is 4 digits. During entry of the PIN 1 code, the screen will display * to substitute the input content.

► **PIN 2 code**

It is a personal identification code required when using specific functions e.g. charging information, etc. submitted by the network.

<Warning>: If the wrong PIN code is entered for three times consecutively, the SIM card will be blocked. Please contact your Network supplier immediately for decoding. Trying to decode by yourself may possibly result in the SIM card permanent failure

► **Charging the battery**

- The handset is powered by a rechargeable battery.

Note: A new battery will reach its nominal capacity after fully charged and discharged for

3 times (charging 14-16 hours each time). We suggest you charge the battery by normally using up the power As to switch off the handset automatically.

- In order to use the battery in optimum mode, you can fully discharge the battery once for each month by using up the power as to switch off the handset.
- In course of charging, it is normal to find the battery warm up slightly. The handset can automatically self-protect so as to suit for the temperature.
- If the warning tone of low battery is on, the handset will give off sound of "ticktick, ticktick" and displays warning information of " low battery" on the screen as the battery close to used up. When the power has run out the handset will switch off automatically.
- Be sure to switch off the handset before unloading the battery, otherwise, the lifespan of the handset will be affected and the data saved inside and no saved in the SIM card be lost possibly.

Type of battery	Standby time	Talking time
Li-ion battery	50-150 hours	150-250 minutes

Note:

Actual time of usage for the battery varies according to operation mode, network settings and talking position.

► Procedure for battery charging

- Connect the charger to a main socket, and insert the charging plug into the bottom jack of the handset in the right direction. There is a direction sign on one side of the plug, the side facing upward is the right direction.
- The handset will start charging after well connected. The battery icon will animatedly display the charging process. The handset can be charged under both on and off status.
- When fully charged, the course of charging stops automatically, and the battery icon indicates full grid on the screen. Then unplug the handset from the cable by pressing the buttons on the both sides of the plug to remove the plug.

Note:

-To ensure safety usage, neither change the parts and fitments of the battery by yourself nor unwrap the battery.
-We suggest you use only the battery and the charger supplied with your phone by TCL, so as not to do the damage to your handset.





► **Communication control keys**

- Calling key is used to make a call (if a number entered or under the status of phonebook), and also to answer an receiving call. During standby mode, press the key to display the latest call records (all answered, missed and dialed calls, max.30 numbers). You can press this key twice in series to make a call of the last numbers dialed.
- End key is used to end a call (in calling and conversation status), or to quit the menu to return standby mode. Holding down the key for 2 seconds or so can turn on or off the handset.

► **Direction keys and soft keys**



During standby mode, press Up/Down direction key to access main menu or browse menu items. Press the left-soft key to directly access phonebook while the right-soft key is all-purposed shortcut key. During menu operating, the functions of the both soft keys are displayed on the bottom line of the main screen, which related closely to the current state of the mobile phone.

► Numeric keys


Keys from  to  ,  and  are used to dial numbers and enter passwords, English letters, symbols, etc.


And also to select menus.

For international call, holding down  key in standby mode to enter symbols of "+".


By holding down  to  keys for 2 seconds or over, you can quickly dial out the phone number correspondingly to the shortcut key. (You can define these shortcut keys in the directory editing process) Displaying pattern of the main screen (Icon alternations without further notice)


There are 7 icons in total on the first line of the screen:


 Antenna.


 Strength of signal.

 GPRS icon.

 Alarm clock is started or working.

 Short message prompt.


 Battery indicator.

 Ring. The icon here varies according to alerting mode, which can also be 3 icons as


follows:


 Ring after vibrate.

 Vibrate.

 Mute mode.

In addition, during the handset's operational process, there are some symbols according to help you operate and use the phone, which are:

 Phonebook icon stored in the SIM card.

 Phonebook icon stored in the handset.

 Menu.





► Languages and the Entry method

The handset provides English entry methods. Please refer to the paragraphs in regard to English editor for specific operation, and you can understand in detail the way for different entry methods and conversions between them.

