

TCL T218

Thank you for choosing TCL mobile phone. To ensuring best operation state of you phone, please read this manual carefully.

Thanks for choosing TCL mobile phone.

Your phone is lightweight, easy-to-use, which looks simple, fashionable, elegant and classical. The smooth and streamline outlook completely meets the design principle.

Fashionable and simple design

Advanced Korea painting and perfect frosted materials are anti-fingerprints. Active 65K CSTN color display is noticeably brighter, 5-way navigation key can quickly access messages, games, and web functions.

Convenient functional management

The toolbox includes 5 most useful functions as multimedia, notebook, calendar, calculator and incoming call guard. The messaging function provides 200 short message capacity, phone book lock, short message lock, address saving, which make your life more convenient. Besides the and hands free speaker add values to you.

Simple and interesting games

Under the hyacinth color background, several fantastic games may provide entertainment for you, among those the Tetris and Bricks are very popular and famous all the time, which will amuse you at any time.

Personalized device

Your phone is equipped with a WAP (Wireless Application Protocol) browser to allow you to access and navigate the Wireless Web using your phone.

Personalizing your device

Your phone supports GPRS to allow you to access and navigate the wireless web, you may download different format ring tones and pictures. Supporting AMR format ring tone is an exclusive function. Various built-in 32-chord software midi ring tones are available, other wallpapers, incoming ring tones and keypad tones are preloaded as well, so that you may personalize your phone at will.

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

Attention: *For body worn operation this phone has been tested and meets FCC therefore exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guide lines.*

- **Please use hands free calling device (optional) during a drive.**

Please use hands free calling device (optional) to ensure safety during a drive. Please park the car at roadside for communications unless in emergency.

- **Switch Off the Phone Before Onboard**

Switch off the phone before onboard as stipulated. If you need to use the phone, please comply with instructions given by the aircrew.

- **Switch off the phone in hospital**

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. Don't put the phone in the frock pocket.

- **Use the accessories and fitments produced by the original factory.**

We advise you use the accessories and fitments produced by the original factory, which may ensure the best application result of your handset. Never connect to non-recognized or unfitted products. We bear no responsibility for any health accident or product damage resulted from using other accessories.

- **Use the Charger**

The temperature range for charging the phone is 0°C-40°C. Charge the phone in well-ventilated environment, and keep away from inflammable and high explosive articles. The charger design for this phone accord with the safety standard of IT technology and officer equipment. Only use to charge the phone.

■ **Forbid to disassemble the phone and battery**

Never attempt to disassemble the phone and battery, Contact the authorized supplier at your region when you meet the trouble with your mobile phone and battery. It may caused accident to disassemble the phone and battery by yourself.

■ **Switch Off Your Mobile in Places Where Explosion May Occur**

If explosion may easily occur in the environment you situated by potential factors, please switch off your mobile and strictly follow the related application rules. Please do not take out, install or recharge the battery in those places, because even a tiny sparkle produced by the battery may result in explosion or fire and cause accidental human injury or even death in those areas. Normally, signs are placed in such places as chemical factories, gas stations, fuel depots and other gathering places for flammable and explosive articles. Such environment may include places with excessively high or low temperature, humid and moisture.

Note: Not limit to the aforesaid places.

- **Pay attention when use the phone**

Avoid using the phone under the environments with temperature too high or too low. Never leave the phone exposed under the direct sunlight or in the environments with high humidity or dusty. To avoid demagnetization, keep the phone far away from magnetic substances, such as magnetic discs or credit cards.

- **Caution for Using the Battery**

Once the exposed electrode of the battery touch a conductor, the battery would has a short circuit and become very hot, which may result in property loss or human injury. Common and ordinary conductors may include jewelries, keys, pearl rings etc. Never put the battery close to any liquid, heat it, or put it in fire. Once such operations occur, it may result in an explosion. Never extrude or throw the battery.

Don't recharge the phone without installing battery.

Please send used li-ion batteries to specified locations which reclaim used batteries, or return them to our service center. Do not dispose of the batteries random.

Be sure to switch off the phone before taking the battery off, otherwise, the lifespan of the phone may be affected and the data stored in the phone such as phonebook record, call record, game, which may be lost and it may cause some problem when

switching on the phone.

- **Clean the phone**

Use clean and dry cloth to clean the surface of the phone, Do not use liquids or damping cloth with strong detergents to clean the phone.

- **Safety Instruction for Children**

Take the SIM card far away from children after removed it. Be alert that children may swallow such small articles.

- **Supplementary Functions for Mobile Terminal**

When connecting the mobile to other devices, please read the user manual of those devices for detailed safety instruction. Do not forget to keep a backup for all important data in your handset.

Note: This user manual is the operating instructions based on the operation mode under English, while it is somewhat different under other languages operation mode.

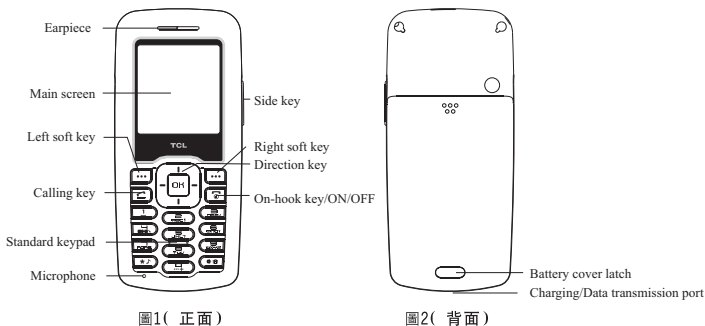
Warning: The original factory will not take any responsibility in the case of noncompliance with the aboveadvices or improper useof the phone.

