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Basic Information

1.1 Brief Introduction

Thank you for selecting our GSM/GPRS digital mobile phone. You can fully understand the usage of this phone and enjoy the sound functions and simple operation way after reading this manual. This color screen mobile phone is designed for GSM/GPRS network environment. Besides basic call functions, it also provides you with numerous functions, including dual-card mode, Chinese & English input method, handwriting input, name card holder, phone book, personalized incoming call rings and images, 64 chord music ringtone, SMS and MMS, chatting, shooting, videocamera function, MP3, video player, audio recording, TV, FM radio, alarm clock, calculator, auto power On/Off, calendar, memo, world time, incoming call show, T-Flash, GPRS network, STK, keypad lock, etc. Additionally, it offers personalized human-phone interface and satisfy your different requirement with sound function design. This color screen mobile phone conforms to GSM/GPRS technical code and has passed attestation from authorities at home and abroad. Some services and functions described in this User Manual depend on the network and subscribed services. So, not all menus in the phone are available, and shortcut numbers of menus and functions may be different due to different phones. Our company reserves the right to make changes to the manual without any further notification.

Safety Instruction

- Please contact Telecom Sector or distribution agency to disable your phone and SIM card once your phone is lost or stolen. This way, it can avoid economic loss resulted from that others use your phone.
- You're required to tell IMEI code of the phone (It's a label at the back of the phone. You can see it by disassembling battery) when you contact Telecom Sector or distribution agency. Please write down the code and keep it in safe for future requirement.
- In order to protect your phone against nuisance use, please take some precautions, for example:
 - Set PIN code of the phone and SIM card, and change the

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- code quickly before others know it.
- Do not put the phone in visible places when you get out of the car. You'd better carry it with yourself or put it in travel bag.

Safety Alerts and Precaution

In order to ensure to use the phone safely and correctly, please read the precautions below carefully before your use.

General Precaution

- Your phone is only allowed to use battery and charger approved by our company, or else it can cause battery leakage, overheat, explosion and fire.
- Do not knock, vibrate or throw the phone heavily to avoid malfunction and fire.
- Do not put the battery, phone and charger to microwave oven or high-pressure equipment, or else, it can cause such accidents as circuit damage and fire.
- Do not use the phone in where combustible and explosive gas exists, or else it can cause phone malfunction and fire.
- Do not put the phone to places with high temperature, high humidity or heavy dust, or else, it can cause malfunction.
- Please keep the phone out of the reach of children to avoid personal injury as children may consider it as toy.
- Do not put the phone on uneven or unsteady platform, or it may drop and cause failure or damage.

Precaution for the use of phone

- Please switch off the phone in hospitals, on the plane or in places where mobile phone is forbidden, to avoid any interference to the normal operation of electronic equipment or medical instruments. Please follow relative regulations in this place when you use the phone. Please check the Alarm clock Settings and confirm if the phone will switch on automatically when you are on the plane as the plane has automatic power on function.
- Do not use the phone in places with weak signal or near electronic equipment with high precision. The interference of radiowave may cause the fault operation of equipment and other problems. Please be cautious when using the phone near the following equipment: hearing aids, heart pacemaker, other medical electronic equipment, fire detector, automatic gate and other

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automatic control devices. As to the influence on the heart pacemaker and other medical electronic equipment, please consult equipment manufacturer or local sales agent.

- Do not knock the liquid crystal display in force or strike something with the display heavily, or else it can cause the damage of liquid crystal panel and liquid leakage. There may be in danger of losing the sight once it contacts with eyes. If in case contact with eyes, flush with plenty of clean water (do not rub the eyes) immediately and go to hospital.
- Do not disassemble or tamper the phone, or else it can cause damage, electric leakage and circuit malfunction.
- Under too few conditions, the phone may have a bad effect on the electronic equipment in some model cars. Then, do not use the phone to avoid the void of warranty.
- Do not press the key with sharp things, like needle, pen head, or it may cause damage or fault operation.
- Do not use the phone once the antenna is damaged as it may cause personal injury.
- Keep the phone far away from magnetic objects, the radiation wave emitted by the phone may clear the information saved in floppy disks, stored-value cards, and credit cards.
- Keep some metal pieces, like pin, far away from the handset, the loudspeaker can emit magnetism and absorb small metal pieces when working, so it may cause personal injury or damage the phone.
- Keep the phone away from exposure to moisture, water or other liquid can go to the phone and cause it overheat, electric leakage and malfunction.

Precaution for the use of battery

- Do not throw the battery into fire, or it may cause the battery to catch fire and explosion.
- Do not press the battery in force when installing it, or it may cause battery leakage, overheat, explosion and fire.
- Do not cause short circuit to the battery with metal material, like wire, needle, etc, and do not put the battery with metal pieces, like necklace, together, as it may cause battery leakage, overheat, explosion and fire.
- Do not weld the ends of battery, or else, it may cause leakage, overheat, explosion and fire.
- There may be in danger of losing the sight once the liquid of battery contacts with eyes. If in case contact with eyes, flush with

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plenty of clean water (do not rub the eyes) immediately and go to hospital.

- Do not disassemble or tamper the battery, or else it may cause leakage, overheat, explosion and fire.
- Do not use or put the battery near or in places with high temperature, like fire or heater, or else, it may cause battery leakage, overheat, explosion and fire.
- Once there're abnormal phenomena, like temperature increasing, color change, distortion during the usage, charging or save of the battery, please stop using and replace with new battery.
- It may burn the skin once the liquid from battery touches skin or clothes, please flush with plenty of clean water immediately and go to hospital at once if necessary.
- Please take the battery away from the fire to avoid fire and explosion once the battery leaks or emits strange smell.
- Do not place the battery exposure to moisture, or else it may cause overheat, fume and corrosion.
- Do not use or place the battery direct under sunlight, or in high temperature places, like near the car, or else, it may cause leakage and overheat, reduce the performance and shorten the lifetime.
- Do not charge the battery for over 24 hours continuously.

Precaution for the use of charger

- Please use 220AC. It may cause leakage, fire and damage to the phone and charger once other voltage is adopted.
- Do not cause short circuit to the charger, or else it may cause electric shock, fume and damage to the charger.
- Do not use the charger if the power wire is broken, or it may cause fire and electric shock.
- Please remove accumulated dust on the power plug.
- Do not put water container next to the charger, as the spilled water can cause overheat, leakage and malfunction of charger.
- Please disconnect the charger with the power to avoid overheat, fire, electric shock and malfunction in case the charger contacts with water or other liquid.

Do not disassemble or tamper the charger, or else it may cause personal injury, electric shock, fire and the damage of

- charger.
- Do not use the charger in places with high humidity, like bathroom, or else it may cause electric shock, fire and damage

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of charger.

- Do not touch charger, power cord and power plug with wet hand, or it can cause electric shock.
- Do not put heavy objects on power cord or change the power cord, or it may cause electric shock and fire.
- Please unplug the power socket before cleaning and maintenance.
- Please hold the charger to unplug the socket, it may damage power wire and cause electric shock and fire once pulling the power cord.

Cleaning and maintenance

- As phone, battery and charger don't have waterproof function, so do not use them in places with high humidity, as well as avoid them being wetted by rain.
- Please clean the phone, battery and charger with soft dry cloth.
- Never use alcohol, thinner or solutions, like benzene, to wipe the phone.
- Dirty socket can cause poor contact and power down, and even recharging isn't available. So, please clean it periodically.

Common Precaution

Mobile Phone:

- Please use the phone under the environment with temperature of $-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$ and humidity of 35%~85%.
- Please use the phone far away from regular telephones, TV sets, radio sets and office automation equipment, to avoid affecting the normal use of these equipment and mobile phone.

Battery:

- Place the battery in cool and ventilated place without direct sunlight.
- The battery has a limited lifetime. The use time of battery will be shortened progressively due to frequent charging. Once the battery is out of use after several charging, it means that the lifetime of the battery is over, and you shall replace it with approved model new battery.
- Do not dispose old battery as household waste. Throw it to specified old battery disposal place and follow stipulated instructions for disposal.

Charger:

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- Do not charge under following conditions: places with direct sunlight, places with ambient temperature less than 5°C or over 40°C, wet or dusty place or place with strong vibration (it may cause malfunction); near electrical appliance (it may affect the effect of image and sound) like TV set, radio, etc.

