

User's Manual

Dear customer:

Thank you for choosing this mobile phone. This mobile phone incorporates the latest world advanced functions, enabling simple and convenient operation, satisfying your special requirements.

The mobile phone supports T-FLASH (memory) card and Single SIM standby. It integrates the following available functions: SMS, Camera, Tasks and Calendar, enabling you arranging your work, study and life freely; with long standby duration, as well as Alarm and Calculator, your communication will be easier and smoother; powerful File manager allows you managing the files conveniently. In addition, the chord ringtone allows you selecting music to set as ringtone; the personalized appearance also can satisfy your selection.

Note: User's Manual is used to guide the user about the functionality of the phone. Some functions may vary due to modifications and upgrades of software or due to print mistakes.

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Safety precautions



Please read and follow these concise rules carefully to prevent danger or breaking laws.



Driving safety

Do not use mobile phone when driving. Use the hands-free accessories if you have to use the phone. Put the mobile phone in the holder, instead of the passenger seat or any place that the phone will fall off.



Power off in aircraft

The interference of mobile phone will affect the flight safety and it is illegal to use mobile phone in aircraft. Please switch off you mobile phone before boarding.



Power off in the operation area of explosion

Please follow the regulations or rules and switch off your mobile phone in or near operation area of explosion.



Power off near dangerous articles

Please turn off your mobile phone at gas station or places near fuels and chemicals.



In hospitals

Please follow the regulations or rules of hospitals when you use mobile phone there. Switch the device off near medical equipment. Any wireless device, including mobile phone, will interfere with the medical devices which are not fully protected. Other electronic devices also may be affected. If you have any question, please consult your doctor or the manufacturer.



Interference

Any mobile phone might be interfered with and its performance will be affected thereby.



Professional service

Only qualified maintenance personnel can install or maintain this mobile phone. It may cause serious danger and also violates warranty clauses if you install or maintain the mobile phone by yourself.



Accessories and battery

Use manufacturer approved accessories and batteries only.



Rational application

Use the mobile phone in normal way. Do not put your mobile phone in the environment with too high temperature (higher than 60°C), for example, put it under the window which is irradiated by

sunshine directly. Please use wet or antistatic cloth to clean your phone. Do not use the cloth with static to wipe the phone.



Emergency call

Make sure that the mobile phone is switched on and in service area, enter the emergency number (e.g. 110) and press the Call key  to call the number. Report your position and explain your condition briefly. Do not end the call without permission.

Note: Like other mobile phones, the characteristics of this phone may be not supported because of the network coverage or wireless signals transmission. Certain networks even don't support emergency call. Therefore, do not depend on mobile phone only for very important communication (e.g. medical emergency). Please consult your local network operator.

About the phone

The mobile phone has 21 keys, one display, one earphone, charger/data cable port and one external memory card (T-FLASH card) interface.

Display settings

The display area consists of three parts:

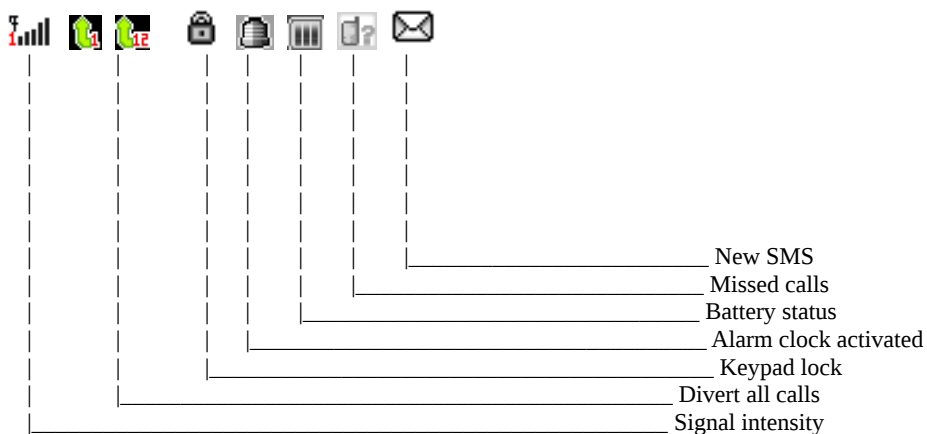
- 1> the top line displays icons, indicating the signal intensity and battery status.
- 2> the center area displays the text and figures, including numbers, words and dynamic icons.
- 3> the bottom line displays different options for operating, such as menu, names, ok and back.

Keys functions

Keys	Functions
Left soft key	Press this key to enter the main menu under standby mode; Operating: Press this key to confirm the function you choose.