Attention: Please send used li-ion batteries to specified locations or return them to our service center.Do not dispose ofthe batteries into wastebins.



- This handset has totally 21 keys on the keypad and 2 side keys. It has color screen, built-in vibrating motor and a recharge/data transmission socket.

Phone layout



► Description for Relevant Keys

Numeric keys	In standby mode, Press numeric keys from 0 to 9 to input opposite number Entry in other interface are subject to the entry method (see “Operation Instruction for Entry Method” for detail).
Calling key	Under standby mode, after a number has been entered or selected from the phonebook, press this key to dial this number. When a call is incoming, press this key to answer a call Under standby mode, press this key to go into phonebook list.
Ending key	Ending key is used to end a call or reject incoming call. Under most state, press this key to exit menu and return to standby mode. Pressing and holding the key for about 2 seconds may switch on or off the phone.
Left soft key	Select the indicated function in the bottom line; Under standby mode, press this key to fast access phonebook list.
Rightsoft key	Select the indicated function in the bottom line; Under standby mode, short press this key to enable auto keypad lock function, Long press this key can quickly enable or disable the phonebook and SMS lock simultaneously.
Direction key	Under standby mode, press up direction key to access settings ; press down direction key for Game, Press left direction key for SMS; press right direction key for Internet menu.
# key	Under standby mode, press this key to switch the scene between Profiles and meeting mode. Please refer to “Operation Instruction for Entry Method ” for the usage.
Side key	Under standby mode, press side up key to access profiles; press side down key to conceal the network name, adjust the volume during a conversation, and receive or reject a call under incoming call interface.

► Description for Mobile Icons

Icons displayed in the state column of your mobile may varied by different setting mode under standby state. Explanation below can help you to understand the implicit meaning of these icons:

Icons in the state column may include:

	Signal strength indicator	display network signal reception strength
	Battery indicator	display capacity of battery
	prompt tone type	ring Vibrate Vibrate and ring. Only light
	SMS prompt	This icon show you have new SMS to read, if this icon flicker endless, it show your SMS Inbox is full
	GPRS icon	Enable GPRS
	Alarm clock icon	Set Alarm clock
	Push icon	This icon show you have new push message to read

Otherwise, during operation, some symbols may also display for your assistance, which including:



It means SIM card phonebook.



It means phonebook in the phone.

Specification list	TCL Q580
Size	95×43.5×16.5mm
Volume	Approx.68cm ³
Screen Display	65K color screen
Weight	Approx. 71g (with standard supplied battery)
SIM Type	3V small card*
Network System	GSM 900/DCS 1800 dual band*
Phonebook Capacity	Depends on type for SIM card and 200 for the phone
Auto Redial	Yes*
Vibrating Motor/Backlight /Polyphonic Ring Tone	Yes
Call Forwarding/Call Barring	Yes*
Call Waiting/Conference Call	Yes*
Caller ID	Yes*

Specification list	TCL Q580
Call Charge/FDN	Yes*
WAP/GPRS	Yes*
Calculator/Calendar/Reminder	Yes
Incoming Call Guard	Yes
Phonebook/Group	Yes
EMS/STK	Yes*
Multimedia	Yes

Note: Functions marked with “*” require network or SIM card support.

► SIM

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

With the SIM card, which stores many parameters required for communication, you can use the various functions of the phone and store personal information, including PIN (Personal Identification Number), phonebook, message and other additional system services. Please handle the SIM card with care, twisting or pressing it may cause damage. If it is lost, please contact your network operator immediately for help.

Note: The SIM card shall be kept away from children.

► Installing SIM Card

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

1、 Turn the phone over to the back, press the battery cover latch and push downwards to open the back cover, then take off the battery. See Fig.3.

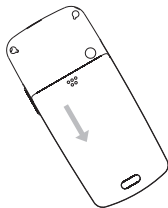


Fig.3

2、 With the metal contacts of the SIM card downward and the unfilled corner against the one within the groove, put the card into the groove gently and push it down until it doesn't move. See Fig.4.

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

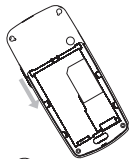


Fig.4

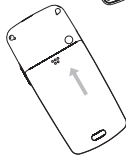


Fig.5

► PIN1

PIN1 protection function has been enabled, the screen will display “Enter PIN” when switched on.

You can get PIN1 code while obtaining the SIM card from your network supplier, which usually has 4 digits. When entering PIN1 code, the screen will display “*” to substitute the entry.

► **PIN2**

It is a Personal Identification Number required when using specific functions provided by the network, such as charge information etc.

It is Personal Identification Number used to access your SIM card. If

<Warning>: If you enter a wrong PIN1 for three consecutive times, the SIM card will be locked. Please contact your network operator immediately for decoding. Attempting to decode by yourself may result in the SIM card's permanent failure.

► **Switching On**

The phone can be switched on (or off) by pressing and holding the ending key. It will automatically search the network if the SIM card and the phone have no password protection. After the phone is registered in the network, the network's name will be

displayed on the screen. And now you can make or answer a call.

Your phone remains in a searching state if it fails to find the available network system temporarily.

If the screen displays “Please insert SIM card” after it is switched on, please switch the phone off by pressing and holding the ending key, and check whether your SIM card is properly installed..

If a password or PIN code for the phone is required after it is switched on, please enter the correct one, and “*” will be displayed on the screen as the content during the entry. Then press the left soft key for confirmation. After unlocked, the phone will display the name of the registered network and the signal strength.