Before Use

Name and Description of Individual Part

Technical Parameter

Phone

Model Size (Length x Wide x Thickness) 105.5mm × 50.5mm
× 16mm
Weight around 90g

Lithium battery

Model
Nominal voltage 3.7V
Limited charge voltage 4.2V
Rated capacity
Duration of standby time
Duration of talk
ti of talk

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mc
Travel charger
ModelInput
450mA


100~240V 50/60Hz

Phone Introduction

















Image

Icon

There may be some icons appearing under standby interface. Please refer to the following for detailed description:

Icon	Description
	Represents the strength of network signal.

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	Represents that you can use GPRS service.
	Enable vibration function.
	Receive new SMS.
	Receive new MMS.
	Alarm clock is set to On.
	It appears when headset is inserted.
	Enable call transfer function.
	Keypad isn't unlocked.
	Keypad locked.
	Indicates battery level.
	Indicates missed calls.
	Enable chat function
	Enable multi-stopwatch function.
	Receive new service message.
	Turn on bluetooth handset.
	Bluetooth handset pairs successfully.

Keypad Description

Arrow Keys:

- (1) **Up Key:** Please press this **Up Key** when in editing, and press it to enter **Music Player** under standby status;
- (2) **Down Key:** Please press this **Down Key** when in editing, and press it to enter **Alarm Clock** under standby status;
- (3) **Left Key:** Please press this **Left Key** when in editing, and press it to enter **Profile** under standby status;
- (4) **Right Key:** Please press this **Right Key** when in editing, and press it to enter **Ringtone Settings** under standby status.

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(5) OK Key: Generally, it's used as confirm key after entering menus. You can press this key to enter main menu

interface under standby interface and achieve shooting, video recording or pause functions under shooting and video recording interface.

Number Key: It's used to key in numbers and characters. Number 2 - 9 can be set as shortcut keys for speed dials.

Dial Key:

Dial key 1: It's used to dial phone number through card A, answer incoming calls of card A and card B; and view dialed number records under standby status.

Dial key 2: It's used to dial phone number through card B, answer incoming calls of card A and card B, and view dialed number records under standby status.

Right Soft Key: It's used to perform functions displayed in lower right corner on the screen.

Left Soft Key: It's used to perform functions displayed in lower left corner on the screen.

End Key: It's used to end calls or reject incoming calls. Press this key to return to standby status under other conditions.

TV key: when the player is running, press this key enter TV interface

*** Key:** Press this key to key in all special characters and Chinese punctuation under editing screen; and long press it to achieve the switch of "+", "P" and "W" under standby interface.

#Key: It's used to switch the input method status under editing screen. Long press it to switch between quiet mode and general mode under standby interface as well as under dial interface on the touch screen.

Note: "Press certain key" described in this manual represents to press this key and release it; "Long press certain key" represents to long press this key for 2 seconds or over 2 seconds. The description of every key and certain functions above depend on specific models.

Touch Screen Function Description

This phone supports touch screen function.

The four icons displayed at the bottom of the touch screen has following functions respectively from left to right:

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Touch the first icon to enter **Main Menu**.

Touch the second icon to enter **Messages**.

Touch the third icon to enter **Phonebook**.

Touch the fourth icon to enter **Dials function**.

The five images displayed on the silk screen has following functions respectively from left to right:

Touch the first image to enter **Main Menu**.

Touch the second image to enter **Messages**.

Touch the third image to enter **Phonebook**.

Touch the fourth image to enter **Call logs**.

Touch the fifth image to enter **Video player**.

Battery

Battery under original status can be used after charging by 50% power. The full performance of a new battery is achieved only after the first three complete charge and discharge cycles.

The disassembly and installation of battery

- Please follow steps below to disassemble the battery: ①Open the back cover of the phone; ②Remove the battery from left;
- Please follow steps below to install the battery: ①Push down the right end of the battery gently; ②Close the back cover of the phone.

Charge for Battery

- Connect the charger with power.
- Insert the end of the charger into the right side of the phone (Note: the arrowhead shall be upward).
- Then, power indication icon on the screen flashes repeatedly. If the phone is switched off during charging, there is power indication image on the screen, which means that the battery is under charging. If the phone is overused under low battery, then charging indication icon will be displayed after the charging has been done for some time.
- If the power indication icon in the upper right corner is fully displayed without flashing, it means the charging is complete. If the phone is switched off during charging, there is image to indicate that the charging is over. This process needs 3 –4 hours. It's normal that the battery, phone and charger will be heated slightly during charging.
- Disconnect the mobile phone and charger with AC electrical

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plug once the battery is fully charged.

Note:

- Always keep the battery in ventilated place with the temperature from -10°C to +50°C during charging, and make sure to use the charger provided by manufacturer. It may cause danger once unapproved charger is used and it may invalidate any approval or warranty.
- If the phone switches off automatically or there's "Low Battery" displayed on the phone, please charge to the battery as quick as possible. The phone will reduce charging time automatically if the battery power isn't used up before charging.
- The duration of standby time and duration of talk time offered by manufacturer are based on ideal working environment. In actual use, however, the working time of battery changes based on network condition, working environment and using way.
- Make sure that the battery is installed properly before charging and it's forbidden to remove the battery during charging.
- Please disconnect the charger and phone with power once charging is over.
- If you don't disconnect the charger with power and phone, the phone begins charging again when the power loss reaches certain extent after overcharging lasts for quite a long time (about 5 – 8 hours). We suggest you don't do this, as it will influence the performance and lifetime of the battery

Connecting to network

SIM card

Make sure that you've inserted available SIM card to the phone before your use. SIM card is the key to enter digital GSM network.

All information related with establishing network connection and calling record initiate are saved in metal area in SIM card. Meanwhile, there're other information saved in the SIM card, including name and phone number saved in phone book and SMS. The SIM card can be removed from your phone and inserted to any GSM phone (the new phone will read SIM card automatically).

Never touch metal area the SIM card to avoid information loss or damaging the card. Keep SIM card far away from electricity and magnet. You can't enter GSM network once the SIM is broken.

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Warning: Do switch off the phone before removing SIM card. It's forbidden to insert or remove SIM card if the phone is connected to external power, or else, the SIM card will be damaged.

Insertion and Removal of SIM card

SIM card is placed in a card generally, so please take it out carefully before installing in the phone.

- Switch off the phone and remove the battery and other external power.
- This phone uses dual-card mode, the place of card A and card B is decided by options in menu (please refer to "Settings" for "Dual-card Settings"). Please follow the photo to insert the SIM card to SIM card holder.
- Once you need to remove the SIM card, please switch off the phone first, disassemble the battery and remove the SIM card from SIM card holder.

Power On and Power Off

Long press **End Key** to switch on the phone, and long press **End Key** to switch off the phone.

If you switch on the phone and there's no SIM card, the phone will prompt you to insert SIM card. The phone will check if the SIM card is available after SIM card is inserted.

Then, prompts below will appear on the screen on by one:

Enter PIN1—It appears if you've set the password of SIM card.

Enter phone password —It appears if you've set password to lock the phone.

Search for network—The phone will search for network till it finds proper network.

Unlock of SIM card

SIM card uses PIN1 (personal identity number) code for protection against unauthorized use. You are required to key in PIN1 code to unlock the SIM card every time the phone is switched on once your phone enables this function, then you can make calls or answer incoming calls. Users can also choose to remove SIM card protection (please refer to Section 3.10.6 Security Settings); in this case, the SIM card can't be protected against unauthorized use.

- Press End Key to switch on the phone.
- Key in PIN1 code, press Right Soft Key to clear incorrect input and press OK to enter. For example, if PIN1 code is set as 1234, then you shall key in:
1 2 3 4

If incorrect code is keyed in for three times in succession, SIM card

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will be locked. The phone will require you to key in PUK1 code for unlocking. Please do not key in at random if you don't know PUK1 code. You shall send SIM card to network operator for assistance. Please refer to Section 3.10.6 Security Settings. Note: Your network supplier will set a standard PIN1 code (4 to 8 digits) for your SIM card. You shall change the code to your personal password as soon as possible. Please refer to Section 3.10.6 Security Settings for details.

Unlock of the phone

You can set password protection for your phone against unauthorized use. You are required to key in PIN1 code (if you've set password protection) to unlock the phone every time the phone is switched on once your phone enables this function, then you can make calls or answer incoming calls. Users can also choose to remove password protection (please refer to Section 3.10.6 Security Settings); in this case, the phone can't be protected against unauthorized use.

