

Welcome

PLEASE READ THIS INFORMATION BEFORE USING THE PHONE TO MAKE A BETTER USE OF YOUR PHONE. WE ARE NOT RESPONSIBLE FOR ANY DAMAGE DUE TO YOUR MISUNDERSTANDING OF THIS INFORMATION AND MISACTTING.

We are endeavoring to improve our products and services and we reserve all the rights to revise and change the description of this product and its software as well as this user's manual without obligation to notify any person of such revisions and changes.

This user's manual is for your better use of this phone not an approval of any accessories. All the pictures in this manual are for reference only. There may be slight difference between the appearance of phone and keys and contents of display used in this manual and those of your phone. Please refer to your phone for actuality. Some features introduced in this manual are network or subscription-dependent features. Please contact your service provider for confirmation.

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1 Basic Knowledge

1.1 Security

- If your mobile phone is lost or stolen, please report to telecom departments or proxy agencies to ban the use of your lost SIM card and phone, which will protect you from economic loss resulted from unauthorized use.
- When you contact telecom departments and proxy agencies, please show them the **IMEI code** of your mobile phone (it is printed on the label at the back of the phone which can be seen when the battery and the battery cover are removed). Please copy and keep the code at a safe place for further use if necessary.
- To protect your mobile phone from illegal use, please take the following security measures:
 - Set PIN code of the SIM card and revise it before others learn it.
 - Do not expose it in any place when leaving your car, you'd better to take it with you or lock it in your suitcase.
 - Set call restriction

1.2 Safety warnings and notice items

To guarantee the mobile phone always in its best condition, please read the following notice carefully before using the phone.

General Notice

- Only the batteries and chargers authorized by our corporation can be used in your mobile phone. Other batteries and chargers may cause liquid leakage, overheating, explosion and ignition of the battery.
- Do not drop, shake or throw the handset in case it breaks down or catches fire
- Do not put batteries, handsets, and chargers in micro-wave oven or other high-voltage devices, otherwise the circuit will be damaged and catch fire.
- Do not use the mobile phone at places full of flammable and explosive gas, or it may cause handset breakdown and ignition.
- Do not put the phone at places with high temperature/ humidity / dust density, which may cause phone breakdown.
- Store the phone out of reach of children. The phone may cause injury if used as a toy.
- Do not place the phone on an uneven or unsteady surface in case it may drop down and be damaged.

Cautions for phone use

- Please power off the phone at the places where the use of mobile phone is forbidden, such as in the airplane and hospital. Please use the mobile phone in line with relevant regulations of such places because your mobile phone will disturb the normal operation of electronic devices and medical equipments. As the phone can auto- power on when the time is set, please check your alarm to make sure your phone will not auto-power on during the flight.
- Do not use your phone at the places where signal strength is low or near the electronic devices of high precision, for wireless electronic wave may cause malfunction of

electronic devices or other problems. Special attention is required around following devices—hearing aids, pacemaker and other medical equipments, fire detector, automatic door and other automatically controlled devices. As for the effect caused by mobile phone on pacemaker and other medical equipments, please consult the manufacturer or the local dealer of the equipment.

- Do not press the LCD screen or use it to knock at other objects, or it will cause LCD band damage and liquid leakage. When the liquid gets in your eyes, which may result in blindness, immediately wash the eye with clean water and get it treated in hospital (do not rub your eyes).
- Do not disassemble or refit your phone or it may cause damage, electrical leakage and circuit damage of the phone.
- In a few cases, the using of mobile phone in certain types of cars will cause negative effect on the electronic devices in the car. Therefore please do not use your phone in such cases for the sake of security.
- Do not press the keys with sharp points such as needle or pen point, for it will damage the phone and cause malfunction.
- If the antenna is damaged, please do not use the phone, or it may cause physical injury to human body.
- Keep the phone away from magnetic objects such as magnetic card, for the radioactive waves of the phone will erase the information stored in floppy disk, crash-saving card and credit card
- Please keep small metal objects such as thumb pins away from the phone receiver, for the speaker is magnetic when working and will attract those small metal objects, which may cause damage to the phone or human body.