Please contact your network supplier if you do not know the PIN code.

The default password of the phone is “1234”.

► **Switching Off**

To switch off the phone, please press and hold the ending key and after the switch-off animation is displayed on the screen, the phone will be switched off. Please do not attempt to switch off the phone by directly taking out the battery, which may result in memory loss

for the information not stored in the phone or the SIM card.

► Procedure For Battery Charging

- Connect the charger to a main socket, and insert the charging plug into the bottom socket of the phone in proper direction. There is a direction sign on one side of the plug. The direction with this side facing upward is the proper one. See Fig. 6.
- The phone will start charging after properly connected, and the battery icon will display the charging process dynamically. The phone can be recharged under switch-on or off state.
- When fully charged, charging process stops automatically, and the battery icon indicates full grid on the screen. After the battery is fully charged, please unplug the phone as soon as possible and take off the charging plug by pressing and holding the buttons on both sides of the plug. See Fig.7.



Fig. 6

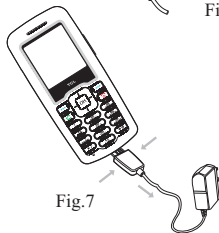


Fig.7

► **Battery capability & maintenance**

Be sure to switch off the phone before taking the battery off, otherwise, the data stored in the phone may be lost and the lifespan of the phone may be affected.

Please discharge the battery and store in a dry, shady and cool place, if don't use the battery for a long time,

Charge the phone in well-ventilated environment, and keep away from inflammable and high explosive articles.

Standby time: The standby time of this phone is 50-150 hours, The talk time is 150-250 minutes, Actual operation time of the battery varies according to operation mode, network setting and calling position.

► **About Accessory**

1. After the phone has run out of battery, we recommend you recharge in time. Please check the charger model before charging the battery.

If you did not recharge in two days, the phone may enter into slow `charging mode when you recharge the battery and there will be no display temporarily. After about 15 minutes, the charging indicator icon will be displayed on the screen of the phone.

If it's more than two days, the battery may enter into overdischarge protection state and at this time in order to get the battery into normal charging mode quickly, we recommend you charge the battery on an adapter and activate the battery for charging. Then charge the battery with the phone. Alternatively, you can charge the battery with the adapter separately.

2. To ensure safety, neither change the parts and fittings of the battery by yourself nor take off the battery shell.

3. We suggest you only use the original battery supplied with your phone by TCL to avoid any damage to your phone.

4. If you don't use the phone for a long time, Please take off the battery and store carefully.

<Warning>: Only use the recognized battery by TCL, and suitable battery, charger and related accessories for this specific model. When cutting off the power of any accessories, please unplug instead of pulling the power lead. Please consult your distributor for purchasing related accessories.

 Call function

This phone support multiple dialing functions as speed dialing and dial from recent calls, which may greatly improve your working efficiency. It can also support functions as conference call, call holding and auto redial.

Note: Conference call is subject to network support.

 Answering a call

When a call is incoming, it is prompted by a ring, vibration, vibration and then ring or caller image according to the handset's settings.

- Press the calling key to answer a call.
- Press the ending key to reject a call.

If you have subscribed to Caller ID service, caller's number will be displayed on the screen when a call is made. If the number has already been saved in the phonebook, the corresponding name will be displayed on the screen.

The way to end a call is basically the same as above.

NOTE

There is two ways to answer a call, which including press calling key or press any key to answer, press any key to answer a call is default.

If some of the contact person saved in your phonebook share the same phone number, only one of their

names would be displayed when that number is calling in.

► **Making a call**

This phone not only support making a call under standby interface, but also support:

► **Speed dialing**

You can customize 9 shortcut keys corresponding to 9 phone numbers in the phonebook (For detail, please refer to “Phonebook” paragraph). By doing so, you can make a call quickly by pressing and holding from numeric key 1 to 9 under standby state.

Note: For speed dialing, key (1-9) should be pressed and held for 2 second or more. If the shortcut key pressed is not defined in the phonebook, then you cannot make a speed dial.

► **Recent calls**

The phone can save 30 latest dialed call numbers (including missed calls, received calls and dialed calls). Press the calling key under standby state to display the dialed call numbers. You can press the calling key to dial a desired number directly by selecting it with direction key.

 Un-established Call

If a call is not established, possible reasons might be:

“Line Busy” means the called party is busy or there is no available line in the network. If automatic redialing function is enabled, the phone will redial automatically.

“Rejected” means the current call is barred, for example, when call barring function is enabled. (Please refer to “Setting/ Safety Setting/ Call Barring” for detail of Call Barring.)

If the number dialed is stored in the phone, the name corresponding to this number will be displayed on the screen.

When you want to end a call, press the ending key or right soft key.

NOTE:**Making an international call**

To make an international call, you can long press “0” key to input “+”.

Emergency call

Your service supplier has set one or several emergency call number (such as 112).

As long as locating in the service field, you can make emergency call for help in any case whether or not there is a SIM card in the phone.

► **Conversation State**

Send a DTMF Signal

When DTMF function has been set, the numerical key, “#” key and “*” key pressed will be transmitted to the recipient as DTMF signal in a communication. Setting for disabling DTMF during a conversation can prevent undesired and accidental touch of keys. If it is disabled, extensions can not be dialed.

For example, when you dialed “1861” to inquire the balance or recharge, the pressed selection keys and password of the recharging card can not be sent to the counterpart if you disable DTMF at that time, and 1861 would continue to give instructions for no keypad operation detected.