Key in phone password, press Right Soft Key to clear incorrect input and press OK to enter. For example, if the phone password is set as 1122, then you shall key in:

1 1 2 2

Please contact your retailer or local authorized maintenance service center to unlock the phone password once you forget it.

Connecting to Network

The phone will search for available network automatically (Searching for network is displayed on the screen) once the SIM card is unlocked successfully. Name of network supplier will appear on the screen once the phone searches for available network.

Note: If EMERGENCY is displayed on the screen, it means that your phone is out of the normal network coverage, but you can also make emergency calls according to the signal strength.

Dial calls

You're allowed to make calls or answer incoming calls once name of network supplier appears on the screen. The signal bar in upper left corner represents the strength of network signal.

Moving in a small range can improve your calling quality as the calling can be interfered by barriers greatly.

Dial domestic calls

Press number keys to input phone number and press Dial Key to make calls. Please press Right Soft Key to delete characters once the phone number needs to be changed. Dialing animation will be displayed on the

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screen when dialing. The call status information will be displayed after the recipient answers the phone. There's an alert tone when the phone gets through (it needs network support) if this function is enabled.

Please press End Key to end the call once it's over.

Zip code Phone number Dial key

Dial extensions of fixed phones

Some extensions of fixed phones can't be got through, and you shall only dial the telephone exchange, and then dial the extension. The phone can finish all dialing and dial the extension automatically when you insert pause character "P" between telephone exchange and extension number. The way of inputting "P" is to long press * key, then symbol "P" appears on screen.

Zipcode Telephone exchange P Extension Dial key

Example of the use of pause character: For example, if there's a voice mailbox system, which is used through dialing way in 8880000 number, the number of mailbox is 6666 and the password is 8888, then you can follow the way below to dial:

8880000 P 6666 P 8888

The first part of this number is used to dial voice mailbox system.

It will send 6666 to select mailbox once the phone is answered.

The second pause character will delay for 5 seconds before password 8888 is sent out (the former "P" represents to get through, the latter "P" represents to delay for 5 seconds).

Dial international calls

Long press * key under standby status till prefix symbol "+" appears on the screen when dialing international calls. It allows you to dial a number in any country once you don't know the international prefix symbol (e.g.: it's 00 for China). Key in the country code and complete phone number after prefix symbol appears. The country codes follow general practices, the country code of Germany is 49, Britain is 44, Swiss is 46, etc.

"0" before the area code shall be removed before dialing, just as dialing international calls. For example, you shall dial like this if you need to dial service hotline from other countries:

+86 21 114

+ Country code Complete phone number Dial key

Dial Call in the List

Every phone number you dialed and received are saved in a list in the phone, recent dialed and received phone numbers are placed on the top of the list (Please refer to Section 3.9 Call Register). Every phone number is classified based on Dialed Calls, Received Calls and Missed Calls. The

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phone also provides you with All Phone Items for you to view all calling record. Old phone numbers will be deleted automatically once the phone number list is full. Please follow steps below to view the list:

- Press Dial Key to view dialed calls records;
- All phone numbers in the list can be dialed through Dial Key.

Press Enter to view details after phone number list appears. You can press Save to store this number to the phone book after entering.

Emergency Calls

You can call emergency services if you are within the network coverage (you can check it by viewing the network signal strength bar in the upper left corner). If the network supplier doesn't provide roaming service, then "EMERGENCY" appears on the screen, which means you can only call these calls. You can dial emergency calls within the network coverage even if there's no SIM card.

Answer Calls

You can press any key to answer the phone once Anykey Answer is set to on, or you shall press Dial Key or Left Soft Key to answer, and then press Left Soft Key again to speak on the phone. You can also press the key on the headset to answer calls once the headset is inserted. Hence, you can set Auto Answer to On once it's inconvenient for you to press keys, and the phone answers automatically after vibration & ring or vibration lasts for 5 seconds once the headset is inserted.

Call Register

The phone saves the record of your last call and call duration since the phone is used (Please refer to Section 3.9.1 Call Register).

Call Menu

Press Handsfree to enter handsfree function under call status. You can press Options to enter call options. The operation way of call options is the same as the operation way of function menus.

You can see Call Menu only during calling; besides, functions like call waiting, call transfer and multiparty conversation, need network support. So, please contact your network supplier.

You can perform following operations under call **Options** menu:

- Hold single call
Keep current call or restore saved call.
End single call/End current call.
- New Call

- Make a call to a new participant.
- Phonebook
 - Enter phone book to view.
- Messages
 - Write message and send out the message.
- Sound record
 - Record call voice.
- Mute
 - Do not send (or send) local voice.
- DTMF
 - Press Left Soft Key to open or close dual tone multi frequency.
- H-Free
 - Enable loudspeaker to amplify call voice.

Function Menu

(※ Some part functions below depends on the function support status of specific phones)

Use of Function Menu

Scroll to select functions

- Select to enter main function menu under standby status;
- Press keys or click touch screen to follow prompts to enter or exit from menu under main menu or submenu.

Exit from menu

Generally, you can exit from some menu items by pressing Right Soft Key. (If this phone supports touch function, you can use touch pen to click small icon in the lower right corner to exit from some menu items.) Press End Key to return to standby interface.

Structure of Function Menu

The default structure of function menu is as follows after SIM card is inserted and the phone is power on:

Phonebook

- 1-1 Quick Search
- 1-2 Search contact
- 1-3 Add new contact
- 1-4 Copy all
- 1-5 Delete

- 1-6 Caller groups
- 1-7 Extra numbers
- 1-8 Settings
 - 1-8-1 Memory status
 - 1-8-2 Preferred storage
 - 1-8-3 Fields
 - 1-8-4 My vCard
 - 1-8-5 vCard version
- 1-9 Caller picture
- 1-10 Caller ringtone
- Messages
 - 2-1 SMS
 - 2-2 MMS*
 - 2-3 Chat
 - 2-4 Voice mail server*
 - 2-5 Broadcast message*
- Call Center
 - Call history
 - Missed calls
 - Dialed calls
 - Received calls
 - Delete call logs
 - Call Duration
 - Call times
 - SMS counter
 - GPRS counter
 - General call settings
 - Call settings
 - Caller ID
 - Call waiting*
 - Call divert
 - Call barring
 - Line switching
 - Closed user group
 - Blacklist
 - Auto redial
 - Speed redial
 - IP dial
 - Call time display
 - Call time reminder
 - Auto quick end

Settings

- Dual SIM settings
- Pen calibration
- Phone setup
 - Motion calibration
 - Motion settings
 - Time and date
 - Schedule power on/off
 - Language
 - Preferred input method
 - Display characteristics
 - Greeting next
 - Shortcuts
 - Dedicated Key
 - Auto update of date and time
 - Handwriting
 - Misc. settings
- Network setup
- Network Selection
 - Preferential Network
 - GPRS Connection
- Security Settings
 - SIM Lock
 - Phone Lock
 - Keypad Lock
 - Fixed Dialing*
 - Prohibit Dialing
 - Change Password
- Restore Factory Settings

Multimedia

- TV
- Camera
- Image viewer
- Video recorder
- Video player
- Audio player

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- Sound recorder
- FM radio
- Schedule FM record
- E-Book reader
- File Manager
- Fun & Games
- Profiles
 - General
 - Meeting
 - Outdoor
 - Indoor
 - Headset
 - Bluetooth
- Organizer
 - Calendar
 - To do
 - Alarm
 - World clock
 - city demand
 - Stopwatch
- Services
 - *STK Service (It has something to do with network operator)
 - WAP
 - Data account
- Extra
 - Calculator
 - Currency converter
- Bluetooth

Note: Menu with "*" appears only under certain conditions.

Phone book

You can use the phone book function to store the name card information for some important persons, such as name, phone, homephone and company phone etc. Select the phone book from the main menu, and enter it.

Note: This phone can store 500 phone numbers.

You can see the following options in the phonebook: quick search, search contact, add new contact, copy all, delete, caller groups, extra number, settings, caller picture, and caller ringtone etc.