Right soft key	Press this key to enter phonebook list under standby mode; Operating: Press to go back to previous menu; Reject the call.
Call key	Enter phone number and press this key to dial out; Press to answer the call when there is an incoming call; Press to enter call logs under standby mode.
End key	Press and hold this key to switch on/off the mobile phone; Press this key at non-editing screen to go back to standby screen. End the call.
Navigation keys	Press them to scroll the options when browsing a function list. In edit state, press direction keys to navigate. In standby state, press a direction key to enter the specified function page. You can also customize direction keys to match the desired functions.
OK key	Press this key under standby mode to enter main menu interface; Operating: Press OK key to confirm operation.
Number keys	Dial numbers under standby mode and enter numbers and characters in editing mode; under standby mode, press the number keys to go to specified entry.
* key	Press to use normal symbol in editing mode; Press and hold number * key to type in */+/P/W, when the international number is called.
# key	Under standby mode, press and hold this key to switch between current profile and silent profile.

Status icons



Ringtone state:  ---- ringing  -----vibrator  ----- ringing after vibrator  -----ringing and vibrator

Getting started

First call

- 1> Insert the SIM card (switch off the phone first). For detailed installation guide, please refer to “Installing the SIM card”.
- 2> Charge the battery. Refer to “Battery and charging”.
- 3> Press and hold the End key to switch on the mobile phone.
- 4> If the display prompts, enter the four-digit password and press “OK “key.
- 5> If the display prompts, enter the PIN code (provided together with the SIM card) and press” OK”key.
- 6> Enter area code and telephone number and then press the Call key.

Note: Before using the mobile phone, please insert a valid SIM card and charge the battery.

Installing the SIM card

When you register mobile phone, you can apply for telephone numbers and SIM card (Subscriber Identity Module).

With the SIM card, you can use the functions of the mobile phone. The SIM card saves the parameters required by the communication, and personal information, including PIN code (personal identity number), Contacts, short messages and other system services.

Warning: Do not bend or scratch the SIM card, or contact static, dust or water; if the SIM card is lost, please contact your network operator.

Please switch off the mobile phone before installing the SIM card. The SIM card is inserted into the rear side of the mobile phone.

Note: The T-flash card is tiny. Please keep it away from children to avoid swallowed.

If the SIM card is invalid or damaged, the phone displays “Insert SIM card”. Switch off the phone and take out the SIM card, and then re-insert it into the slot properly.

If the SIM card is damaged, please contact your network operator.

If the SIM card is locked, please contact your network operator.

Installing memory card

Since the mobile phone doesn't have enough space, you may need to install a memory card (T-FLASH card).

To install the T-FLASH card: open the rear cover, take out the battery, insert the T-FLASH card into the slot, install the battery and then turn on the mobile phone.

To remove the T-FLASH card: open the buckle and take out the T-FLASH card, and then lock the buckle.

Note: T-Flash card is tiny. Please keep it away from children. Please select qualified T-FLASH cards, such as SANDISK, V-DATA, and Transcend. Please match with the mobile phone when you purchase the card.

Battery and charging

Installing the battery

Only use qualified battery and accessories. When the battery isn't used, put it in the protective case.

Note: Please operate according to the figure to avoid damaging the battery contact.

Charging the battery

The new battery will reach its optimized performance after complete charging and discharging for several times.

Please charge in time when the battery voltage is low. Over discharging will damage the battery.

Disconnect the charger from the AC power supply and the mobile phone after charging.

While charging, the battery status icon flashes from right to left, and stops flashing after charging.

It is normal that the battery becomes warm in the charging process.

Battery status

Your mobile phone can monitor and display the battery status.

- 1> You can check the battery status from the icon in the upper right corner of the screen.
- 2> If the electricity is insufficient, the "Low Battery" prompt shows up. The mobile phone will prompt users.
- 3> During charging, the icon of battery status blinks until the charging completes.

Note: The actual standby time and call time depend on the operation, local network, and settings of the SIM card and mobile phone.

Using battery

The performance of the battery is affected by various factors, including wireless network settings, signal intensity, environment temperature, the function or settings that you select, accessories and the mode of voice, data or other applications that you select.

To keep the battery in optimum performance, please follow the rules below:

- ◆ The charging of new battery or batteries which haven't been used for long time may be longer;
- ◆ Keep the battery in room temperature when it is being charged;
- ◆ It is normal that the charging time becomes longer after long time using. If the call time becomes shorter and charging time becomes longer after normal charging, you need to change a qualified battery. Unqualified battery may damage your phone and cause danger.
- ◆ If the battery is left unused for too long time or the battery voltage is too low, it takes certain period of time to display the charging interface normally when the charger is connected.

Note: To protect your safety and the environment, do not dispose the battery randomly.

Warning: The short circuit of battery may cause explosion, fire or body hurt.

Precautions of using battery

- 1> Switch off the phone before removing the battery.
- 2> Use the battery carefully. It will cause short circuit to connect the anode (+) and cathode (-) of the battery with metal objects (coin, clip, etc.), and damage the battery and metal objects. When the battery is removed and put in the bag, do not contact the anode and cathode of the battery with metal objects (e.g. keys).
- 3> Do not put the battery in fire, or use in any place with high temperature.
- 4> Do not disassemble or refit the battery.
- 5> Do not put the battery in the place with strong mechanical impact or break through with hard object.
- 6> Store the battery in cool and dry place, and avoid high temperature (> 60°C) and direct sunlight.
- 7> Stop using if there is any particular smell or overheating.
- 8> Stop using the battery if there is any crack, distortion or electrolyte leakage.
- 9> If the electrolyte stains the skin or clothes, please wash with soap and clean water immediately; the electrolyte enters the eyes, wash with clean water immediately and go to see the doctor.
- 10> Do not use the lithium battery in low temperature, in which the battery can't get the maximum standby/call time.
- 11> Do not wash the battery with water or organic solvent, or put it in water.
- 12> Fully charge the battery if it won't be used for a long time.
- 13> You are recommended to return wasted batteries to the manufacturer of mobile phone or put them in the specified public recovery area of wasted batteries. Do not put them together with other garbage or dispose casually.