Cautions for battery use

- Do not throw the battery into fire, or it will catch fire and explode.
- When fitting the battery, do not press the battery by force, or it will cause liquid leakage, over-heating, explosion and ignition of the battery.
- Do not cause short circuit by wires, needles, etc. and do not store the battery with metal subjects like necklace, or it will cause liquid leakage, over-heating, explosion and ignition of the battery.
- Do not weld the ends of battery, or it will cause liquid leakage, over-heating, explosion and ignition of the battery.
- If the liquid of battery gets in your eye, which may result in blindness, immediately wash the eye with clean water and get it treated in hospital (do not rub your eye).
- Do not disassemble or modify your battery, or it may cause liquid leakage, over-heating, explosion and ignition of the battery.
- Do not use or place the battery beside fire or heating machine or other hot areas, otherwise it may cause liquid leakage, over-heating, explosion and ignition of the battery.
- Please stop using and replace the battery with a new one when the temperature of battery rises, the color changes or the shape distorts during the process of using or charging.

-
- If the liquid of battery touches skin or clothes, which may cause skin-burning, wash skin with clean water and get it treated in hospital immediately when necessary.
 - Remove the battery from open fire if it has liquid leakage or sends off odd smell in case it catches on fire or explodes.
 - Keep the battery from moisture, or it may cause overheating, smoking and corrosion of the battery.
 - Do not use and place the battery in hot areas with direct sunshine or around automobiles, or it will cause liquid leakage and overheating, which may reduce its performance level and shorten its service life.
 - Charging time should not be over 24 hours

Cautions for charger use

- Use 120v alternating current. Other voltages will cause electric leakage, ignition and damages to the handset and the charger.
- Must not short-circuit the charger, or it will cause electric shock, smoking and damage to the charger.
- Do not use the charger in condition of a damaged power line, or it will lead to ignition and electric shock.
- Clean away the dust covering on the outlet in time.
- Do not put water-containers beside the charger in case water splashes out and causes over-heating, electric leakage and malfunction.
- Immediately remove the charger from outlet if it comes across water or other liquids so as to avoid over-heating, ignition, electric shock and malfunction of the charger.
- Do not disassemble or refit the charger, or it will cause physical injury, electric shock, ignition and charger damage.
- Do not use the charger at places of high humidity such as bathroom, or it will cause electric shock, ignition and charger damage.
- Do not touch the charger, electric wires and the outlet with a wet hand, or it may result in electric shock.
- Do not put heavy stuff on the power line or try to refit electric wires, or it will cause electric shock and ignition.
- Pull out the power plug before cleaning and maintaining.
- Hold the charger while pulling out the plug because pulling the electric wire will cause wire damage and lead to electric shock and ignition.

Cleaning and maintenance

- Handset, battery and charger are not water-proof, so do not use them at places with high humidity such as bathroom and avoid having it caught in rain
- Use soft and dry cloth to clean the handset, battery and charger.
- Do not use alcohol, diluents or benzene to clean the handset.
 - Clean the outlet regularly, because outlet with dirty will lead to bad connection, power down, and even inability of further charging.

General cautions

Handset:

- Use the handset in a physical condition with a temperature between 5°C~40°C and a humidity between 35%~85%
- Keep away with fixed phones, TV sets, radio sets and office automation equipments as possible as you can while using mobile phone lest the performance of those equipments and the mobile phone be affected.

Battery:

- Place the battery at the ventilated places without direct sunshine
- The service life of the battery is limited, and operating time will gradually shorten along with frequent charging. When the charging becomes inefficient for several times, it is time to replace it with a new battery of authorized type.
- Do not cast the worn-out battery into daily rubbish bin. Dispose it according to the instructions at the places where there is a clear sign of worn-out battery disposition.

Charger:

Do not charge the battery at following places—places with direct sunshine; places with a temperature either below 5°C or above 40°C; Places with high density of humidity /dust or fierce shaking (causing malfunction); places around TV sets, radio sets and other electric equipments (affecting visual and sound effect).

FCC Caution:

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

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: 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.

This wireless phone meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR, The SAR limit set by the FCC is 1.6 W/Kg.

2 Before Use

Illustration of the Phone Parts

2.1 Battery

The accessory lithium battery of the handset, which is half-charged in its original state, can be immediately used after unpacked. A new battery performs best after full charge/discharge cycles for the first three times.