► **Handsfree**

There is a prompt at the lower right corner of the screen during a call. Press the right soft key once to enable the handsfree function, Press the right soft key again to resume to the normal call.

Call Holding

If you have registered for call holding supplementary service, then the following menu will display when pressing the left soft key during a call.

- Volume: Conversation Volume can be adjusted.
- Hold: Hold the current call, and then dial another phone number.
- End Current Call: End the current call.
- Mute: Turn off the microphone.
- DTMF On/Off: Set whether to enable the dialing of extension.
- Phonebook: Accessible to the phonebook list.
- Message: Accessible to the message list.
- Conference call: Access to conference call function.

If the user dial another phone number at this moment, the previous call will be held on and the current call be activated. Press the up or down direction key can shift between the conversations

If the current call is holding, then another functional menu will display when pressing the left soft key:

- Volume: Conversation Volume can be adjusted.

- Shift: Enable the current call to be held on, and activate the holding call.
- End Current Call: End the current call.
- Mute: Turn off the microphone.
- DTMF On/Off: Set whether to enable the dialing of extension.
- Phonebook: Accessible to the phonebook list.
- Message: Accessible to the message list.
- Conference call: Access to conference call function.

Press the ending key to hang up all connected calls.

Note:

In normal condition, after answered two calls, if there is another incoming call, you have to press the left soft key to select functions.

 Terminology**■ IMEI**

International Mobile Equipment Identification. After switched off the phone and removed the battery, you can see the bar code label with this code at the back of the phone. The code stored in the phone can be displayed by entering “*#06#” under standby mode after the phone is switched on. All brands of mobile phone worldwide must be printed with this identification code, and the IMEI code for each phone is globally unique without repetition with another.

■ Enhanced Full Rate Codec (EFR)

This phone has “Enhanced Full Rate Codec” function, with which the phone will detect the network system automatically without setting. If your network provides this service, the phone will start this function automatically, and bring you high fidelity conversation quality.

 Unread Messages

When you have unread messages, the main screen will display a lost of these messages. You can access the list to view unread messages by pressing the left soft key.

▶ **Missed Calls**

When you have missed calls, the main screen will display a list of missed calls. You can access the list to view the missed calls by pressing the left soft key.

▶ **Cell broadcast**

When a new cell broadcast not read is received, the main screen displays a list, you can enter the list to read the cell broadcast by pressing the left soft key.

▶ **Connecting to Voice Mailbox**

The phone allows you to divert an incoming call to the voice mailbox. Then you will receive a notice regarding an available voice message. (The number of the voice mailbox center must be preset first and such service must be supported by the network.)

► **Operation instruction of entry method**

This phone provides the following entry methods. On edit interface, press the  key to enter punctuation mark, press the left soft key to access edit menu, press the right soft key to delete a character, long press the right soft key to delete a line, and long press the  key to shift between the entry methods.

► **Smart English Entry Method**

The T9 smart English entry method has associating function. The more letters you enter, the more complete word you will get. Capital letter and small letter can be shifted by  key. For example: Pressing in succession key , , ,  will enter “best”. Press the calling key to select if the displayed word is not the one you want.

► **ABC Letter Entry Method**

The difference between ABC entry method and T9 smart English entry method is the former has no associating function. You can press keys in several successive times to enter the letter required. A corresponding letter is entered with each stroke. For example: Press key  to enter 'A', key  to enter 'D', and key  in succession to select 'A', 'B' or 'C'. Under this entry method, press  key to shift between capital letter and small letter, and press other keys for letters.

► **Pinyin Entry Method**

User shall enter the Pinyin of a character first. When entering the Pinyin, the user only needs to press the key where the letter located instead of pressing the key in succession to select specific a letter. Press the up or down direction key to select the desired Pinyin, press  key for options of the same sound, and the up or down direction key to select other options, then press , , , ,  key to enter the desired character. Press  key once more can enter Pinyin again.

► **Numeric Entry Method**

Under the state of this entry method, press numeric keys to enter corresponding digits.

► **Symbol Entry Method**

Under this entry method, different symbol represented by different numeric keys will be displayed on the screen. Select the corresponding symbol by pressing the numeric keys, and press the up or down direction key for flipping.

► **Message**

Message function is a network service. You may need to subscribe to the service from your network operator prior to sending and receiving short messages.

This phone supports the function of sending and receiving short messages. A short message is sent to the SMS center of the network, then the network will send it to the target user. If the target user does not switch his phone on or fails to receive the message (or when the memory is full), the network will temporarily store it for a period of time which is jointly determined by the setting of the message sender and the service operator.

This phone supports not only normal SMS, but also EMS (Enhanced Message Service) through which messages with attachments such as pictures, ring tones or animation can be sent and received.

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

A flashing  icon will appear on the top line of the main screen if the memory is full.

An alert tone of the phone can be heard if a short message is received (when SMS prompt tone is enabled).

When sending a message, access the phone number entry interface, and search directly in the phonebook by pressing the up or down direction key.

【Inbox】 : View all received short messages in the inbox.