Using 2-in-1 charger (charger + data cable)

The 2-in-1 charger may charge the battery through the mobile phone.

- 1> Connect the data cable and charger
- 2> Connect the data cable of the 2-in-1 charger to the I/O slot of the mobile phone.
- 3> Connect the charger plug of the 2-in-1 charger to the appropriate power outlet.
- 4> During charging, the icon of battery status blinks until the charging completes.
- 5> After charging, the battery icon stops flashing, and you can pull out the 2-in-1 charger.

Note: If the battery voltage is too low and can't turn on the mobile phone, the charging icon may appear on the screen after several minutes. The mobile phone may be turned on or off during charging.

Warning: Make sure that the local voltage and power match the rated voltage and power of the 2-in-1 charger.

Switching on/off

- 1> Press and hold the End key to switch on the mobile phone. The screen shows the power on video.
- 2> If the phone lock is activated, please input the password and press “OK”key. The default password is 1122.
- 3> If the PIN code is activated, please input the code and press “OK”key. The PIN code is provided by the network operator.
- 4> Access standby interface.
- 5> Press and hold the End key to switch off the mobile phone.

Password

The mobile phone and SIM card have several passwords, which will prevent your mobile phone and SIM card from illegal operation. Press “OK” key after inputting the valid password (expressed in *). If there is misinput, please press the “Clear” key to delete the error and then input the correct numbers. You can change the PIN code, PIN2 code and phone password in “Settings — Security setting — SIM security/Phone security—Change password”.

Phone password

The phone password is the phone lock, which can prevent your mobile phone from illegal operation. The phone password is provided together with the mobile phone by the manufacturer. The default password is 1122. If the mobile phone is locked, you need to enter the password to turn on the mobile phone.

SIM PIN

PIN code: The PIN (Personal Identity Number) code is provided with the SIM card and will prevent your SIM card from illegal operation. If the PIN lock is activated, the screen displays “Enter PIN” when you turn on the mobile phone. While entering PIN code, the screen shows * instead. You can get the PIN code when you get the SIM card from the network operator.

PIN2: the personal identity number required by certain functions such as call expense.

PUK and PUK2 (8-digit)

You also need to input PUK (personal unblocking key) code to change locked PIN code. To change the locked PIN2, use PUK2. If the codes are not provided with the SIM card, please contact local service provider.

Warning: If you enter invalid PIN code for three times consecutively, the SIM card will be locked. In this case,

please contact the local network operator. The SIM card may be damaged permanently if you try to decode by yourself.

Disabling password

Disabling password is necessary to enable call barring. You can get this password from your network operator when you subscribe for this function.

Using handsfree kit

With the handsfree kit, you can make or answer calls without holding the mobile phone. When you insert the handsfree kit into the earphone port, the handsfree kit can be used as the handset and the microphone of the mobile phone.

Keypad lock

When the keypad is locked, the mobile phone will be locked automatically if there is no operation in certain period of time. To unlock:

- 1、 Press the right soft key and # key.

Note: When the keypad is locked, it will be invalid. If there is new call, you can answer as usual, and the mobile phone will resume the locked status after the call

Number keys

- ◆ In the dial interface, press and hold the # key to activate/deactivate the silent profile.
- ◆ In dialing interface, press and hold * key to input “+”, “P” or “W”; “P” and “W” are used to call extension and “+” is used to call international numbers.

Note: The difference between W and P: if P is pressed, it pauses for three seconds and then sends DTMF; if W is pressed, a window pops up and asks if “Send DTMF?”

Language and input methods

The mobile phone language is English. And the phone provides Multitap ABC, Multitap abc and Numeric input method. You may need to input text when you use the phone. For example, to store a name in the phonebook, write a short message or create a calendar. In edit state, press # key to switch input method of body text. And you can press * key to enter symbol selection screen.

Noun

Making a DDD

- ◆ To make a call with SIM, the “Calling” characters appear in front of the number. Once the other party answers, the screen displays the call status.
- ◆ Press the End key to end the call.
- ◆ To make a DDD: Area code + Telephone number + Dial key

Making an IDD

- ◆ If you need to make an international call, press and hold the * key until the prefix symbol “+” of international long distance call appears on the screen , and you can make a call in any country (for example, +86 in China).
- ◆ Enter the prefix number, and then enter the country code and full phone number. The country codes are according to the international tradition, and Germany is 49, UK 44, Sweden 46, etc.
- ◆ To make an IDD: “+” Country code + Complete telephone number + Call key

Calling extension

- ◆ Some extensions of fixed telephone can’t be dialed through directly and you need to dial through the exchange before dialing the extension. If you insert the pause symbol P between the exchange number and the extension number when you input the phone number, the mobile phone will complete the dialing and dial extension automatically. To enter “P”: press and hold * key (the symbol “P” appears on the screen).
- ◆ To call extension of fixed telephone (excluding +): Telephone number + P + Extension number + Call key.