► Receiving prompt modes

With a built-in vibrating motor and a buzzer, the handset can offer the following prompt

modes for receiving calls:

-  Ring only.
-  Vibrate only.
-  Ring after vibrate.
-  Mute.

► **STK function**

The handset supports STK (i.e. SIM ToolKits) function, with the specific menu items co-determined by SIM card and the network. The function is available when the STK service is provided by the network and your SIM card supports the STK function, and the STK menu will add automatically to the end of the handset's main menu accordingly.

► **Group**


The groups in the handset are divided into family, friends, coworkers, schoolmates, vip, others, etc. A user can set up different ring of receiving calls against each group. In group setting, the user can also shield the numbers from a certain group, so as not to display the numbers when accessing the phonebook list and protect the personal data.

► **Term description**

Domestic call

Please enter an area code and a phone number to be dialed out.

International call

Holding down  key until occurring "+", and enter the country code, the area code and the phone number.

Emergency call

You can enter emergency call emergency call for help whether or not there is a SIM card (Subscriber Identification Card) in the phone.

IMEI

International Mobile Equipment Identify. Switch off the handset and unload the battery, you can see the bar code label with this code at the back of the handset. The code stored in the handset can be displayed by entering "*# 06 #" in standby mode after the handset is on. No matter which brand of cellular phone worldwide must be printed with this identification code, and the IMEI code for each handset is globally unique without repetition with another.

Enhanced Full Rate Coding (EFR)

The handset has the "Enhanced full rate coding" function, which needs no presetting, the handset can detect the network system automatically. If this service is provided by your network, the handset can automatically actuate the function to supply you sound quality with high fidelity.

► **Switching on**

Holding down On/Off key can switch your handset on (or off) .It will automatically search the network if no cryptoguard for the SIM card and the handset.After the handset has been registered in the network, the network's name displays on the screen. And now you can dial out or answer a call.

Your handset remains in searching status if not finding the network system available.

If the screen displays "Please insert SIM card" after it is on, please switch the phone off by pressing the End key, and check whether your SIM card is properly installed or not yet installed.

If a password or PIN code for the handset is required to enter after it is on, please enter the correct password, and * will be displayed on the screen as the content during the entry. Then press the left-soft key for confirmation.After unlocked, the handset will indicate the name of the registered network and the signal intensity.

Please contact your network supplier if you have not yet known the PIN code.

The handset default password is "1234" .

► **Switching off**

To turn off the handset, please holding down the On/Off key, the handset is off after the log-off animation is displayed on the screen. Do not attempt to switch off the phone by directly taking out the battery, which may possibly result in memory loss of the SIM card and the handset.

► **Making a call**

For international call, use "+" to substitute "00", enter a whole numbers, and push the calling key to dial out a call.

The right-soft key is used to delete the last digit of the number, pressing it for a while clears all the entry. When the communication is established, call timer will be seen on the screen.

► **Volume control**

Increase or decrease the volume during a conversation by pressing the side keys.

► **Answer a call**

When an receiving call available, the handset will remind you in the way of ringing, vibrating, or picture for receiving according to the handset's settings.

To answer a call, press the calling key.

To refuse a call, press the end key.

Note: If you preset the function for flipping & answering, you can answer a call by flipping the cover.

If you apply for the service of receiving call number identification, the phone number of the receiving call will display on the screen. case the number has already been saved in the phonebook, the name will also be displayed on the screen.

The way to end a call is similar to the above one.

► **Dial with shortcut key**



You can customize 9 shortcut keys corresponding to 9 phone numbers in the phonebook (refer to Use of Phone Book for detail information). In this case, you can make a quick call as long as holding down **1** to **9** key in standby mode.

Note: For speed dialing, you have to push down key (1-9) for 2 seconds or over. If the shortcut key pressed is not defined in phonebook, then you can not dial out.

► **View last numbers**

The handset can save 30 latest communicating numbers. Pushing down the calling key in standby mode can display the latest numbers. You can press the calling key to directly dial out the number by selecting the number required with the direction keys.

► **Send DTMF tone**

When DTMF tone function has been set, the numeric key you entered from the keypad and  &  key will be transmitted to the recipient as DTMF tone in a communication. If you do not apply such a function, you cannot dial an extension.