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- **Quick Search:** Select this option to enter the phone book browse interface, it will provide a search input box below the window, and you can input the relative information here to take the screening of the phone records. The searching ways available for selection: 1. Pinyin; 2. Stroke; 3. English 4. Number.
- **Search contact:** Find record by name in the phonebook.
- **Add new contact:** Add a new phone record in the phonebook, and you can select the storage way to SIM card or the phone. There is little differentiation in the storage format for SIM card and the phone.
- **Copy all:** Copy all the records in the phone or SIM card, and it can select copy from the phone to SIM card, or from SIM card to the phone.
- **Delete:** Select this option to delete the phone record; select From SIM Card to delete all the phone records in SIM card; select From Phone to delete all the phone records in the phone; select Delete One by One to delete the phone records one by one;
- **Caller groups:** This phone provides 5 caller groups, you can take the personalized settings of name changing, ring tone, caller picture, caller animation and group member for every group.
- **Extra numbers:** Other numbers stored in SIM card (this phone number/service number/emergency number). You can view and change them.
- **Settings:** The setting function of the phone book. Which is classified into five menus: Memory status, Preferred storage, Fields, My vCard, and vCard version.
 - **Memory status:** The storage state of the phone records in SIM card and the phone.
 - **Preferred storage:** Select the preferential storage position: phone, card A and card B.
 - **Fields:** Set the contents including the phone book (10 settings of the home phone, company name and E-mail etc.).
 - **My vCard:** Edit or send the vCard in the phonebook.
 - **vCard version:** Select the vCard's version.
- **Caller picture:** Set the image that will display when having incoming call.
- **Caller ringtone:** Select the ring prompt when having incoming call.

Message

Select "Messages" menu to enter the sub-menu.

If your network supports SMS, you have applied for this service to the network supplier, then you can receive and send Chinese,English SMS and MMS by the Short Messaging Service Center.

New Message

When you receive a SMS, the phone will sound the vibration (if it has been turned on) or the prompt tone (if the prompt tonefunction has been turned on), and the screen will display the animation. If you don't want to read it immediately, it will displaythe prompt that have new message in the standby interface, and will store this message into SIM card automatically.

The number of SMS (including the received and locally stored SMS) that can be saved in SIM card depends on the capacity of SIM card.

To read the new message, you can take the following operations: enter the inbox sub-menu, and press OK to read the new SMS.

Write Message

SMS network service allows you to send the text message to the other phones that can receive message.

Please confirm that you have set the Short Messaging Service Center Number before creating message (please see "MessageSettings").

Enter Write message sub-menu to input SMS (please see chapter 4.2 "Instructions on Input Method").

-SIM1 done: Selecting this option indicates that this message has been inputted completely, and it can enter the operation of the next step by SIM card A.

-SIM2 done: Selecting this option indicates that this message has been inputted completely, and it can enter the operation of the next step by SIM card B.

-Use templates: Insert the preset common phrases in this SMS.

-Insert object: Insert the picture, ring and animation etc. in this SMS.

-Format text: Define the word format of this SMS.

-Insert number: Insert the phone number of the selected entry in the phone book.

-Insert name: Insert the name of the selected entry in the

phone book.

-Insert bookmark: Insert the bookmark used.

-Input Method: Change the input method when editing SMS.

- Select **Done** after writing, you can use the touch pen to select **Send only**, **Save and Send**, **Save**, **Send to many** or **Send by group** by scrolling to send this message to other phone number.

-Send only: To send this message, select this option to enter the inbox edit box, you can touch the **number small icon on the lower of the interface** to input number, or press Search to provide the phone book, select the number of the receiver from the phone book, and press **OK** to send.

-Save and Send: Store this SMS into the outbox at the same time of sending.

-Save: Don't send this SMS and store it into the outbox.

-Send to many: Send this SMS to the multiple phone numbers.

-Send by group: Send a group, and send this SMS to all the members of this group.

Note: The Short Messaging Service Center doesn't support the long and short message with over 70 Chinese characters (or 160 English characters) in some cities and areas.

View Received Messages and Saved Messages

- Enter the inbox sub-menu to view the received SMS; enter the outbox to view the SMS that have been stored in the SIM card.

- It will display the message receiving date and time and the number or name of the receiver when viewing the message list of the inbox (when the number exists in the phone book).

- It can select the previous message or the next message when viewing the message list.

- It can press OK to read the details of the message when appearing the message list of the inbox. It can take the following operations by option at this time:

-Reply: Send SMS to the sender of the current SMS.

-Delete: Delete the current SMS.

-Edit: Extract the content of the SMS, and enter the edit box.

-Forward: Forward this SMS.

-Copy to Phone (Copy to SIM Card): Copy the current SMS on SIM card (or the phone) to the phone (or SIM card) to store.

-Move to Phone (Move to SIM Card): Move the current SMS on SIM card (or the phone) to the phone (or SIM card) to

store.

-Chat: Enter the chat room to chat by SMS.

-Delete All: Delete all the SMS in the inbox.

-Copy All: There are two available copy ways of From SIM Card and From Phone.

-Move All: There are two available copy ways of From SIM Card and From Phone.

-Use Number: Extract the phone number of the sender of the SMS, and you can dial it or save it into the phone book.

-Use URL: Extract the URL in the SMS.

- It can press OK to read the details of the message when appearing the message list of the outbox. It can take the following operations by option at this time:

-Send: Send this SMS. You can select Card A Send, Card B Send, Send to Many and Send by Group to send this SMS to many persons.

-Edit: Extract the content of the current SMS to take edit.

-Delete: Delete this SMS.

-Copy to Phone (Copy to SIM Card): Copy the current SMS on SIM card (or the phone) to the phone (or SIM card) to store.

-Move to Phone (Move to SIM Card): Move the current SMS on SIM card (or the phone) to the phone (or SIM card) to store.

-Delete All: Delete all the SMS in the outbox.

-Copy All: There are two available copy ways of From SIM Card and From Phone.

-Move All: There are two available copy ways of From SIM Card and From Phone.

-Use Number: Extract the phone number of the receiver of the SMS, and you can dial it or save it into the phone book.

-Use URL: Extract the URL in the SMS.

Operations of Common Phrase

It can write some common sentences in the templates, to avoid inputting repeatedly when sending SMS. You can select to edit or delete after finishing writing.

Message Settings

You need to take the necessary settings before using the function of SMS.

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Enter the SMS settings sub-menu:

- Profile settings:** Select an appropriate mode for the SMS of the phone. Enter to the individual mode to take the settings for the corresponding name, Short Messaging Service Center Number, effective term and sending format.
- Common settings:** Set whether to turn on the message report or reply path.
- Memory status:** View the space occupying state of the mailbox in SIM card or the phone.
- Preferred storage:** Select the phone or SIM card.

MMS

- **Write message:** Create a MMS message. You need to fill in receiver, copy, BCC, subject and content.
- **Inbox:** View the received multimedia messages. (The detailed operations are the same as the ones for the inbox of SMS)
 - View:** View the current MMS.
 - Reply:** Reply the sender in SMS.
 - Reply by SMS:** Send a MMS to the sender of the MMS.
 - Reply all:** Reply the sender and all other receivers in SMS.
 - Forward:** Forward the current MMS to others.
 - Delete:** Delete the current MMS.
 - Delete All:** Delete all the contents in the inbox.
 - Save as template:** Save the MMS as template.
 - Properties:** View the details of the current MMS.
 - Use details:** Extract the phone number of the receiver of the MMS.
- **Outbox:** Store the MMS that have not been sent successfully. (The detailed operations are the same as the ones for the outbox of SMS)
 - View:** View the current MMS.
 - Send:** Continue to send the current MMS.
 - Delete:** Delete the current MMS.
 - Delete All:** Delete all the contents in the inbox.
 - Save as template:** Save the MMS as template.
 - Properties:** View the details of the current MMS.
 - Use details:** Extract the phone number of the receiver of the MMS.

Drafts: It can save the edited but not sent MMS here.

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- View:** View the content of the current MMS.
- Send:** Send the current MMS.
- Edit:** Edit the current MMS.
- Delete:** Delete the current MMS.
- Delete All:** Delete all the contents in the draft box.
- Save as template:** Save the MMS as template.
- Properties:** View the details of the current MMS.
- Use details:** Extract the phone number of the receiver of the MMS.

- **Sent items:** Save the messages that have been sent successfully.

- View:** View the sent MMS.
- Message Details:** View the details of the current MMS.
- Forward:** Forward the current MMS to others.
- Delete:** Delete the current MMS.
- Delete All:** Delete all the contents in the sent items.

- **MMS settings:** Set the relative parameters of MMS sending and receiving.

- Compose:** Some relative parameter settings on MMS compose.