Charging the Battery

- Connect the charger to power supply
- Plug the charger connector into the charge port at the top side of the phone. (Note: Put upward the side with arrow.)
- Now, a charge indicator displays on the upper right corner of the screen and flickers during the charging process. If the battery is charged in power-off condition, the screen will display charging indicator to tell the phone is charging. If the phone is over-used in shortage of battery, the screen may not display the charge indicator immediately but after a while.
- When the battery level indicator changes from charging symbol to full level indicator and stops flickering, it means charge has been finished. If the battery is charged in power off condition, a charging-stop animation indicates the charge has been finished. Generally the whole charge process needs 3~4 hours. During the charge process, your phone and charger may become hot, and this is a normal phenomenon.
- Please disconnect the charger with the phone and the outlet when finish charging

Note:

- Please put the phone at the ventilated place with temperature between $+5^{\circ}\text{C}\sim+40^{\circ}\text{C}$. Please use the charger provided by the provider. Using unauthorized charger may cause danger and violate the authorization and warranty rules of the phone.
- Please charge the battery in time when your phone auto-powers off or displays a warning “battery is low”. If the battery is not fully discharged, the phone will reduce charging time automatically.
- The phone’s talk time and standby time are based on ideal working environments. In practice, the battery work time varies with different network conditions, work environments and modes.
- Make sure the battery is properly installed while charging; do not remove the battery during charging.
- If the charger is not disconnected with the phone and the outlet, the phone will be charged again after a certain time (about 5~8 hours) when the battery is consumed to a certain degree. We do not suggest you would practice in this way for it will cause negative effect on the performance and lifetime of the battery.

2.2 Usage of USB

- Insert the USB cable in power on status:

Plug in USB cable in power on status and the menu will be popped out:

- 1) Mass Storage: it can still be in power on status and be used as a U-disk, while it has the function of USB charging.
- 2) Webcam: to use it as a network camera.
- 3) COM Port: it can be used as a modem or USB charging function.
- 4) PictBridge: select this function to print or scan picture.

- Insert the USB cable in power off status: to use it as a U-disk, while it has the function of USB charging.

2.3 Connecting to the network

SIM card

Please insert a valid SIM card (user Identification card) into the phone before using it. SIM card is the key for you to enter digital GSM network.

Everything about setting connection to the network and your call log is initialized and saved in the SIM card, together with information of names, phone numbers and short messages in your phonebook stored in the SIM card. This SIM card can be removed from your handset and used by any GSM mobile phone (A new phone can read the SIM card automatically).

Don't touch the metal surface of the SIM card in case that information in the card may be lost or destroyed. Keep the card away from electricity and magnetism. Once the SIM card is damaged, you can't enter GSM network.

Warning: Please power off your phone before changing SIM card. Inserting or removing the SIM card is absolutely forbidden when your phone is connected to the outer power source, or your SIM card will be damaged.

Inserting & Removing SIM card

SIM card is usually stored in a card, take it out carefully before installing.

- The phone supports dual SIM card, the upper one is SIM 1, and the one below is SIM2, If you have only one SIM card to be used, please use the SIM1 slot first, there are indicated signs on the phone.
- Power off your phone, disconnect the outer power source and remove the battery.
- Plug SIM card into the SIM slot following the illustration.
- Please power off your phone and remove the battery before you remove your SIM card.

Power on/off Your Phone

Press the **End key** to power on the phone; hold the **End key** to power off the phone.

The mobile phone will automatically test whether the SIM card is plugged in and valid after powered on.

Then the screen will display the following messages in turn:

Enter PIN1 ——if SIM card password has been set.

Enter lock code ——if handset lock code has been set.

Searching Network——search till finding the right network.

Unlocking the SIM card

By setting PIN 1 (personal Identification number) code of SIM card and handset lock code, you can protect your SIM card and phone from illegal use. When this function is put in use, you have to enter PIN1 code each time you power on your phone to unlock the SIM card before you dial or receive calls. You may cancel the SIM card protection (referring to chapter 4.4.4 “Security setup”), and in this case, the SIM card will be unable to prevent illegal use.

- Press the END key to power on the phone
- Enter PIN1code, use **Right soft key** to clear the incorrect input and end with **OK key**. For instance, if the PIN1 code is 1234, enter as following:

1 2 3 4

If you enter a wrong PIN1 code for three times in a row, your SIM card will be locked by the network and the phone will ask for PUK 1 code. If you don't know the PUK1 code, do not enter any code and send your SIM card to the operator. Details can be referred to in Chapter 4.4.4 “Security setup”.