Emergency call

You can always make an emergency call when you are in the coverage area of the network (you can know by checking the indicating stripe of network signal intensity on the upper left corner of the screen). If your network operator doesn’t provide roaming service in your area, you can only make emergency calls. If you are located in a

service area of the network, emergency calls can also be made without a SIM card.

Note: In certain areas, 112 (emergency call) is provided by the network operator; if it is abnormal, please contact the network operator.

IMEI

IMEI is International Mobile Equipment Identity. Turn off the mobile phone and take out the battery, and you can find the label printed with this bar code in the rear side. This number is also saved in the mobile phone. When the phone is turned on, enter “*#06#” to display the number.

Calling

When the mark of network provider appears on screen, you can call or answer the call. The signal strength is showing on the top left corner.

Making Calls

- ① Enter area code and phone number and press call key to dial out.
- ② Use right soft key to delete if there is wrong input. Press and hold right soft key to clear all characters.

Note: Obstacles give lots of effects on calling quality moving around in a small range will improve signal strength effectively.

Make an International Call

- ① Press * key for twice and sign “+” will come out. Then enter country code, area code and phone number (without a zero in front of mobile phone number) under standby mode. Then press Answer key to dial out.
- ② Please refer to “Making an IDD” about the details.

Dial Extension

Some extension numbers of fixed line couldn't be dialed directly. You need to dial telephone exchange first and then dial the extension number. Type in a P symbol between telephone exchange number and extension number, this phone will dial the extension number automatically. Follow below method to make a symbol P: short press * key for three times. Then it will display a P symbol on screen.

Making a call from the phonebook

Access the Phone Book List, scroll to search the desired number, press Call key to call the number.

Recent Numbers Redial

- ① In the standby mode, press call key to access the Call logs.
- ② Press the up/down key to reach the desired number or name and press call key to dial out.

Speed Dial

If you already set the speed dial numbers and set the status for the open, then you can long press number key 2 to 9 to dial set numbers out under the standby mode. Long press number key 1 is to dial voice mailbox if you already set the mailbox number.

Receiving a Call

- ① Press call key to receive incoming call.
- ② During a call, you can operate by pressing Left soft key: Hold, End, New call, Phonebook, Messages and so on.
- ③ Press end key to end a call.

Reject a Call

Press end key to reject an incoming call.

Options in Call

Press Left soft key to enter options are Hold single call, End, New call, and so on.

① **Call waiting:** This function supports two calls at the same time. You can dial another number during calling.

Dial another call during calling

- Press options and select making new call.
- Type in another number you want to dial. Then press Call key on screen if you want to call

② **Mute/Unmute:** If you set Mute function, then you can hear what that side is speaking but your voice couldn't be heard at that side.

Note: If the caller can be identified, the caller's name and phone number will display. If the caller can't be identified, the screen will only display the caller's number. When you use the function list or Phone Book, you can also answer a call.

Menu guide

Phonebook

You can store phone numbers on your SIM card and in your phone's memory. The SIM card and phone's memory are physically separate, but they are used as a single entity called Phone Book.

- Enter Phonebook menu. You can perform the following operations:
 - ▶ **Contacts:** View the list of the contacts.
 - ▶ **Add new contact:** add a new phone number to phonebook.
 - ▶ **Delete all:** Delete all contacts from SIM or phone.
 - ▶ **Copy all:** You can copy phonebook from phone to SIM or from SIM to phone.
 - ▶ **Owner number:** Set SIM owner number.
 - ▶ **Preferred storage:** Add the new contact to SIM card; Phone or Both.

- ▶ Memory status: Inquire phonebook memory status in SIM and phone.
- ▶ Speed dial: Set status On/Off and add contacts to the speed dial.

◆ **Enter the Contacts interface to perform the following operations:**

Quick search

In the input area where the cursor locates, enter English letter to locate the first qualified entry in the contacts list. For example, to search for “Lisa”, enter letter “L”.

Search name

Enter the desired name, and search the matched entry in the Contacts.

You can select a contact, and press left soft key to perform the following operations:

- ▶ View: View the detail of the contact.
- ▶ Call: Make a call.
- ▶ Add new contact: Add the new phone number to phonebook.
- ▶ Send message: Send new message to the selected contact.
- ▶ Edit: Edit the options of the contact with this function.
- ▶ Delete: Delete this entry.
- ▶ Move: Move the contact to another memory device.
- ▶ Copy: Copy the contact to current memory device.
- ▶ Add to speed dial: Add the selected number to speed dial.
- ▶ Mark several: Make/Unmark contacts.