► **Microphone silence function**

There is a prompt in the lower right corner of the screen during the communication, pushing the right-soft key to close the microphone, in this situation, the recipient cannot hear you, but you can still hear him. (the earpiece is still on), press the right-soft key twice to enable the microphone, press the on-off key hang up current call.

► Call holding

If you have subscribed to the value-added service of call holding, the following function menu will occur by pressing the left-soft key during a communication.

- Volume: To adjust sound volume.
- Hold: To hold an ongoing call, then make another call.
- Hang up current call: To end the current call.
- Mute: To shut down the microphone.
- On /Off DTMF: To preset whether to dial an extension or not.
- Conference call: To access conference call from here.
- Phone book: To access the phone book.
- Message: To access the message.

If now making another call, the last call will be put on hold and the current call activated. Pressing the UP/Down direction key can switch between the two calls. If the current call is on hold, another function menu can occur by pressing the left-soft key during the call:

- Volume: To adjust sound volume.
- Switch: To put an ongoing call on hold, and activate the call on hold.
- Hang up current call: To end the current call.
- Mute: To shut down the microphone.

- On /Off DTMF: To preset whether to dial an extension or not.
- Conference call: To access conference call from here.
- Phone book: To access the phone book.
- Message: To access the message.

Pressing the end key can hang up a connected call.

► **Read a short message quickly**

When you receive an unread short message, the main screen displays a list, you can access the list to read the short message by pressing the left-soft key.

► **Missed calls**

When you receive an receiving call without answering, the main screen will display a list, you can access the list to view the unanswered call.

► **Connect to voice mailbox**

The handset allows you to forward the receiving call to a voice mailbox., Then you will receive information regarding a voice message available(The number of the voice mailbox center must be preset) .

7.1 Messages

Short message function is a network service. To transmit and receive short messages, maybe you are required to subscribe to the service from your network supplier in advance. The handset supports the short message function. A message is sent to the short message center of the network, then to the targeted user (a GSM user) by the network. If the targeted user does not log on or fails to receive the message (full memory), the network will temporally store the message for a period which is codetermined by the settings of the sending user and the service supplier.

The mobile phone supports not only the normal short message service, but the enhanced short message service (EMS), by which the messages with attachments e.g. inserted pictures, ringing, and animations, etc. can be transmitted and received.

If the memory of short message is not full, a message will be saved directly in the SIM card.

While a flashing icon will occur on the top row of the main screen if the memory is full.

If the recipient has already received the message, your handset will sound an alert tone (if on preset for the message receiving prompt).

【Inbox】 : You can view the received messages in Inbox.

■ Edit: To access short message edit box

- Delete: To delete the current messages.
- Forward: To forward the message to another person directly.
- Save: To save the received message in the folder under "File browser "of you handset.
- Text reply: To reply to the received message in text.
- Voice call: To reply to the received message in voice.
- 【Outbox】 : You can read the messages stored here.
- 【Write messages】 : You can create a message in this menu.
- 【Message Setting】 :In this menu, you can preset some parameters of message function.
- Message center: To sent a message, you must enter the number of the local short message center in advance,which is provided by the network supplier.
- Message lifetime: The valid retention time of a message.
- Message format: You can select the type of message.
- Send report:To give information about the message.
- Mailbox protection:You can set a code to protect your mailbox
- 【Voice mail】
- Get v -mail: To call a voice mailbox, you have to preset the number of the voice mailbox center in advance.The number is provided by the network supplier.
- Voicemail settings: The setting of the voice mailbox.
- 【 Info message】 : Cell broadcast is the information services to all GSM users in a

specific locale sent by the network supplier, such as weather forecast, transportation conditions, etc.

- Setting : To preset cell broadcast
 - Language selection: To select a language for cell broadcast display
 - Preset band: To preset the band of cell broadcast
- 【Used space】: Show that the status of the memory used of SIM card

7.2 Internet

► WAP function

The handset provides WAP browser ver.1.2.1, it's convenient for you to surf the Internet. To use this function, you have to firstly obtain an admission by registering from the network supplier, with the associated options well-preset, you can use it

【Home page】: If the parameters for Internet access preset, you can directly link to web sites, otherwise, you need to access Setup / Link setting to preset the network parameters.