- **Edit:** Enter into short message edit box.
- **Delete:** Delete the current short message.
- **Forward:** Directly forward this short message to others.
- **Save:** Save the received short message in the “Toolbox/Multimedia” folder.
- **Textual Reply:** Reply a textual message to the received one.
- **Voice Reply:** Dial the phone number of the short message sender to give a voice reply.
- [Outbox]: Read or process short messages saved in it.
- [Write a message]: You can create a new short message in this menu.
- [Message setting]: You may set some parameters for the short message in this menu.
- [SMS Lock]: Enter of PIN number is required for access in this menu. The default value is “1234”.
- **On:** After selected this menu, every access into the SMS menu require entry of password. The default value is “1234” (for reversing this password, access Setting/Safety Setting/PIN interface).
- **Off:** Disable the SMS lock by this menu.
- [SMS Center Number]: If you want to send a message, enter the local SMS center number provided by network operator.
- [Valid Period]: The valid save period of short messages.

- [SMS Format]: You can choose the sending type of the short message.
- [SMS Report]: Report the sending status of short messages (need network support).

【Voice Mailbox】 :

Listen to voice message: For calling a voice mailbox, the voice mailbox center number provided by the network operator shall be preset.

Voice mailbox setting: Setting of voice mailbox.

【Cell Broadcast】 : Cell broadcast is an information service for all GSM users in a specific location through sending of information such as weather forecast, transportation conditions etc. by the network operator.

Setting: Settings for cell broadcast.

Language: Choose the display language of cell broadcast.

Channel setting: Set the channel of cell broadcast.

【Usage Space】 : Report the occupied space and remained space for SMS in the SIM card.

► **Internet**

【WAP】

The phone provides 1.2.1 version WAP browser for you to surf the Internet conveniently.

You must register and obtain license from the network operator and set relevant options properly prior to using such function.

[Homepage]: If the internet parameter has been set properly, then access this menu can link the phone directly to the default website. Otherwise, the network parameter shall be set in Setting/Connection Setting.

[Resume]: Access to the previous browsed website.

[Favorite]: You can save some favorite websites in the Favorite.

- Saved bookmark: Some defined bookmarks have been pre-stored in. You cannot revise or delete them.
- Add bookmark: You can add new bookmark here.

[Enter Address]: Enter the website to be logged in, press the left soft key to link to the webpage.

[Setting]: User can go internet surfing smoothly only when properly completed series of settings under this menu.

- Connection Setting: There are several default settings in this menu. Activate any of these settings can link directly to internet surfing. These settings can be revised on your request. For specific parameter, please contact local network operator.
- Security certificate: Certification information or identity code downloaded from the

service during WAP surfing.

- Buffer memory mode: Including non-refreshing and overall refreshing options. When surfing the internet by WAP, the former one extract data from the buffer memory first, and the latter read data directly from the server.

[Erase Temporary Data]: The latest browsed internet information will save in the buffer memory. When visiting these webpage again, they will be taken out directly from the buffer memory, saves time and money. Erase temporary data is to erase the information saved in the buffer memory that downloaded from the website.

[Push Information] : When the phone recieved SMS sent by WAP network, use this function can access directly into the indicated website to view and download that received message.

[Version Information] You may view the version No. of WAP browser here.

【Example】

GPRS Connection

After access the WAP interface, enter “Connection Setting” in the Setting menu. Choose “Motion Unlimited”, then select “enable setting”, and then edit homepage by enter the homepage name “http://wap.my-fun.cn”, then select “GPRS” in “Connection Mode”, set the “GPRS Connection”. This setting is normally provided by the network operator, with

general parameters as follow:

IP address: 10.0.0.172

APN: cmwap

User Account: wap

Password: wap

Then return to “Connection Setting” interface and select “Activate the Setting”;

Then return to “WAP function” homepage and select “homepage” to access the internet.

(If the parameter provide by the network operator has changed, the aforesaid parameter shall be revised correspondingly.)

During surfing the internet by WAP, you can press the Calling key to activate the browser menu, including:

- Saved bookmark: Favorite list.
- Add to bookmark: Save the current webpage as a bookmark.
- Enter Address: Enter the address of the website to be visited.
- Homepage: Link to the homepage.
- Forefront: Back to the fist webpage of current website.
- Exit: Exit the browser.
- Refresh: Like to the current webpage again.

【GPRS Record】

The GPRS service provided by China Mobile is calculated by data flow. Through GPRS record, you can view or delete the received and sent flow of recent and all links.

 Phonebook

The phone provides two kinds of storage media: SIM card and phone. The storage capacity of SIM card depends on the type of SIM card.

Enter a string of number under standby mode and press the left soft key to save the number. After user has selected the type of phone number, the name entry interface will appear. If not enter the name information, the user can press the left soft key to access directly to the phonebook list. In this case, the functional menu of phonebook list has two items only: search of names and edit. When the user find the corresponding name record and then select Edit, then the added number will supplement to the name record. If the found name record has already three phone numbers, after the user select Edit, notice of “Number Full for This Name” will appear, and return to number entry interface.

In the name entry interface, after the user entered name information and press the left soft key, it would proceed as a new added record.

Under standby mode, pressing the left soft key may directly access the phonebook and the

phone will display phone number record list. After selected a phone record, long press the left soft key or the calling key, then the first corresponding number will be dialed out.

Under the name list, pressing any numeric key where the initial letter of a record resides can quickly locate the record. For example: For a record with the name "wangfei", since number 9 represents wxyz letters, after the 9 key is pressed for three consecutive times, the current selector bar in the list will automatically scroll to the first one of the records whose initial letter is W.

【View a Record】 The small icon on the left of the phonebook list indicates the type of phone numbers, i.e. group information, and the right side is the name information of the record.

Detail Information: View the detailed information of the record. The detailed information includes number information, E-mail address and QQ number. The left icon in the first line indicates the resided memorizer, the right icon indicates the storage location and the total number of records in that memorizer.