Messages

Enter this menu, you can view: Write message, Inbox, Outbox, Drafts, Settings, Memory status, Voice mail, and Broadcast messages.

Write message

You can enter this function menu to write message.

- ◆ Short message is a network service. To send or receive short messages, you may need to subscribe for this service from your network operator. The short messages are sent to the message center and then to the recipients (GSM subscribers). The short messages are saved in the network if the mobile phone of recipient isn't switched on or can't receive short messages (memory is full). The validity depends on user's settings and network operator. With SMS, you can send and receive chain text messages, which may affect the charge of messaging. Please contact your network operator for details.
- ◆ Each message may contain 160 characters. While editing the message, select the “Input method” option.

- ◆ Press # key to switch the input method.
- ◆ Press the right soft key to delete one character before the cursor, or hold right soft key long to clear all characters; press the End key to return to standby mode; When writing messages, you can insert number, name and bookmark in editing message.
- ◆ When the editing message is finished, you can press direction up/down key to option: enter recipient or select contacts from phonebook or call history to send.
- ◆ This mobile phone supports group messages with more than 600 characters each (the characters limit of common text message). If the message contains more than limited characters, the phone sends it in two or more messages.
- ◆ If the memory is full, an icon will flash in the top line of the screen; since the mobile phone supports single SIM card, the messages are saved in SIM, and the prompt appears. To receive new messages normally, delete the short messages in SIM card. If the recipient has received the message, the mobile phone sends an alert tone of message report (report is enabled)

Note: When you send message via SMS service, the mobile phone may display “Sent”. It indicates that the message has been sent to the SMS center. But it doesn’t mean that the recipient has received the message. Contact your network operator for more information.

Inbox

You can read the received short messages in the Inbox, included in SIM or phone. Enter this menu, you can view the list of received messages, and press left soft key to perform as follow operations:

- ✧ View: View the content of the selected message.
- ✧ Reply: Reply in text message with SIM.
- ✧ Delete: Delete the message.
- ✧ Copy to phone: Copy the selected message in SIM to phone.
- ✧ Move to phone: Move the selected message in SIM to phone.
- ✧ Delete all: Delete all the messages in the Inbox of corresponding SIM card and phone;
- ✧ Copy all: Copy the message from SIM to phone or from phone to SIM.
- ✧ Move all: Move the message from SIM to phone or from phone to SIM.
- ✧ Mark several: Make/Unmark the contact.

Outbox

Select “Save and send” when sending message, the message will be saved in Outbox; you can also save the message in Outbox directly. In this case, "No number" appears in the Outbox, i.e. no recipient. If the message isn’t sent successfully, the message also will be saved in the Outbox. Select a short message in SIM to view and you can perform the following operations to the short messages saved in Outbox: Send, Edit, Delete, Copy to phone, Move to phone and Use number.

Drafts

Save the edited text message and perform operations such as View, Delete, Delete all, Copy all and Move all.

Settings

In this menu, you can view profile setting and set common settings;

- ✧ Profile settings: You can view the details of the SMS parameters.

In common settings menu, you can perform as follow operations:

- ✧ Delivery report: The network notifies whether the recipient has received the message and the receiving time.
- ✧ Reply path: Transfer the replay path to the network and this function requires the support of SMS center.
- ✧ Save sent message: This function saves the messages which have been sent.

Memory status

You can check the memory status of the SIM card or mobile phone in this menu.

Voice mail

Voicemail is a network service. You need to subscribe for this service first. Please contact your network operator for more information. View the voice mail number saved in the list. And this phone has set a voice mail number (*20) and you can press OK key to call voice mial number.

Note: In standby state, press and hold Number key 1 to call *20 of the voicemail number in the list.

Broadcast messages

Cell broadcast is the service that the network operator sends messages such as weather report and traffic to the GSM subscribers in specified area.

[Receiving mode]: Enable/disable message receiving.

[Channels]: Select, add, edit or delete channels.

Note: Enable SIM cell broadcast to receive cell broadcast from SIM.

Call center

[Call history]

This mobile phone can register the missed calls, received calls and dialed calls of SIM, as well as the time and expense of all calls. When the mobile phone is turned on in network service area and supported by the network, it can register the missed calls and received calls. In the lists of missed calls, received calls and dialed calls, you can check the date and time of the calls, edit or delete the telephone numbers in the list, save the numbers in Contacts.

◆ Missed calls

This menu displays the missed calls that you did not answer. In the missed calls list, you can view the details of the record by pressing the Left soft key.

In the lists of missed calls, you can check the date and time of the calls, call, send message, save to phonebook, edit before call and delete.

Note: When the mobile phone prompts missed call, you can press “View” to access the list of missed calls. Select the desired number and press the Call key to call this number.

◆ Dialed calls

This menu displays the recent calls you have dialed. In the dialed calls list, you can view the details of the record by pressing left soft key.

In the lists of dialed calls, you can check the date and time of the calls, call, send message, save to phonebook, edit before call or delete.