【Restore】: Logon to the web page browsed last time

【Favorite】: You can save the interested websites in the favorite fold.

【Enter address】: Enter the website you want to access, and press the left-soft key to start linking to the web page

【Setup】 : You have to do a series of settings correctly in this menu to access and surf the Internet successfully.

- Link setting: There are 4 default configurations in the menu, by activating any of them you can directly access and surf the Internet, and also modify the configurations per your requirement. Please contact the local network supplier for specific parameters.
- Safety certificate: The certification information or identification code downloaded from the server when surfing with WAP.
- Cache mode: Includes two options i.e. non-refreshing and overall-refreshing, when visiting webs with WAP, the former picks up data firstly from the cache, while the latter reads data directly from the servers.

【Clear temporary data】 : The web contents browsed lately are saved in the cache, the same web page will be withdrawn directly from the cache when browsed again, so as to spare time and money. Clearing temporary data is exactly to clean out the web contents which was downloaded from the Internet and saved in the cache.

【Version information】 : Here you can check the version number of the WAP browser.

For example:**GPRS link**

After reaching WAP interface, access setup menu "Link settings", and select "Setup configuration" after choosing a configuration named "sohu", then edit the home page first, to enter the name of home page "HTTP://WAP.SOHU.COM", and select "GPRS" in "Link type" to configure "GPRS link". Generally, the settings are provided by the network supplier for which the parameters usually are as below:

IP address	010.000.000.172
Link type	GPRS
APN	cmwap
User account	wap
Password	wap

Then return "Link settings" interface and click "Activate configuration".

And then return "WAP function" homepage and click "Homepage" to visit.

(If any change of the parameters by the network supplier, the above parameters shall be changed accordingly.)

In the course of web-browsing with WAP, you can press the calling key to pop up browser

menu options, including :

- Stop: To cancel the linkage to a web page.
- Back: To return the web page visited last time.
- Bookmark saved: Favorite list.
- Add as bookmark: Save the current web page as a bookmark.
- Input address: To enter the web page address to be visited.
- Homepage: To link to a homepage.
- Top: To go to the first page of the current web page.
- Refresh: To re-link to the current web page.

7.3 Phonebook

The handset provides two kinds of memory: in the SIM card and in the handset. The storage of the SIM card depends on the type of the SIM card.

Enter a train of numbers in standby mode and press the left-soft key to save. The interface for name input occurs after the type chosen by the user for the number. If entering nothing, you can press directly the left-soft key to access phonebook list. Now there are merely 2 options in the function menu of phonebook list: Search by name and Edit. After the user finds the corresponding name record, choose Edit, then the new added number will be inserted in the selected name record. If the name record has already contained 3 phone numbers, the prompt "Full record" will occur after the user chooses Edit, and then return phonebook list. If in name entry interface, the user enters a name information, and after pressing the left-soft key, do as the case to add a new record.

In standby mode, pressing the left-soft key can directly access phonebook, and the handset displays a number list. After a call record selected, holding down the left-soft key, the top number against the record will be dialed out.

In name list, for English records, by pressing the numeric key corresponding to the initial character of the record, you can index the records quickly. For example, for a

record named " Lancang ", due to digit 5 represents letters jkl, and after pressing the 5 key 3 times in series, the current selector bar in the list will scroll automatically to the top record initiated with letter L.

【View】: The small picture on the left of the number list means the information of the group to which the record belongs, the name information of the record is on the right.

Detailed information: To view the detailed information of the record. The detailed information includes number information, email address and QQ number information. The icon on the left of the first row displays the memory of the record, while on the right displays the storage location of record and the total records in the corresponding memory.

Search by name: To search the record matching the name by entering a name.

- View by group: To view all record of a group. Choosing the function, a group list will occur. Press Up/Down key to find the name of the group to be viewed, and then press the left-soft key to select the group. The record of the corresponding group will be listed after pressing the right-soft key.