- Send:** Some relative parameter settings on MMS sending. For example, Within Use Term, Send Report, Read Report, Priority, Interval and Sending Time etc.

- Retrieve:** Some relative parameter settings during MMS receiving. For example, Main Network, Roaming Network, Send Read Report and Allowed to Send Report etc.

- Filter:** Filter some MMS.

- Server profile:** Select the appropriate server.

- Memory status:** View the capacity information of the MMS.

Chat

- **Chat room info:** Select a chatting room, and set the nickname and the concerned phone number who will chat with you.
- **Start new:** Input the message, and start to chat with the preset phone number.

Voice mail sever

User Manual

Your received voice messages will be stored in the network, and you must dial the voice mailbox number in order to listen the message.

- **Call voice mail:** Call the set voice mailbox number, and listen the message.
- **Edit:** You can add/edit the voice mailbox number, so that it will be more convenient when using the function of the voice mailbox.

Broadcast message

- **Receive mode:** Select to turn on the receiving mode, and turn off/rejecting receiving the messages of the cell broadcast.
- **Read Message:** Enter this menu to read your tailored cell broadcast message.
- **Languages:** Set the language in receiving cell broadcast.
- **Channel settings:** Set the channel of the cell broadcast. Note: The services for the cell broadcast and the voice mailbox are provided by the operator, please contact your operator.

Call center

Call history

- **Missed calls,** press OK to view the list on the missed calls.
- **Dialed calls,** press OK to view the list on the dialed calls.
- **Received calls,** press OK to view the list on the received calls.

In the interfaces of the lists on the missed calls, dialed calls and received calls, you can press OK to view the details of this record, including date, dialing time, number and dialing number.

In the details interface, you can take the following operations for the currently selected phone record by option:

- Delete** Delete this record.
- Save** Save this number into SIM card or the phone.
- Call** Dial this phone number.
- Edit** Edit this phone number and save it into the phone book.
- Send SMS** Send message to this number.
- Send MMS** Send MMS to this number.
- **Delete call logs** There are 4 sub-menus in Delete Call Register: **Missed Calls, Dialed Calls, Received Calls and**

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- Delete All.**The user can select to clear a certain call list, and select Delete All to delete all the record lists in the call register.
- **Call times** There are 4 sub-menus in Call Duration: Last Call Duration, Dialed Calls' Duration and Received Calls' Duration and Clear Timers.
 - Last call** View the duration value of the last call.
 - Dialed calls** View the total duration value of the dialed calls.
 - Received calls** View the total duration value of the received calls.
 - Reset all time** Clear the data in the timing statistics, and start to time again.
 - **Call cost** It can store the accumulated cost of the calls by Call Costs. 24
 - Last call cost**Enter the Last Call Cost sub-menu, and view the last call cost.
 - Total cost** Enter the Cost Summary sub-menu, and view the accumulated call costs.
 - Reset Cost** Input PIN2 code to clear the cost calculator, and start to cost again.
 - Max cost** Enter the Charge Restriction sub-menu to view, change or cancel this function. It needs to input PIN2 code for changing andcanceling functions.
 - Price per unit** Enter the Price and Cost Rate sub-menu to view, change or cancel this function. It needs to input PIN2 code for changing andcanceling functions.
- Note: You need to input PIN2 code for some operations, please contact your network supplier to get this password.
- **SMS counter**
 - Sent:** Record the number of the sent messages.
 - Received:** Record the number of the received messages.You can select to reset by the left soft key to clear the two items respectively.
 - **GPRS counter**
 - Last sent:** Record the byte number of the last transmission.
 - Last received:** Record the byte number of the last receiving.
 - All sent:** Record the total transmitted byte number.
 - All received:** Record the total received byte number.
 - Reset counter:** Start to count again.

General call settings

■ Call Settings

-Caller ID

Set by network: Whether the number sending uses the system default value.

Hide ID: The other party will not see the number when you calling. (Needed to be supported by the operator)

Send ID: The other party can see the number when you calling.

-Call waiting

Turn on or off the call waiting function. Select View to view the current call waiting status.

-Call

Divert

Divert all voice calls: After turning on Unconditional Transfer, and the incoming calls in any state will be transferred to your set number.

Divert if unreachable: After turning on Transfer if not unreachable, and the phone will transfer the incoming call to your set number when the other party cannot contact you.

Divert if no answer: After turning on Transfer on no answer, and the phone will transfer the incoming call to your set number when no answer.

Divert if busy: After turning on Transfer on busy, and the phone will transfer the incoming all to your set number when busy.

Divert all data calls: When the incoming call is a data call, and the phone will transfer it automatically.

C

Cancel all diverts:

Cancel all the call transfer.

-Call Barring

Take restriction for dialing calls.

Outgoing Calls: Restrict the outgoing calls.

Incoming Calls: Restrict the incoming calls.

Cancel all: Cancel the set barring (required to input the password).

Change barring passw: Change the password.

-Line Switching

User Manual

Select line 1 or line 2. Note: Card B is only available for line 1.

-Closed user group

Turn off the group function.

Note: This function is not supported by card B.

- **Black list:** The numbers listed in the blacklist will be shielded.

Note: This function is not supported by card B.

- **Auto redial:** The phone will redial automatically for every unsuccessful calling after turning on Auto Redial.

Note: This function is not supported by card B.

- **Speed dial:** Set the speed dial. In the standby interface, long press the corresponding number keys to call the set phone number.

Note: This function is not supported by card B.

- **IP Dial:** Set and turn on this item, and it can realize the IP dial function by the number records in the phone book.

Note: This function is not supported by card B.

- **Call time display:** Display the call duration, select "Off" will not display the call duration.

Note: This function is not supported by card B.

- **Call time reminder:** The phone will sound the prompt tone when reaching to the time after setting the frequency.

Note: This function is not supported by card B.

- **Auto quick end:** Set the connection time of call attempt.

Note : Some functions need to be supported by the network operator.

Settings

Dual SIM settings

Set the dual card mode. Total 4 modes: "Dual SIM open" "Only SIM1 open" "Only SIM2 open" "Flight mode"

About Flight Mode: *Flight mode is used to close the phone communication function, that it cannot receive, dial call and send message, has no signal connection with the base station, and doesn't attempt to contact the base station. The phone will turn off all the relative functions on the signal in the mode, but it can still continue to use the other functions when switching on the phone, for example, view the phone book, enjoy the articles and films on the phone etc. Note: Because now the civil*

aviation authority has not issued the regulations on "Flight Mode", the passenger shall still switch off the phone before going on board according to the related regulations on the airplane; in the normal states (such night), it canswitch to this mode, and save power – because the signal consumes most power of the phone, and it can save power greatly forswitching off signal in the flight mode.

Pen Calibration:

It will be more accurate when using the touch pen by calibrating the touch screen.

Phone setup

- **Motion calibration:** Calibrate the acceleration sensor by the horizontal calibration.
Acceleration sensor's calibration method:
Enter the "Motion calibration" menu and the screen displays the prompt "Please place the phone in the plane, Calibration start". After the user places the phone horizontally following the prompt and selects "Yes", the calibration starts. It finished after the screen displays the prompt "Done". During the process, don't move the phone.
- **Motion setting:** Some switches setting related to acceleration sensor.
Switches and description as follow:
Audioplay switch. The default is "On".
On : Can play the next or preceding music by shaking the phone in the interface of audio player.
Off: Turn off it when playing the audio.
Note: The function is off automatically when screen extinguished.
Vodplay switch. The default is "Off".
On: Can play the video with transverse screen.
Off: Turn off it when playing the video.
Incoming switch. The default is "Off".
On: Can answer call by shaking the phone when incoming call; Can mute the phone by turning over the phone.
Off: Turn off it when incoming call.
Imgadv switch. The default is "On".
On: Can browse the next or preceding picture by shaking the phone during the picture browsing.
Off: Turn off it when picture browsing.

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Note: The function is off automatically when screen extinguished.

Wallpaper switch. The default is "On".

On: Can switch the wallpaper in the standby status by shaking the phone.

Off: Turn off it when switching the wallpaper.

Note: The function is off automatically when screen extinguished or keyboard locked.