Search by Name: Enter desired name, and search for corresponding record.

Search by Group: View all the records in a certain group. Select this function and a group list will appear. Press the up or down key for group name to be viewed, then press the left

soft key to select the group, and then press the right soft key to view records in the corresponding group.

- **Edit:** This function is to edit the options included in a phonebook record.
- **Delete:** Delete the selected record.
- **Add:** Add a new record in the phonebook.
- **Add to a Group:** This function enable a selected record be added to a certain group. If the group space is full, then only the undefined record can be stored.

【Add a Record】 Add a record to the phonebook. If the user select the storage mode as “Select When Add Record”, then when he/she select “Add a Record”, a selection list for storage location will appear. Otherwise, the record will be stored in the selected memorizer set by the user.

【Setting】 Call Record Setting

Group Setting: Select group type, and set ring tone for the selected group.

Save Mode: The storage location or mode for a new record.

Phonebook Lock: Phone password is required for accessing this menu. The default value is “1234”.

- **On:** After selected this menu (unlock function), every access into the SMS menu require entry of password. The default value is “1234” (for reversing this password,

access Setting/Safety Setting/PIN interface).

- Off: Disable the SMS lock by this menu.

【Used Space】 View the current usage state of the phonebook, including the internal memory of the SIM card and the phone. The display format is “Used Space/Total Space”.

【Speed Dial List】 Records saved in the speed dial list can be viewed through this function.

► Recent Calls

You can learn about recent call status via this menu.

【All Calls】 : Display the received and dialed phone number, time and duration. Only display phone number, calling date and time for missed calls.

【Missed Calls】 : Display the phone number, calling time and date of all missed calls.

【Received Calls】 : Display the phone number, calling time and duration of all received calls.

【Dialed Calls】 : Display the phone number, calling time and duration of all dialed calls.

【Call Info】 : Display related information of the calls.

- Call Charge

- ◆ Last call: View the last call charge.

- ◆ All calls: View all calls charge.
- ◆ Reset: Clear call charge record.
- ◆ Price and charge rate: View and set call charge unit.
- ◆ Charge restriction: View and set the maximum call charge.
- Call Counter:
 - ◆ Last call: View the calling time of last call.
 - ◆ All calls: View the total calling time.
 - ◆ Delete record: Clear calling time record.
 - ◆ Erase record: Erase all calling record.

Note: Call charge and call counter is a network function, subject to support of the network operator.

► Setting

【Phone setting】 : You can set such options as language, keypad light etc. for the phone.

- Language: Choose the display language of the phone.
- Standby image: You can set the favorite image as standby image.
- Automatic keypad lock: When the keypad lock is enable, then the keypad will be locked automatically if none operation occur 30 seconds within the standby interface.
- Light setting: Set the keypad light, as well as the backlight duration.

- Contrast setting: Set the contrast of the LCD.
- Own number: Set own number. Its capacity is determined by SIM card.

[Voice Setting]

You can set options such as ring tone, call prompt mode, varied keypad tone, switch on and off music, SMS prompt tone, message report tone, low battery alarm, intelligent men's voice etc., which are conformed with the Standard mode in Profiles.

【Call Setting】

Call number display: View the number display state (subject to network support).

Auto Redial: Set auto redial “on” or “off”.

【Network Setting】

[Call Forwarding] Call forwarding is a network service, to which you must subscribe from you network supplier to use these function. It can transfer a receiving call satisfy the setting condition to another phone number you specified.

The following three steps shall be taken to enable this function:

1、Select Forward Type:

Forward all calls;

Forward incoming calls when your line is busy;

Forward incoming calls if you do not answer;

Forward incoming calls when your handset is unavailable;
Cancel call forwarding function.

2、Select Forwarding Mode:

- * All service (including: voice, data, fax, SMS etc.);
- * Voice call;
- * Data;
- * Fax;
- * SMS;

All service exclude SMS.

3、Forward Destination:

Enter the desired forwarding destination phone number.

[Call Waiting] Set call waiting on or off, or view the current state of call forwarding by using this function. Call holding and conference call can only be available when this function is activated, and subject to network support.

[Select Network]

Network Setting: you can select the preferential network to register.

Add New Network: If there is no desired network in the preferential ones, you can define the required network. For specific setting, please refer to local network settings.

Auto Search: After selected this menu, the phone will search the current network automatically.

Manual Setting: You can set network type by yourself.

【Security setting】 Phone password is required for access this menu. The default value is “1234”.

【SIM card lock】

PIN1 code is a password consists of 4-8 digits. You can get PIN1 code while obtaining the SIM card from your network supplier, which usually has 4 digits.

- **Enable:** This menu can enable the PIN1 code protection function;
- **Disable:** This menu can disable the PIN1 code protection function;
- **Change PIN code:** You can change PIN1 code to a catchy number with 4-8 digits(Note: Only when PIN1 code protection function is enabled, can the password be changed).

If PIN1 code protection function is enabled, the screen will display “enter PIN code” before switching on. And the phone can be switched on when correct PIN1 code is entered.

【Phone Lock】

The password of consists of 1-12 digits, the original factory default password is “1234”.

- **Enable:** This menu can enable the phone locking function;

- **Disable:** This menu can disable the phone locking function.
- **Change password:** You can change the default password “1234” to a catchy number with 1-12 digits.

If you have enable the phone lock, the phone will indicate that your “phone has locked” when switching on. If you want to unlock it, you can enter your phone password, and press the left soft key to confirm.

【Call Barring】

The call barring function can restrict calls under set condition.