◆ Received calls

This menu displays the calls you have received. In the list of received calls, you can view the details of the record. In the lists of received calls, you can check the date and time of the calls, call, send message, save to phonebook, edit before call or delete.

◆ All calls

This menu display all Missed Calls、Dialed Calls and Received Calls records. In this menu list, you can view the details of the record by pressing left soft key. In the view screen, you can make a call to the number by pressing the Call Key. Select a record, and press left soft key again you can do the following operation:

- ✧ **View:** You can view the details of the selected number.
- ✧ **Call:** You can call the current selected record.
- ✧ **Send message:** You can send message to the current selected number.
- ✧ **Save:** You can save the current number to the phonebook.
- ✧ **Delete:** Delete the current selected number.
- ✧ **Edit before call:** You can edit the number before make a call.

◆ Clear logs

Delete call logs. You can select dialed calls, missed calls and received calls to clear.Or you can directly select

clear all to delete.

[Call settings]

- ✧ **Caller ID:** Set by network options are Default, Hide ID and Send ID.
- ✧ **Call waiting:** Set to activate or deactivate the call waiting. For call holding and multi-party conference, you need to activate this function first. It requires network support.
- ✧ **Call divert:** This function is a network service and you need to subscribe from the network operator first. This function can divert the qualified calls to specified telephone number.

Names	Description
All voice calls	Divert all incoming calls
If unreachable	If the network can't connect to your mobile phone (power off or out of service area), it will divert the incoming calls for you.
If no answer	If you don't answer the calls in specified time, the network diverts the call for you.
If busy	When you are calling, the network diverts the incoming call.
All data calls	Need network support, divert all coming data calls.
Cancel all diverts	Cancel all diverting settings.

✧ **Call barring:**

Outgoing calls:

1. All calls: Set call barring for all outgoing calls of SIM.
2. International calls: Set call barring for international calls of SIM;
3. International calls except home: When you are abroad, you can only call the numbers from the country you locate and home country (i.e. the country where your network operator locates).

Incoming calls:

1. All calls: Set call barring for all incoming calls of SIM.
2. When roaming: Set call barring for all calls of SIM except the calls from the numbers in local service area.

Cancel all: Cancel call barring settings of SIM. In this case, you can make and answer calls normally.

Change barring password: Change the password of call barring for SIM.

- ✧ **Line switching:** You can set Line1 or Line2. The default setting is Lin1.
- ✧ **Call time reminder:** Give you one or periodic alert tone in the calling process so that you can know the call time. You can also disable the alert tone.
- ✧ **Call time display:** Display the call time in the calling process.
- ✧ **Auto redial:** Set On/Off for auto redial in this option. If the first call isn't connected successfully, the mobile phone will redial for ten times at most automatically.
- ✧ **Answer mode:** answer the phone by any key or auto answer (headset mode).

Note: Some settings need network support. Call barring needs local network support and you need to apply this service first.

Settings

Date and time

Date and Time: Select the time format and date format, and time zone update.

- ▶ Set date and time: Set current time and date.
- ▶ Format: Set the displaying format of time and date

Note: This option should be set together with auto update time and will update the date and time only when the network supports.

- ▶ Time zone update: Set On/Off.

Note: If the battery has been removed or has been run out a long time, you may need to set the time when you insert or charge the battery and switch on the phone.

Warning: Please turn off the schedule power on function before you enter specific area where mobile phone is prohibited (e.g. in airplane).

Display

In this function, you can set the wallpaper, the time of LCD backlight and the brightness.

Phone settings

In this menu, you can perform as follow operation:

- ▶ Language: The default language in phone is English.
- ▶ Shortcuts: you can set dedicated key and my shortcuts.
 - Dedicated key: You can configure short cut functions for the direction Up, Down, Left, and Right key respectively. In the standby mode, press any one of them to access the appointed function.
 - My shortcuts: The mobile phone has many shortcuts, through which you can access Inbox, Missed calls, Camera and Profiles directly etc. you can also set this function depending on your needs.
- ▶ Input method settings: Define the default input method.

Network settings

Enter this menu; you can set network settings and Preferred networks.

- **Network selection:** You can choose Automatic or manual to select the network (Auto is recommended).

When you select Automatic, the phone will make the preferential selection according to the network where the SIM card belongs. When you select Manual, you are required to select the same network as the registered network with the network operator by SIM card for your use.

- **Preferred networks:** Select Data prefer or Call prefer in the network list as the Preferred Networks.

Network status

In this menu, you can view the current network status.

Security settings

◆ SIM security

- ✧ **SIM lock:** Activate/deactivate SIM lock (PIN code).
- ✧ **Fixed dial:** If your SIM supports this function, you can only dial fixed numbers limitedly. When this function is activated, you only can dial the numbers in fixed dialing list.
 - **Mode:** Press ON/OFF to change it, but you need to type in correct PIN2 code first.
 - **Fixed dial list:** Press left soft key to enter the list. Press Add to do related operations. You must enter correct PIN 2 code after operation to activate this function.
- ✧ **Barred dial:** You must enter password when you dial a number when this function is activated. Otherwise you cannot dial it.(Must be supported by SIM card)
- ✧ **Change password:**
 - **PIN:** The PIN (Personal Identity Number) code is provided with the SIM card and will prevent your SIM card from illegal operation. If the PIN lock is activated, the screen displays “Enter SIM PIN” when you turn on the mobile phone. While entering SIM PIN code, the screen shows * instead. You can get the PIN code when you get the SIM card from the network operator.
 - **PIN2:** the personal identity number required by certain functions such as call expense.