Edit: The function is to edit the options contained in a number record.

- Delete: To delete the selected options.

- Add entry: To add a new record in phonebook.
- Add to group: The function is to add a selected record to a group; If the group space is full, then only the undefined record messages can be saved.
- **【Add new name】**:To add a new record in phonebook.If the user selects saving mode as "Selecting when adding entry", then a selective list will occur to indicate the storage location when in "Add entry";otherwise, save the record directly in the selected memory by the user.
- **【Setting】**:To preset the number records
- Group setup: To select a type of group and preset ringing for the select group.If you haven't chosen any group, the handset will prompt "List empty" when you view the phonebook records.
- Saving mode: The storage location or mode of the record when presetting Add entry.
- Phonebook lock:You can set a code to protect your phonebook.
- **【Used space】**:To view the present service condition of the phonebook, including memories of the SIM card and the handset. The indicating formats are "Used space/ Total usable space".
- **【Speed dial list】**: With this function you can view the records saved in the speed dialing list.

7.4 Recent calls

With this menu you can understand the latest call situations.

【All calls】 : The answered numbers and the dialed numbers, and their call time and call duration are displayed. While for missed calls, numbers, receiving data and time are just displayed.

【Missed calls】 : To display all the phone numbers, receiving time and date of missed calls.

【Received calls】 : To display all the phone numbers, call time and call duration of the answered calls.

【Dialled number】 : To display all the phone numbers, call time and call duration of the dialed calls.

【Call information】 : To display some call information.

Call charging:

- Last call: With this function you can enquire the fee of last call;
- All calls: With this function you can enquire the fee of all calls;
- Reset: With this function you can clear the call charging records;

Unit charging: With this function you can enquire and preset the unit of call charges;

Max.charge: With this function you can enquire the top call charge.

Call timing:

- Last call: With this function you can enquire call time of the last call;
- All calls: With this function you can enquire call time of the all calls;
- Reset: With this function you can clear the call time records;
- Delete record: With this function you can delete all the call records.
- **Note:** Call timing/charging is a network function which needs the support of the network supplier.

7.5 Settings

【Phone settings】 : In this menu, you can preset the options of the handset, i.e. language, main screen, sub screen keypad lamp, etc.

- Language selection: To choose the language used for display.
- Universal key define: The shortcut key to define the right-soft key
- Standby frame: To preset your favorite pictures as standby frames.
- Lamp light preset: To preset the main screen backlight lamp, the sub screen backlight

lamp, the keypad lamp, etc.

- Contrast setting: Adjust the contrast of the screen as you like
- My phone number: To preset the number of your handset, which depends on the SIM card.
- **【Voice setting】** : Turn on/off the voice when you power on/off the handset and the man voice.

【Audio profiles】 :

- Select: You can preset different situation mode per your requirement.
Usually the following modes are provided for the handset exworks:
 - Normal mode: Adaptable to the general setting at normal status.
 - Outdoor mode: ring and vibrate simultaneously.
 - Conference mode: vibrate only for alerting, no ring.
 - Vehicle mode: Ring only for alerting.
 - Silence mode: No ring and no vibration.
- Edit: Select any mode above and edit it:
 - Ring selection: Preset your favorite chord ringing to alert for receiving calls.
 - Ring volume: To adjust the ringing level.
 - Call volume: The function setting same as ringing setting.
 - Key volume: The function setting same as ringing setting.
 - Low battery warning tone: To provide an alerting ringing when the battery has less

power.

Vibrate: To actuate or shut down the vibrating mode.

Short message alert tone: If On is set for the function, the handset will give off alert tone when receiving a message.

DTMF is Dual Tone Multi-frequency. When DTMF tone function has been set, the numerical key and (*D) and (#B) key entered from the keypad will be transmitted to the recipient as DTMF tone in a communication. If the function not actuated, the functions such as to dial an extension number cannot be realized. Click the menu to turn on or off DTMF.

Any key answer: This function allows you to answer a call by pressing any key (excluded the on-hook key, the right-soft key, etc.).