- **Incoming Call Barring:** Enable or disable the restriction function for all incoming calls.
- **Outgoing Call Barring:** Enable or disable the restriction function for all or part of the outgoing calls.
- **Bar All:** All outgoing calls are restricted via this function.
- **Preset List:** Outgoing calls in the list can be restricted.

The preset list stored digits in the prior positions starting from the initial digit of the phone number that you want to restrict. When the setting is enabled, phone number starting with these digits cannot be dialed out.

- **Off:** By selecting this, all restriction to outgoing calls can be canceled.

【Network Call Barring】

The following functions are available only after registered in the network through the network operator.

Call restriction setting will be achieved by the following three steps:

1、 Select Restriction Scope:

Restrict only in China;

International outgoing calls;

All outgoing calls;

International roam incoming calls;

All incoming calls;

Cancel all.

2. Restrict Service Type:

All service (including: voice call, data, fax, SMS etc.);

Voice call;

Fax;

Data;

SMS;

All service excludes SMS.

3、 Select Required Service:

On: Enable the restriction to selected service, with prompt to enter network password (support by network operator).

Off: Disable the restriction to selected service, with prompt to enter network password (support by network operator).

State: View the current state of selected service.

【FDN】

If this function is enabled (require PIN2 code), you can make calls for phone numbers stored in the FDN list, and normal phonebook is disabled.

Note: FDN function is subject to support of the SIM card and network operator.

【Clock】

- Alarm: Settings for phone alarm.
- Date setting: Set the current date for the clock.
- Time setting: Set the current time for the clock.
- Time zone setting: Set the time zone you are located in. When the setting succeed, the clock of the phone will change correspondingly, and facilitate your travel.
- Setting: Set time/date and display format.
- Special Warning: In specific areas where the use of phone is prohibited (such as inside a plane), please remember to disable the automatic switch-on function before entering the

area to prevent unexpected accidents.

【Resume Factory Setting】 : Resume some of the phone settings to ex-factory state.

► Profiles

【Enable】 : You may set different profiles as desired.

The following modes would be provided at ex-factory time:

- Standard: Normal setting, suitable for ordinary condition.
- Meeting: Vibration only, no ring.
- Outdoor: Ring after vibrate.
- Car: Only ring tone.
- Mute: Neither ring nor vibration.

【Edit】 : Select one of the above mode and compose it:

- Ringing tones: Select the favorite chord tone as the call prompt ring tone.
- Ringing volume: Adjust the volume.
- Conversation volume: Set the conversation volume.
- Vibration: Enable or disable the vibration mode.
- Varied keypad tone: Enable or disable the keypad tone when pressing the keypad at standby interface.

- Switch on and off music: Enable or disable the music ring tone when switch on or off the phone.
 - Low battery warning: Setting for alarm in low battery state.
 - Dual Tone Multiple Frequency: i.e. DTMF. When set for sending DTMF signal, during a call, the pressed numeric keys and  and  key will sent to the recipient in the form of DTMF signal. If this function is disable, then the user cannot dial extension number. Click this menu can enable or disable DTMF function.
 - SMS prompt tone: Enable or disable the prompt tone when you phone received a short message.
 - Message report prompt tone: You can enable or disable the prompt tone when the recipient received the short message you sent.
 - Any-key Answer: By using this function, you can answer a call by pressing any key (exclude ending key and right soft key etc.).
- 【Resume Default Setting】 : Resume some of the settings to ex-factory state.

► Tools

This phone provides various tools as Multimedia, Agenda, Calendar, Calculator, Incoming

Call Guard etc.

【Multimedia】

Multimedia is mainly to manage files stored in the memorizer, and list all files downloaded and saved in the document system for browse. At the same time, you can delete, copy, rename the file and folder, as well as create new folder in the memorizer. Disk in the phone can be divided in different zones, and set in different paths. Sub-path can be set under each path for storing different files, such as: image download, ring tone download etc. Under this directory, press calling key to select the folder, or you may view the property, delete, rename files or folder, copy files, create new folder etc. as desire.

In a folder interface, press the left soft key and the following menu will appear:

- Open: Open this folder and browse content of this folder.
- Property: Show the file type.
- Delete: Delete the selected file or folder.
- Rename: Rename the selected file or folder.
- New Folder: Create new folder under the current directory.

In the subfolder interface, press calling key to open that directory, access the subfolder or file list. You may view property, delete, rename file or folder, copy files, create new folder etc. as desire.

【Agenda】

[Add Record] The compose method for adding a record is similar to writing a short message.

[View Record] After accessed this menu, the screen list the subjects of all saved records (If there is no record, “Record Empty” window will appear).

After selected a record, the content of that subject can be viewed.

Edit: You may reedit the content of the present record.

Subject: you may revise the subject of the present record.

Send: You may send the present record as a short message.

Delete: Delete the present record.

[Delete All] Delete all records in the agenda.

【Calendar】

Press the left soft key to access the calendar interface:

Under the calendar interface, press up direction key and date will go back one week, press the down direction key and the date will go forward one week, press the left direction key and the date will go back one day, press the right key and the date will go forward one day, press  key and the date will go back one month, press  key and the date will go forward one month. The selected date will display inversely.

- View Calendar: View specified date in the calendar
- Create Agenda: Create new agenda.
- Agenda Management: Display agenda records. You may create, delete and edit the agenda.

【Calculator】

Calculator in the phone can conduct continuous arithmetic, easy operate, practical and convenient.