- **Time and date:** Set time and date.
 - Set home city:** Select a city for the time setting of this phone.
 - Set time/date:** Set the current time and date.
 - Set format:** Set the display format of the time and date, 12-hour or 24-hour.
- **Schedule power on/off:** Set the time, and the phone will switch on or off automatically when reaching to the set time.
- **Language:** Set the language in displaying the phone menus.
- **Preferred input method:** Select a default input method.
- **Display characteristics:**
 - Wallpaper:** Select the wallpaper of the standby interface.
 - Screen saver:** Select a screen protection picture for the standby interface of the main screen, and set the waiting time.
 - Power on display:** It can select the picture of On animation.
 - Power off display:** It can select the picture of Off animation.
 - Show date and time:** Select to turn on or off Display the current time in the standby interface.
 - Show owner number:** Select to turn on or off Display my phone number in the standby interface.
 - Clock type:** It can select the clock type displaying in the standby interface.
- **Greeting text:** Display the welcome note during the On animation. Select Off to not display it.

Shortcuts: You can set the shortcut function you like in this function. This phone offers shortcut functions. Select **Shortcut** to enter the settings of shortcut function after opening main menu. The settings method is as follows: select one piece of shortcut function in the main interface of shortcut function, and press the leftsoft key to enter edit (**Add, edit, delete, delete all** and so on), then press the **left soft key** to confirm, then the settings of this piece of shortcut

- function is finished.
- **Dedicated Key:** Specify the functions of the upper, lower, left

- and right arrow keys in the standby interface.
- **Auto update of date and time:** Select to turn on or off Auto-Update of Time of the phone.
- **Handwriting:** Set the handwriting speed and the color of the handwriting pen.
- **Misc. Settings:** Take settings for LCD brightness and delay time.

Network setup

- **Network selection:**
 - New search:** Register the network again after pressing OK.
 - Select network:** Select the network to register in the network list.
 - Selection mode:**
 - Auto:**
Search the network that SIM card belongs to automatically.
 - Manual:**
Search all the available networks to register manually.
- **Preferred network:**
Pre-store several favorite networks.

Security setup

- **SIM security setup:**
 - SIM lock**
You can set the security options of the phone under this menu, to avoid the phone or SIM card from being used illegally.

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PIN Code PIN code can prevent your SIM card from being used illegally. -If PIN code is off currently, select On to turn on the PIN code protection, and the phone will ask you PIN code when switching on next time; if PIN code is on currently, select Off to turn off the PIN code protection, select Change PIN Code to set the new PIN code, please input the old PIN code, new PIN code and repeatedly input the new PIN code in turn according to the prompt.

Note: If the PIN code has been consecutively inputted for three times, SIM card will be locked. At this point, you must unlock SIM card using PUK code. The PIN code and PUK code may be supplied with SIM card to you. If not, please contact the network operator. The default PIN code is 1234. Please change it to your own password as soon as possible.

-Fixed Dial:

If your SIM card supports the fixed supporting, it can limit the phone to only dial the selected phone numbers. When this function is on, it can only dial the phone numbers in the fixed dialing list or the ones starting with some numbers in the list. Enter the "Fixed Dialing" sub-menu:

Mode: Turn on or off the fixed dialing function (required to input the PIN code).

Fixed dial List: Input the phone numbers for fixed dialing, Note: Turning the Fixed Dialing function on or off requires you to input PIN2 code. Please contact the network operator to obtain PIN2 code. After the Fixed Dialing is on, the numbers in the Fixed Dialing will be displayed after entering the name card holder phonebook.

-Barred dial:

Opposite with the fixed dialing, and you can set Prohibit Dialing for some phone numbers here.

Note: This function is not supported by card B.

■ Phone lock

The phone lock can prevent your mobile phone used by the other without your permission. Select Phone Lock to turn on the phone password protection, and the phone will ask you the phone password when switching on next time; press it again to turn off the phone password protection.

Note: The default phone lock password is 1122, and you shall

change it to your own password as soon as possible.

- **Auto keypad lock:** Set the waiting time of the keypad lock. The keypad will be locked automatically if the phone has not been used within the specified time in the standby status after being set.
- **Change password:** Change the password. Including the changes on PIN, PIN2 and the phone password. Note: Some functions need to be supported by your network operator.

Restore factory settings

The default password of restore factory settings is 1122.






Multimedia

The functions including in this item are: **TV, Camera, Image viewer, Video recorder, Video player, Audio player, Sounder recorder, FM radio, Schedule FM record, E-book reader.**

TV

Enter the TV submenu. First you must select the "Country or Region" in the list, and press OK key, and it will display the analog TV signal. You can press the **TV** key from the front keyboard to enter the TV program directly. Incorrect selection of location will result in falling to search the TV program or lower TV signal quality.

Instructions on Touch Keys:


-  **symbole** indicates to turn off the TV program.
 -  **symbole** indicates all channel automatic search.
 -  **symboles** indicates the volume up or down.
 -  **symboles** indicates channel manual search.
 -  **symbole** indicates if display the signal status under the interface of TV program.
- Under the interface of TV program, You can press the left-soft key to enter the **TV Setup** menu:

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- **country or region:** Select the correct location of user.
- **Search:** Execute all channel automatic search.
- **Show signal:** Set if display the signal status under the interface of TV program.
- **Hint for Singal Weak Auto On:** Set if display the prompt when weak signal under the interface of TV program.
- **Mute:** Set if mute the TV program.
- **Brightness:** Adjust the brightness of TV program.
- **Restore Default:** Restore the default setting of above parameters.
- **Help:** Supply some help about TV function to user.

Camera

Your phone has been equipped with the function of camera, and you can press the **small shooting icon** in the central on the lower of the screen to shoot. Press the individual small icons in the view finding interface of shooting to set the following, such as shooting size, photo quality, shooting mode, continuous shooting setting, delay shoot and special effect setting etc. You can also enter the settings of the relative items by option.

The phone is equipped two cameras, user can switch between them by click the icon “” on the touch plane in the interface of shooting.

Enter the following by options:

- Photos:** Enter the album.
- Camera settings:** Settings for some relative parameters on shooting
- Image settings:** Settings of photo size and photo quality.
- White balance:** It can set the color of the illumination for the photo.
- Scene mode:** It can set the shooting mode.
- Effect settings:** Set the style of view finding.
- Add frame:** Select a frame at the photos.
- Storage:** Select to store the photo into the phone or the memory card.
- Restore default:** Set it to Restore to Default Settings.

Note: In the view finding interface of shooting, press the corresponding number keys to take the settings for the appropriate image effect, and can also touch the certain position on the touch screen to take settings.

Image viewer

Enter the album to take the settings for the photo, such as browse, send, delete and rename etc.

Video recorder

Your phone provides the function of the video recording, select the Video Camera menu to enter it, and press Rocker key to enter the recording.

Note: For the models supporting the touch screen function, pressing the red round button on the lower of the screen to realizerecording. Press horizontal arrow keys to adjust the brightness of the recording, and press vertical arrow keys to adjust the focus of the recording.

Enter the following by option:

-Camcorder settings: Select this menu to enter the settings of some relative parameters of the video camera.

-Video settings: The settings of the relative parameters of video.

-Effect settings: You can select a special effect for this recording.

-Storage: Select to store into the phone or the memory card.

-Restore default: Restore all the settings to the default values.

Note: In the recording interface, press the corresponding number keys to take the settings for the appropriate image effect.

Video player

Enter the video play.

Enter the following by options:

-Play: Play the currently selected file.

-Forward: Transmit the currently selected file (can be transmitted to the MMS, bluetooth).

-Rename: Change the name of the currently selected file.

-Delete: Delete the currently selected file.

-Delete all files: Delete all the current archives.

-Sort by: Sort the archives (by name, type, time, size or no).

-Storage: View the storage location of the file (can be stored into the phone or the memory card).

Note: The default file name of the video player is Video (the phone or the memory card).

Audio player

Select Audio player to enter the mp3 play interface. The functions of the individual keys are as following:

-Upper Key: Play/pause the current music.

-Lower Key: Stop playing.

-Left Key: Select the previous song.

-Right Key: Select the next song.

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-2 **Key**:Louder the speaker.

-8 **Key**:Lower the speaker.

The words displaying on the lower side of the music player screen: **List** and **Back**. It can also select "Option" under the list to enter the functions of Play,Details, Add to ringtones, Refresh list and Settings etc.

-**Play**: Play the currently selected song.

-**Details**: View the details of the song.

-**Add to ringtones**: Set the current song into the ring store.

-**Refresh list**: Update the music in the ring library.