【Call settings】:

- Show number: The function can preset whether to display the numbers of my phone and the recipient, which can be available only with the support of the network.
Show my phone number: To display your phone number when you make a call.
Restrict my phone number: To hide your phone number when you make a call.
Show receiving number: To display the number when there is an receiving call;

Restrict receiving number: To hide the number when there is an receiving call;

- Flip answer: The function can preset on-off to answer an receiving call by opening the cover.
- Automatic redial: The function can preset on-off to redial a number automatically.

【Network settings】

- Divert calls:

Call divert is a network service. You have to subscribe to the service from your network supplier to use the following functions. It can transfer a receiving call which meets condition to another phone number you specified.

The following three steps are needed to actuate it:

1. Select diverting types:

- * Divert all calls;
- * If busy;
- * If no answer;
- * If not reachable;
- * Cancel all diverting.

2. Select diverting modes:

* All services (including voice,data,fax, short messages, etc.) ;

* Voice calls;

* Data calls;

* Fax calls;

* Short messages.

* Service except short message.

3. Divert to:

* Enter the numbers to which you intend to divert.

- Call waiting: The function can set Call waiting on or off. To realize possibly Call holding and Conference call, the function must be activated in advance, however, its actual implementation needs the support of the network.

- Select network:

Setup network: You can select the preferred network to register by yourself.

Add to new network: If no network you required in the priority networks, you can define the required network here. Refer to the local network settings for exact arrangement.

Automatic search: The handset will search the alive network automatically after this

menu being selected.

Manual search: You can set the type of network by yourself.

【Security settings】: To access this menu, entering the password of phone lock is needed, which defaulted as "1234".

- SIM password: To turn on or off the SIM card lock.

- Handset lock :

Phone lock is a password with 1 -12 digits, defaulted as "1234" exworks.

On: This menu actuates the phone lock function.

Off: This menu shuts down the phone lock function.

Change password: You can change the defaulted password "1234 "into a 1-12 digit character for your remembering easily.

If the phone lock setting is On, the handset will show you "Phone locked" when switched on. To unlock, you can enter you phone lock password per the prompt, and confirm by pressing the left-soft key to unlock.

- Handset call barring

Call barring function can restrict the calls which meet some conditions.

Bar receiving calls: To preset the function to enable or forbid all receiving calls.

Bar outgoing calls: To preset the function to enable or forbid all or some outgoing calls.

All calls: With the function to restrict all outgoing calls.

Preset index: With the function to restrict the listed outgoing calls.

In the preset index, the phone numbers stored are the ones you intend to restrict outgoing, which are a few of the top digits beginning from the first one. When successfully preset, the numbers beginning with the bits of the digits can not be dialed out.

Off: With the function to cancel the restriction of all outgoing calls.

■ Network call barring:

To use the following functions, you have to apply for this service from your network supplier.

The following 3 steps are needed to preset call restriction:

1 .Select the scope of call restriction:

Home calls;

International calls;

All calls;

International roaming receiving calls;

All receiving calls;

Off.

2. Limited service catalogs

All services (including voice call ,data,fax, short messages, etc.) ;

Voice call;

Data :

Fax;

Short message;

Service except short message.

3. Select on/off function and confirm by pressing the left-soft key to remind you of entering the network password (provided by the network supplier) .

Fixed dialing:You only dial the phone that stored in the fixed dial list.

【Reset settings】 : To restore some settings of the handset to the status exworks.

7.6 Tools

The handset provides tools such as file browser, notepad, calendar, calculator, receiving call guard, etc.

【File viewer】

Mainly used to manage the files in memories, and list each of the downloaded file saved in the file system for your browsing. Meanwhile, you can delete, copy, rename files and folders, as well as create new folders in memories.

The magnetic disc in the handset can be divided into different partitions with settings of different paths. You can preset different sub-paths with different files under each path, for example: short messages, pictures, animations, chord music, etc. Access file browsing index by pressing the left-soft key.

In the directory, 2 menus, Information and Create, occur by pressing the left-soft key.

- Attribute: To provide type of files, total space, residual space, etc.
- New folder: To create a new folder under the current directory.