Note: SIM card will be locked if you type wrong code for three times. And it will inform you to type in PUK code. (Please contact your network service vendor to unlock it if needed.)

◆ Phone security

- **Phone lock:** You can activate or deactivate phone lock. The phone lock is a 4-8 digit password (the default password is: 1122, which you can change.)
- **Change password:** Change the phone lock password.

◆ Auto Keypad lock

You can activate or deactivate keypad lock. The mobile phone integrates keypad lock function. The keypad locks in certain time automatically (5sec, 30sec, 1min and 5mins).

Restore factory settings

Access the setting, select Reset, enter the password, and follow the prompt to reset and restart the mobile phone. This operation will restore all default settings.

Note: The default password is 1122. The phone will auto power on after shutdown.

Multimedia

[Camera]

In this menu, you can take pictures with the embedded camera and adjust the camera settings. The camera lens is in the rear side of the mobile phone and the screen is the viewfinder window. The pictures are taken in JPG format. After downloading to PC, please view with appropriate software.

If the mobile phone memory is insufficient, please delete certain pictures or other files in “File manager”.

Open Camera and press left soft key to perform options:

Options	Description
Photos	View the saved photos.
Camera settings	Storage: Memory card or Phone.
	Cont.shot: Off, 1 shot, 3shots, 5shots.
	Effect settings: Set normal; grayscale; sepia and so on.
	White balance: Auto, Daylight, Tungsten, Fluorescent, Cloudy, and Incandescent.
	Scene mode: set auto; night; portrait; landscape and so on.
	Avoid flicker: 60Hz (default), 50Hz.
	Delay timer: 3sec, 5sec, 7sec or Off.
Image settings	Image size: 176*144, 320*240,352*288.
	Image quality: Normal, Good, Fine and Low.
	Contrast:Medium, Low and High,
Restore default	Restore the default settings.

Note: After replacing the T-Flash card, it is necessary to create a Photos menu before using the camera.

Organizer

[Calendar]

Enter this function menu, you can press left soft key to perform as follow operation:

- **View tasks:** View the schedule of the tasks where the cursor locates. And you can add new tasks, edit, delete and delete all tasks.
- **Jump to date:** Skip to the specified date to view.
- **Go to today:** You can select and the cursor skips to the date of today.
- **Week starts on:** You can select Sunday or Monday to start in one week.

[Tasks]

Create a new task and perform operations like Add, Edit, and Delete, Delete all. If you have set alarm for the task, the mobile phone rings and displays the schedule when the specified time arrives.

[Alarm]

The time format of alarm clock is same to the clock. When the mobile phone is turned off, the alarm clock is still valid only if the battery voltage isn't low. The mobile phone allows setting three alarm clocks and the default option is Off. You can customize the alarm time and date for every alarm clock separately. When the alarm time arrives, the mobile phone rings and displays current time and date on the screen. Press "Stop" to stop the alarm; press "Snooze", the alarm stops and rings again as your setting minutes.

If the mobile phone is still power off till the alarm time, the phone switches on and alarms automatically. If you press "Stop", the phone asks you whether switch on the mobile phone. Press "No" to switch off, or press "Yes" to switch on.

[Calculator]

Press number keys 0-9 to enter the figures you need to calculate and press the # key to enter radix point;

You can also enter operators such as +, -, ×, ÷;

Press <Right soft key> to clear last input or result, press and hold Right soft key to clear all the contents or results.

Press OK key to get the result.

Note: The precision of the calculator is limited and there are errors, especially when it is indivisible.

Profiles

Profiles Setting: This mobile phone is provided with several profiles. You can customize the ringtone according to events and environment. You can customize a profile and activate it. Available options are: General, Meeting, Outdoor, Indoor and Headset.

General

You can customize the following items in General profile:

- ✧ Incoming call: Set up the tone of incoming call
- ✧ Alert type: Set Ring, Light only as your needs.
- ✧ Ring volume: Set the volume of ringtone.
- ✧ Ring type: Repeat Ascending and Single.
- ✧ Message tone: You can set silent or tone1 as the message tone.
- ✧ Keypad tone: Set Click, Tone or Silent.
- ✧ Keypad volume: Set the keypad volume.

After customized, select “Save” in “Options”.

Meeting

Please refer to “General” for more details.

Outdoor

Please refer to “General” for more details.

Indoor

Please refer to “General” for more details.

Headset

Please refer to “General” for more details.

If the earphone is connected in Silent profile, the headset profile switches on, and the Silent profile resumes when the earphone is disconnected.

Under standby mode, press and hold the # key to switch to Silent mode, and press and hold this key again to resume original profile.