Note: It can realize the following functions for the models supporting the touch screen function:

Instructions on Touch Keys:

▲ and ▼ symbols indicate the volume up and volume down.

▶ and || Pressing the two symbols indicates that turn on/off the music player and pause.

■ Pressing this symbol indicates that replay the music.

⏮ and ⏭ Press the two symbols to switch to the previous song and the next song respectively.

-**Settings**: Take the settings for the multimedia play.

1. **Pre. Play list**: The phone space or the memory card space.
2. **List auto gen**: Select to turn on or off.
3. **Repeat**: Turn on this option to replay song.
4. **Shuffle**: Turn on this option, and the songs will play at random.
5. **Background play**: Turn on this option, and the music will not stop with the menu exit.
6. **BT stereo output**: Turn on this option, and the music will output with the BT receiver.
7. **BT stereo headset**:Select BT headset as the output.
8. **Spectrum display**: Turn on this option, and it can display the energy style in mp3 player.
9. **Lyrics display**: It will display lyric when playing mp3 after turning on this option, and it will not display the lyric if turning off it. Note: The default file name of the music player is My music (the phone or the memory card).

Sound recorder

Select this option to take audio recording. Select the following options to enter:

-**Record**: Record a new voice.

-**Play**: Play the currently selected audio recording.

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- Append:** Annex a new audio recording on the base of the original not audio recording.
- Rename:** Change the name of the current audio recording file.
- Delete:** Delete the current audio recording file.
- Delete all files:** Delete all the audio recording files.
- Settings:** Set the audio recording format.
- Forward:** Send the current audio recording to the profile mode or MMS or bluetooth.

FM radio

It can use the FM radio only after inserting the handset. Enter the FM Radio play interface, and it will display the following words on the lower side of the FM radio screen: **Options** and **Back**. Select "**Options**" to enter the functions of Channel List, Manual input, Preset auto Search and Settings etc.

- Channel List:** Channel list of the FM radio, press "Option" key to **Edit** and **Play** the current channel.
 - Manual Input:** You can input any favorite channel of the FM radio.
 - Preset auto Search:** Select this option to search channel automatically and generate the list.
 - Settings:** Take settings for the FM radio.
 1. **Background play:** Select to turn it on or off, and the music will not stop with the menu exit after turning on this option.
 2. **Loud speaker:** The FM radio can play outwards by the loudspeaker after turning on this option.
 3. **Record format:** Define the FM radio record file format.
 4. **Audio quality:** Select the quality of FM radio.
 5. **Record storage:** Define the storage path of record file.
 - Record:** Record the FM radio.
 - Append:** Annex a new FM radio recording on the base of the original not audio recording.
 - File list:** List the audio recorder file.
- Note: Press the appropriate number keys in the FM radio interface to enter the corresponding channel.

Schedule FM radio

Pre-define the time of FM radio record.

E-Book reader

The storage location of E-book file is the memory card, and you need to download by USB data line. You can store E-book into the folder name "eBook", and it needs to create a file folder named as "eBook" if there is no folder in the memory card.

Enter the E-book cabinet list to select "Options":

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- Open E-Book:** It can read the content of E-book.
 - Clean up bookshelf:** Update the E-book list.
 - Global settings:** It can take the settings for the page display of E-book (including: font, font style, volume page, speed,full speed, encoding way and storage settings etc.).
 - Book info:** View the details of the current E-book.
 - Delete:** Delete the current E-book.
 - Delete all files:** Delete all the contents in the E-book cabinet list.
 - Sort by:** Sort the E-book list (by name, type, time and size, or not sort).
 - Apply global settings:** Apply the previous global settings.
 - Help:** Prompt the help information!
- Note: Enter the E-book list, and press the corresponding number keys to set (it can also use the touch pen to click the softkeypad to set).

File Management

Manage the files in the phone or the memory card.

Enter the options of the folder:

- Open:** Display the content of this folder.
- New folder:** Create the new material folder in the folder.
- Format:** Format this folder.

Fun & Games

This item provides the relative value-added services. For the detailed information of this function, please contact the network operator.

Instructions on Games Menu:

- Magic Sushi:** Open the game of magic sushi.
- Games settings:** Some parameters related game.

User profiles

The user can select the different profiles, meanwhile, and can custom them. This phone provides 6 profiles: **General, Meeting, Outdoor, Indoor, Headset and Bluetooth.**

- **General** Here you can select to turn on or off your personal

settings.

-Activate Select Activate to enter the general environment.

-Customize Select Personalize to custom the general mode.

The operating contents include: ring tone settings, volume, ringing way, ring type, prompt tone and answering mode.

- **Meeting** The operations are the same as those for General.
- **Outdoor** The operations are the same as those for General.
- **Indoor** The operations are the same as those for General.
- **Headset** The phone will turn on this mode automatically when inserting the earphone. The operations for Personalize are the same as those for General.
- **Bluetooth** Open the bluetooth earphone and activate the bluetooth of the phone at the same time, and it will turn on this mode automatically. The operations for Personalize are the same as those for General.

Organizer

This phone provides **Calendar, To do, Alarm, World clock, City demand and Stopwatch,**

Calendar

Enter the Schedule Management sub-menu, and press OK to display date. Touch the left and right arrow keys on the upper side of the touch screen to select date and month. Pressing the arrow keys directly can also realize this function.

Enter the following sub-menus by option:

- **View tasks:** Display the previous schedule saved in the calendar.
- **Add task:** Create a schedule. Add an alarm remind for it. You can select any one from the five options of **Once, Everyday, Days, Weekly and Monthly**.
 - Once:** Indicate that this schedule will be reminded once.
 - Everyday:** Indicate that this schedule will be reminded at the set moment every day.
 - Days:** Set the ringing time of the alarm clock within one week.
 - Weekly:** Indicate that this schedule will be reminded at the set moment every week.

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-**Monthly:** Indicate that this schedule will be reminded at the set moment every month.

- **Jump to date:** Skip from the current date of the schedule to the specified date.
- **Go to monthly view/Go to weekly view:** Switch the view style.

To do

This phone can store up to 50 memo messages. Select the "To do" in the sub-menu, and you can take the following operations for the memo: **Browse, Add, Edit, Delete Record, Delete All and Send Schedule.**

Alarm

This phone can set 5 alarm clocks. Select one alarm clock, and you can edit and set it.

World clock

Touch the screen to select the corresponding times of the individual countries in the world, and press Option to turn on or off Start Daylight Saving Time in other cities.

City demand

Input the number to be inquired, and the phone will display where the number belongs to; it will also display the belonging place of the number in the incoming call interface.

Stopwatch

Realize the functions of the stopwatch:

- **Typical stopwatch:** General stopwatch is classified into **Split Timing** and **Lap Timing**, press the left soft key to start/stop timing, and press the **right soft key** to take split timing.
 - Split timing:** It will not clear the time after recording the next record for the split recording, which is applicable for recording the test performance with not over 20 persons (for example, 1000m test for one class).
 - Lap timing:** It will clear the time after recording the next record for the lap timing, which is applicable for recording the performance per lap for one person (such as professional athlete) who is running by lap with long distance, and cannot be over 20 laps at most.
 - View record:** View the saved records in splitting timing and lap timing.
- **nWay stopwatch:** The multi-stopwatch has 4 directions, which is controlled by pressing the up, down, left and right arrow keys respectively.

Services

STK Service

This function including brand value-added service of Monternet, M-zone and global surf is supplied by network supplier. This function can't be used if the SIM card and the network supplier don't support this service. Please contact your network supplier for more information.

Note: Card B doesn't support this function.

WAP

Your phone supports the service on the base of WAP. You can access the service your network operator supports. You can get the information of news, weather forecast, scheduled flight and so on through this service function list.

Note: GPRS service needs network support, it can only be used after being activated and when it is at the cover area of GPRS network.

-Homepage: log in home. The Home is WAP station you set in the enabled connection settings. The station preset by the manufacturer will be used if you haven't set.

-Bookmark: display each existing bookmark. You can directly link to its corresponding website after selecting one.

-Recent pages: the websites you have accessed before this record.

-Offline pages: the offline content you have saved in the memory.

-Input address: selecting this option you can input any WAP or other websites.

-Service inbox: used to store the messages that service supplier sends.

-Settings: Some settings related to internet surf.

Data account

■ GSM data :

Select one account to enter:

1 **Account name:** the name of this account. You can select edit to change it.

2 **Number:** the number of this account.