Under the directory, press the calling key to open the directory and access the subfolder list, you can create, save, delete, edit, rename, etc. a file or a folder as required.

In the subfolder, pressing the left-soft key occurs in the following menu

- Attribute: To provide type of files, total space, residual space, etc.
- Delete: To delete the selected files or folders.
- Rename: Rename a selected file or folder.

- New folder: To create a new folder under the current directory.
Under the subfolder, press the calling key to open the directory and access the subfolder list, you can create, save, delete, edit, rename, etc. a file or a folder as required.



【Notepad】

- Add entry: The way to write when adding a new record same as writing a message.
- Browsing records: After accessing this menu, the screen lists the themes of all the records saved.
 - By selecting a record, you can view the subject contents.
 - Edit: You can re-edit the contents of the record.
 - Title: You can modify the heading of the record.
 - Send: You can send out the record in the way of a message.
 - Delete: To delete the record.

- Delete all: To delete all the records from the Notepad.

【Calendar】


After accessing calendar display interface by pressing the left-soft key;
Year, month, etc. are displayed on the first row, week on the second, the specific date of the month in the center section, and prompting messages on the last.


In calendar interface, the date shifts forward a week by pressing the up-direction key and backward a week by pressing the down-direction key; forward a week by pressing the left-direction key and backward a week by pressing the right -direction key; forward a month by pressing the  key and backward a month by pressing the  key. The selected date reverses video.

- Browse calendar: To browse the current calendar.
- Create memo: To create a new memo.
- Memo manage: To display memo entries and to create, delete, edit a memo.

【Calculator】

The calculator in the handset can carry out continuous mixing four fundamental rubes with simple, practical and convenient operations.

 key: Used to enter or switch the symbols of operation by pressing the key in succession, including pl, sub, times, div, etc.

 key: Used to enter decimal, sign of percentage, parentheses, etc. by pressing the key in succession.

【Incoming call guard】

The receiving call guard in the handset, the humanized design for you, are used to restrict

the receiving call of a/a group of phone number (s), and indicate the receiving call available in the course of receiving; after a streak, a missed call prompt will occur on the screen, and the record is saved in the unanswered call menu of the records of call. It lets you restrict receiving calls with liberty and convenience.

- **Preset numbers:** To add, view, edit, delete, delete all number(s), etc. You can restrict a group of numbers. For example, if you have restrict "139" and when all the receiving calls of the numbers initiated with "139" are available, the network will have correspondingly the voice prompt and unable to connect; after a streak, the record will be saved in the missed call menu of records of call. You can also restrict a number. For example, "07522611622", when the receiving call of the number is available, the network will have correspondingly the voice prompt and unable to connect and the handset will indicate the receiving call available; after a streak, the record will be saved in the missed call records.
- **Status:** To enquire the alive status of the receiving call guard.
- **On:** To actuate the receiving call guard function.
- **Off:** To shut down the receiving call guard function.

7.7 Game

Supply wonderful game. Detail explain is in the phone .

7.8 STK

The full name of STK is SIM ToolKit, a new service of GSM. It can provide you with smart information functions, such as information, traffick information, weather forecast, etc.The functions provided of STK depend on your network supplier.The service needs support of both the SIM card and the network.If your SIM card possesses the function with the network support, STK will add it automatically in the main menu of your handset.

The handset is used for dual-purpose in English. Not only can the menu interface display in English, but messages can be edited in English as well. With T9 English entry method, you can write, edit Phonebook and Notepad, etc. in English. The handset provides the following entry modes. In editor interface, **[0+]** key is used to switch capitalization. Press the left-soft key to access editing option menu. Clearing a character by pressing once the right-soft key, holding down the right-soft key can clear a row.

► **Smart English**

T9 Smart English Entry Method has smart associating function, the more letters you enter, the more complete words you get. Use **[0+]** key to switch capitalization. For example: pressing in series **[2] [b] [e] [s] [t]** key will enter "best ". Press the calling key to search if the displayed word is not the one you want to enter.