Key: Press this key continuously can enter or shift operational signs, including plus, minus, times, divide etc.

key: Press this key continuously can enter decimal point, percentage sign, parentheses etc.

【Incoming Call Guard】

A humanized designed of incoming call guard has been adopted in this phone, for restricting the incoming calls from a certain or a certain group of phone number, as well as indicate the calling of restricted phone number. After some time, the screen will display these missed calls, and save the restricted incoming call in the missed call menu of recent call record. In this way, you may restrict incoming calls randomly and conveniently.

[Preset Phone Number] Add, edit, delete, and delete all phone numbers etc. You may restrict a certain group of phone numbers. For example, if you restrict “139”, then when phone number with starting digits of “139” calling in, the network will give a audio alert of “subscriber unavailable”, you phone will indicate this incoming call, and the missed call menu will save this calling record in recent calling record after some time. You may restrict a certain phone number also, “07522611622” for example. When this number is calling in, the caller's network will give a audio alert of “subscriber unavailable”, you phone will indicate this incoming call and save this calling record in the missed call record after some time.

[State] View the current state of incoming call guard.

[On] Enable the incoming call guard.

[Off] Disable the incoming call guard.

► Games

The phone provides some fantastic games. For specific operations please refer to the description in the games

► **STK (The specific menu name is subject to SIM card function)**

Also called STK service. STK is full in SIM ToolKit, which is a new service of GSM and can provide you flexible information function, such as stock information, traffic information, weather forecast etc. Functions provided by STK depend on network operator. This service requires support from the SIM card and network. If your SIM card card has this function and the network support it, STK will add to the main menu of the phone automatically.

Trouble	Possible Reasons
Unable to switch on your phone	1. Any power in the battery? 2. Is the battery installed properly?
Unable to charge battery	1. Check if the charger is correctly connected with the phone. 2. Is the battery usable? The performance of the battery will be degraded after used for several years. 3. The battery is overdischarged. The phone access slow charging mode after connecting to the charger, at this moment, the phone has no display information. Wait for about 15 minutes, according to the discharging degree, then the phone can be charged ordinarily.
Fail to Register to the Network	1. The signal is too weak, or there may be some radio interference round. Check the signal strength meter on the screen to see whether vertical lines are not displayed. 2. Is the SIM card installed properly, poorly contacted or damaged? If the SIM card is damaged, please ask your network operator for replacement.

Trouble	Possible Reasons
Unable to make calls	1. Is the SIM card registered in the network? Check if the screen displays the name of the network operator. 2. Is call barring enabled? 3. Calling prohibited due to call charges not paid? 4. Have you enabled the function of FDN? 5. Have you set "Not Display Own Number" and rejected by the network?
Unable to receive calls	1. Is the SIM card registered in the network? 2. Incoming call prohibited due to call charges not paid? 3. Is call forwarding enabled? 4. Is the "Bar incoming call" function in call barring enabled?
Fail to set functions	The network operator doesn't support, or requires registration. Please contact the network operator.
PIN locked	Enter the PUK code supplied with the SIM card to unlock or contact the network operator.
PIN2 locked	Enter the PUK2 code supplied with the SIM card to unlock or contact the network operator.

Trouble	Possible Reasons
Call meter invalid	No metering pulse is transmitted. Please contact your network operator.
SIM Error	1. SIM card is dirty. Clean it. 2. Reinstall the SIM card. 3. SIM card is damaged. Replace it.

APPENDIX II ABBREVIATIONS AND EXPLANATIONS

8

CUG	Closed User Group
GSM	Global System of Mobile Communication
GPRS	General Packet Radio Service
SMS	Short Message Service
SMS-CB	Short Message Service-Cell Broadcast
WAP	Wireless Application Protocol
FDN	Fixed Dialed Numbers
SIM	Subscriber Identity Module
PIN	Personal Identity Number. Usually refers to PIN1. Supplied with SIM card. To unlock the SIM card.
PIN2	Personal Identity Number 2. Supplied by the network operator. It is used when specific functions are to be performed, such as protected FDN function supported by SIM card.
PUK	Personal Unlock Code, supplied with SIM card. It is used to unlock the SIM card if you entered wrong PIN code for three consecutive times and the SIM card is locked. You can also use it to modify PIN code.
PUK2	Personal Unlock Code 2, supplied with a specific SIM card, and

	used to modify or enable PIN2 code.
IMEI	International Mobile Equipment Identity code, which consists of 15 digits. One mobile phone corresponds to one unique IMEI.
MCC	Mobile Country Code. China (mainland) is 460, for example.
MNC	Mobile Network Code. China Mobile is 00, and China Unicom 01, for example.
Call Waiting	A service provided by the network, which allows you to answer another incoming call without interrupting the active call, but it is different from conference call. You can only talk to one party while another party is held at the same time.
Call Forwarding	A service provided by the network, which allows you to divert an incoming call to a specified number according to different circumstances. It has options of "Forward All Calls", "Forward If Busy", "Forward if No Answer" and "Forward If Unreachable" available.
Forward All Calls	The network will forward all incoming calls unconditionally.
Forward If Busy	When you are in a call, the network will forward the incoming calls.

Forward if No Answer	When you do not answer the phone after the it has rang for a while, the network will forward the incoming calls.
Forward If Unreachable	When the network cannot reach you phone (switch-off or out of service area), it will forward the incoming calls
Roaming	Refer to the phone 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	Its full name is SIM ToolKit, which is a new service of GSM and can provide you flexible information function, such as stock information, traffic information, weather forecast etc.Functions provided by STK depend on network operator.This service requires support from the SIM card and network.

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