3 **User name:** the account of dial dial-up server not WAP gateway.

4 **Password:** the password of dial-up server not WAP gateway.

5 **Line type:** select line type by analog or figure.

6 **Speed:** select proper transmission speed.

7 **DNS:** IP address.

- **GPRS data:**
Select one account to enter:
 - 1 **Account name:** the name of the account. You can select edit to change it.
 - 2 **APN:** input APN.
 - 3 **User name:** the account of dial dial-up server not WAP gateway.
 - 4 **Password:** the password of dial-up server not WAP gateway.
 - 5 **Auth. type:** select the cipher mode of the authorization.

Extra function

Calculator

Your phone supplies you a calculator with four basic functions with which you can do simple calculation. Select one the options of calculator and press OK to enter. -Input the figures to be calculated in the interface at the touchable screen. -Or input figures by 0-9 numeric keys. -Press the right soft key to clear latest input or result one by one and press the right soft key to exit the calculator and press the left soft key to confirm the calculation result.

Note: please understand us for the rounding error for a limited precision of the calculator.

Currency converter

To carry put exchange rate conversion, you should input exchange rate first and then input native or foreign monetary value and press left soft key to confirm, then the value you want will be displayed in another edit box.

Bluetooth

- **Power:** You can activate or close blue tooth function through this switch.
- **Inquiry audio device:** the phone can automatically search handsfree devices with this function. (Generally, the default password of bluetooth is 0000, please see instruction of bluetooth headset)
- **My device:** Bluetooth device can be searched out automatically through new device, and its name can be displayed on the screen of the phone, then you can do suited settings as the prompt.
- **Active devices:** Active the selected bluetooth device.

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- **Settings:** menu settings after bluetooth is successfully connected.
 - Visibility:** This phone can be searched; other bluetooth devices can search out this phone after this function is on, which it can't be searched by other bluetooth devices when this function is off.
 - Change device name:** the name of this phone can be defined.
 - Authentication:** it will prompt to input bluetooth password when this phone is searched if this option is on, while it prompt nothing when this phone is searched if this option is off.
 - Audio path:** Set the default path of audio player output
 - Storage location:**Phone or memory card.
 - FTP settings:** File transmission settings
 - (1) Shared folder: select the path to share the files.
 - (2) Access right: set the transmission authority.
- **About:** the information about bluetooth will be displayed after bluetooth is activated.

Input Method Instruction

This phone supports Chinese simplified input method. The input methods supplied to you include English input method (capitalcase and lower case letter), number input method, Pinyin input method, smart Pinyin, stroke input and punctuation mark(common punctuation marks) input method. The functions permit to input characters in the phone are:

- inputting and editing SMS.
- inputting and editing names in phone book.
- looking for the name of telephone number.
- self defining welcome notes and name of phone owner.
- recording names in tool box.

Keypad Definitions

Common keypad definitions are as follows. Please refer to section 4.2 input method instruction for detailed keypad definitions at input method status. Left soft key usually indicates confirmation while right soft key usually denotes deleting one character.

- # key: you can switch among different input method through this key.
- * key: symbol input can be called out by this key.

Numeric keys (1-9) represent the pinyin letter on them at Pinyin input state, while they represent the letters on them at English input method.

English and Number Input

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The detailed definitions of the keypad at stroke input method are:

Key	Corresponding character or function
Numerical key 1	. , - ? ! ' @ : # \$ / _ 1
Numerical key 2	ABCabc2
Numerical key 3	DEFdef3
Numerical key 4	GHIghi4
Numerical key 5	JKLjkl5
Numerical key 6	MNOmno6
Numerical key 7	PQRSpqrs7
Numerical key 8	TUVtuv8
Numerical key 9	WXYZwxyz9
Numerical key 0	0 and blank space
* key	Press the * key to call out the symbols
# key	Switch input methods
Left arrow key	Move the cursor left
Right arrow key	Move the cursor right
Left soft key	Confirm

General operation order of English input method:

- Each key is used to input more than one letters. Quickly press the key repeatedly till the letter you need occurs and input next letter when the cursor moves.
- Switch input methods by # key.
- Press 0 key once if you need a blank space at capital or lower case status.
- Clear the error letters by right soft key.

Handwriting Input

Please use the attached touch pen to write characters at the place the phone prompts you to input at character input function. Click the middle at the bottom of the screen by touch pen to switch input methods. ABC represents capital input method, abc represents lower case input method, 123 represents number input method and Pinyin represents pinyin input method. Error characters can be cleared by right soft key or the touch pen. This phone supports continuous stroke input.

T-flash card Introduction

This phone supports the storage function of T-Flash card and its expanded storage function space. The detailed operations are as follows:

Takedown and installation of T-flash card

T-flash card in this phone is under the battery. Insert it as the mark on it. Please open the card buckle first before pulling out the card then take T-flash card out. Note: this phone supports plug & play function. While it is recommended to restart the phone after inserting or taking out T-flash card at power on state to play the information normally. It is recommended not to take out or insert T-flash in general condition.

T-flash Card Use

As one of the memorizers in the phone, T-flash card is set as the default memorizer. You can use it without doing any settings. T-flash card is used as the memorizer of the phone: You should set the default memorizers of music player, video player, videorecorder, camera and recorder as memory card for the first time to insert T-flash card, then you can use the memory and the content of T-flash card. (the corresponding settings methods have been mentioned in the aforesaid functions.) T-flash card is used as U disk: the data in the computer can be directly copied after USB data line is connected. Please refer to the use of U disk for detailed used methods.

Common Faults and Troubleshooting

Please remove the faults the phone happens as the following table

Common fault	Reason	Troubleshooting
Poor reception	Using phone in poor reception area such as the vicinity of high-rise buildings or basement where the radio wave can't reach.	To avoid it as possible as you can.
	Using phone in the time of dense communication such as work began time and closing time when the line is in congestion and results in failure of communication.	To avoid it as possible as you can.

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	It may be resulted by the distance with network emission base station.	To require your network service supplier to supply service area map
Echoor noise	It is resulted by poor network trunk line, which is a territorial problem.	Redial after ending up, the trunk line may change a better line.
	The communication line in some area is poor.	
Short standby time	The standby time is related with network system settings.	The phone is at poor reception area, please power off it for a while.
	It is necessary to change battery.	Change new battery.
	The phone will continue to emit to search base station if it can't receive signal, and then large number of electricity will be consumed, which short the standby time.	Please move to the area with strong signal or power off the phone for a while.
The phone can't be powered on	The electricity in the battery is run out.	View the electricity or charge it.
SIM card is wrong	The SIM card is damaged.	Please contact your network supplier.
	The SIM card is not installed in normal state.	Please make sure the SIM card has been installed normally.
	There is dirty on the metal surface of the SIM card.	Clean the metal contact point of the SIM card with clean cloth.
It can't connect the network.	The SIM card is invalid.	Please contact your network supplier.
	Your phone is beyond GSM service area.	Please inquiry your network supplier for service area.
	The signal is poor.	Please retry in the area with strong signal.

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Calls can't be dialed out.	Call barring function is enabled.	Disable call barring.
	Fixed dialing function is enabled.	Disable fixed dialing function.
PIN error	PIN code is wrongly input for three times continuously.	Please contact your network supplier.
It can't be charged.	The battery or charger is damaged.	Change new battery or charger.
	It is charged in the environment with temperature lower than -10°C or higher than 55°C.	Change charge environment.
	It is not contacted well.	Check whether the plug is connected correctly.
New name can't be added in the phone book.	The phone book is full.	Delete some records in the phone book.
Some function can't be set	Your network supplier doesn't support this function or you haven't apply it.	Please contact your network supplier.

FCC RF EXPOSURE INFORMATION:

WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

BODY-WORN OPERATION:

This device was tested for typical body-worn operations with the back of the phone kept 1.5cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 1.5cm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories that cannot maintain 1.5cm separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

<ANSI C95.1> (1992) / <NCRP Report 86> (1986) / <ICIMIRP> (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

NORMAL POSITION:

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

TIPS ON EFFICIENT OPERATION:

For your phone to operate most efficiently:

- Extend your antenna fully.
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.



RF Exposure Information:

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the body with the minimum separation distance of 1.5cm is **1.010 W/kg**, next to the head is **1.460W/kg**. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

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.

NOTE: 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

Do not use the device with the environment which below minimum -10°C , the device may not work.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.