► **ABC Entry Method**

Compared to T9 English Entry Method, the difference of ABC Entry Method is with no associating function, you can press keys in succession time and again to enter letters

required. Enter a corresponding letter with each touch. For example: Press key to enter 'A', press key for 'D', and press key in succession to select 'A', 'B' or 'C'.
In the Entry Method, Use key to switch capitalization, and other keys to enter letters.

► **Numerical Entry Method**

In the entry method, press numerical keys to enter corresponding digits.

► **Symbol Entry Method**

In the entry method, each numeric key representing different symbols will display in the screen of the handset, press the numeric key to select the homologous symbol. Press Up/Down direction key to scroll pages.

TROUBLE	POSSIBLE REASONS
Can not be switched on	1. Need to charge the battery? 2. Battery is located correctly?
Battery can not be charged	1.Check if the charger is connected with the phone correctly? 2. The battery is usable? The battery performance will degrade due to several years' use.
Network lost	1.The signal is too weak, there may be some radio interference all round. View whether the signal strength meter on the screen fails to show vertical lines. 2.The SIM card is located correctly, poorly contact or damaged (If damaged, please ask your network supplier for replacement).
Can not call out	1.Registered in the network? Check whether the screen displays the name of your network supplier? 2.Call barring is enabled?

Can not call out	3.Calling prohibited due to call charges not paid? 4.You have activated the function of fixed dialing numbers? 5.You have enabled the "Restrict my phone number" , and was rejected by the network?
Can not call in	1.Registered in the network? 2.Receiving call prohibited due to call charges not paid? 3.Call diverting is enabled? 4.Bar receiving call in call barring is enabled?
Fail to preset functions	No support by the network supplier or need to register, please contact your network supplier.
PIN locked	Enter the PUK code supplied together with the SIM card to unlock or contact your network supplier.
PIN2 locked	Enter the PUK2 code supplied together with the SIM card to unlock or contact your network supplier.

Call meters inactive	No transferring metering pulses, please contact your network supplier.
SIM error	<ol style="list-style-type: none">1. The SIM card is dirty, clean it.2. Re-mount the SIM card.3. The SIM damaged for replacement

APPENDIX II ABBREVIATIONS AND EXPLANATIONS

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CUG	Closed user group
GSM	Global system of mobile communication
GPRS	General partitioning radio service
SMS	Short message service
SMS-CB	Cell broadcast.
FDN	Fixed dialing numbers
SIM	Subscriber identity module
PIN	Personal identity number. Supplied together with SIM card. Used to unlock the SIM card.
PIN2	Personal identity number 2. Supplied by the operator. Used as special function in protected FDN which is supported by SIM
PUK	Supplied together with SIM card. It is used to unlock the SIM card if you enter the wrong PIN code three times and SIM card is locked. You can also use it to modify PIN code.
PUK2	Personal unlock code 2, supplied together with a specific SIM card, and used to modify or enable a PIN 2 code
IMEI	International mobile equipment identity, consists of 15 numbers. One mobile

MCC	phone has only one IMEI.
MNC	Mobile country code, for example: China (mainland) is 460. mobile network code, for example: China Mobile is 00, China Unicom is 01.
Call waiting	A service supplied by the network, which allows you to receive another receiving call without interrupting the present call, but it is different from multiparty calls. You can only talk to one party while another party is held at the same time.
Call divert	A service supplied by the Network, which allows you to divert a receiving call to a specified number in difference circumstances. Normally divided into Divert all calls, If busy, If no answer and If no reachable.
Divert all calls	All receiving calls will be diverted by the network unconditionally.
If busy	Divert your receiving calls while you are already on line.
If no answer	The network will divert your receiving call if you haven't answered it in a specific duration when the handset rings or vibrates.
If no reachable	The network will divert your receiving call when the network fails to find you handset (switched off or out of the service area).

APPENDIX II ABBREVIATIONS AND EXPLANATIONS

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Roaming	It means the handset not used in the area of its local registered network.It includes international and domestic roaming. In this manual it refers to international roaming only.
STK	The full name is SIM ToolKit, a new service of GSM. It can provide you with smart information functions, such as stock information, traffic information, weather forecast, etc.The provided functions of STK depend on your network supplier.The service needs support of both the SIM card and the network.

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