Note: The Silent profile is activated automatically when the earphone is inserted and the original profile resumes when the earphone is removed.

File manager

Enter this menu; you can use the function to manage all types of files saved in the phone or memory card. You can manage kinds of folder, such as Photos, Videos, and Images folder.

● **Open**

Open the files in the memory card.

Photos – Photo folder

- ✧ View: View the selected photo.
- ✧ Set as wallpaper: Set the selected photo as wallpaper.
- ✧ Details: View the details of the selected photo.
- ✧ Rename: Change the name.
- ✧ Copy: Copy the files to folder in memory card or phone.
- ✧ Move: Move the files to folder in the memory card or phone.

- ✧ Delete: Delete the selected file.
- ✧ Delete all files: Delete all files in the current folder.

Videos – Video folder

- ✧ Play: Play the selected file.
- ✧ Rename: Change the name.
- ✧ Copy: Copy the files to folder in memory card or phone.
- ✧ Move: Move the files to folder in the memory card or phone.
- ✧ Delete: Delete the selected file.
- ✧ Delete all files: Delete all files in the current folder.

Images – images folder

- ✧ View: View the selected image.
- ✧ Set as wallpaper: Set the selected image as wallpaper.
- ✧ Details: View the details of the selected image.
- ✧ Rename: Change the name.
- ✧ Copy: Copy the files to folder in memory card or phone.
- ✧ Move: Move the files to folder in the memory card or phone.
- ✧ Delete: Delete the selected image.
- ✧ Delete all files: Delete all image files in the current folder.
- **New folder:** Create a new folder in the memory card.
- **Format:** Format the memory card.
- **Details:** View the details of the memory card.

Services

Enter this menu. If you use SIM card that it provides additional services, and new menus appear according to SIM card. For the details, please refer to your SIM card instructions or contact your service provider.

Appendix

Appendix A: Please take care of your mobile phone

- Maintenance

The mobile phone is made in exquisite process. Please be careful while using. The suggestions below will help to extend the service life of the mobile phone.

- 1> Keep the mobile phone and all its parts and accessories away from children.
- 2> Keep the mobile phone dry. Keep it away from the substances such as rain, moisture and liquids that may erode the circuits. Do not use the mobile phone at places with too much dirt or put it at these places to avoid damaging the activate parts.
- 3> Do not put the mobile phone at the place with high temperature; otherwise, it will shorten the life of the circuit, and damage the battery and plastic parts.
- 4> Do not put the mobile phone at cold place. When it becomes warm (normal temperature), moisture will generate in the mobile phone and damage the circuit board.
- 5> Do not wash the mobile phone with corrosive chemical agent, cleaner or strong detergent. Dip soap water with soft cloth to wipe the mobile phone.
- 6> If the mobile phone or any accessory can't work normally, please send it to qualified service center.

Note: Please dispose the used products according to local regulations.

Appendix B: Troubleshooting

Failure	Reason
Can't switch on	1、 The battery has been run out; 2、 The battery isn't installed properly.
SIM card error	1、 SIM card is dirty. Clean the SIM card. 2、 Re-install the SIM card. 3、 SIM card is damaged. Please change a new one.
Weak signal	Check the icon of signal strength, where four strips indicate the strongest signal and two or less strips indicate weak signal.
Can't make calls	(I) You have set to hide your own number, but the network operator doesn't support this service. (II). The ambient has strong interference. (III). You have enabled call barring. (IV). You have activated Line 2, but the network operator doesn't support this service.
Can't charge the battery	(I). The battery may be over discharged and it takes a while to charge after connected to the charger. (II) Battery performance has decreased.
Can't connect to network	(I). The signal is too weak, or there is radio interference. (II). Check whether the SIM card is installed properly, whether the contact is poor or whether the card is damaged? Please contact your network operator if the SIM card is damaged.
The photos taken are too dark	(I) The brightness is too low; (II) The environment is too dark
The photos taken are blurry	(I) The object is moving; (II) Your hand shakes when you press the shutter

The photos taken are distorted	The object is too close
Can't access service menu	The SIM card doesn't support

Appendix C: Abbreviation and explanation

SMS	Short Message Service
EMS	Enhanced Message Service
SIM	Subscriber Identity Module
GSM	Global System for Mobile Communication
PIN	Personal Identity Number
PUK	PIN Unblocking Key
IMEI	International Mobile Equipment Identity
CB	Cell Broadcast
GPRS	General Packet Radio Service
MMS	Multimedia Message service

Appendix D: Optional parts

- T-FLASH card

This is also called as memory card, which is used to save data.

- Handsfree kits

The handsfree kits include earphone and mini microphone, which are used for handsfree call.

- USB data cable

In power off state, connect the mobile phone to PC with the USB data cable to access files and charge the battery.

In power on state, connect the mobile phone to PC with the USB data cable to access the storage device.

- Travel charger

Used for travel charging

Note: Please use qualified accessories.
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FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: S12U(FCC ID:OOV-S12U) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.824W/kg and when properly worn on the body is 0.847W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.