Note: Your network service provider will set a standard PIN code (4-8 digits) for your SIM card; please change it with your private password as soon as possible. Please refer to Chapter 4.4.4 “Security setup”.

T-Flash Card use

Install the memory card: find the location of the memory card slot at the right side of the phone, push the card in direction of the arrow, and push it until it reaches the lock position. When you install a memory card, please confirm that the metal contact surface of the card is downward (shown as the figure).

Take out the memory card: Open the slot cover, then push and flick the card to take out from inner side.

Precautions of the memory card: when you are to insert or take out the card, please turn it off first, and DONOT take the card out when the phone is on.

Unlocking the phone

By setting handset lock code, you can protect your phone from illegal use. When this function is put in use, after your entering of PIN1 code each time you power on your phone (if you have set PIN code for protection), you have to input handset lock code to unlock the phone to dial and receive calls. You can clear the handset lock code (referring to chapter 4.4.4 “Security setup”), and in this case, the handset will be unable to prevent illegal use.

- Enter handset lock code, use the **Right Soft key** to clear the incorrect input and end with **OK key**. For instance, if the handset lock code is 1234, enter as following:

1 2 3 4

If you forget your handset lock code, please contact your distributor or the authorized local customer service center.

Connecting to the network

- After the SIM card is unlocked, the mobile phone will automatically search for the available network. (The screen displays **Searching**). When the connection is set up, the network service provider's name will be displayed at the screen. Now your phone is in standby mode.

Note: If “EMERGENCY CALLS ONLY” is shown on your screen, it means you are out of the covering area of the network (service area), but you still can send emergency calls according to the signal strength.

2.4 Making calls

When the icon of the network provider is displayed on the screen, you can dial or receive

calls. The information bar in the upper left corner of the screen shows the network signal strength (when there are 4 information bars, the signal strength is at its best).

The quality of calls will be affected by obstacles; therefore moving around in a small area will effectively improve the call quality.

Making DDD (Direct Distance Dialing)

Enter telephone number by **Number Keys**, and press **Dial Key** to send a call. Press the **Right Soft key** to clear the incorrect input when necessary. The screen will show dialing animation when dialing the number and talking state information will be displayed when the other party pick up the receiver; if the connected minder is set on, there will be an alert beep (network support is necessary)

Hang up the phone by **End Key** if the call is over.

Area Code	Phone number	Dial key
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Making IDD

While making an IDD, hold the **0 Key** until your screen displays the character “+” which allows you to dial an international call from any country without knowing the local country code (for instance, China’s country code is 0086).

After entering the “+”, input the country code and the complete phone number you want to dial. The country code is in accordance with convention, Germany is 49, Britain is 44, Sweden is 46, etc.

As the usual way of dialing an international call, the “0” before the city code should be omitted while dialing.

For instance, if you want to dial a service hot line from another country, the number you dial should be:

+86 21 114

+	Country Code	Complete phone number	Dial key
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Dial the number in the list

Generally, all calls you have made or received are saved in a list of the phone and the latest calls made or received are on the top of the list (see chapter 4.3.1 “Call history”). All numbers are grouped as Dialed Calls, Received Calls and Missed Calls. Your mobile phone lists all the numbers so that you can view all the call logs. When the list is full, old numbers will be deleted automatically. You can check the list by the following operations:

- Press **Dial key** to view the record of Dialed calls, and then to view the “Call history”, and then you can choose to view “SIM1 call history” or “SIM2 call history”.

- All the numbers in the history list can be dialed directly by pressing the **Dial key**

When there is a list of phone numbers, you can view the details by pressing OK, and when entering the OPTIONS, press the “save to phonebook” to store the number in phonebook. And you can press “Delete” to delete the record, press “call” to dial the number, press “edit” to edit the number, press “send SMS” to send a message to the number, press “send MMS” to send a MMS to the number.

2.5 Emergency Call

If you are within the network covering area (It can be checked by the network signal strength displayed in the upper left corner of the screen), you are entitled to make emergency calls. If your network provider doesn’t supply roaming service in the area, the screen will display “EMERGENCY”, which means only emergency calls are available. If you are within the network covering area, emergency calls can be made even without SIM card.

2.6 Answering calls

if **Any key Answer** is set **On**, you can press any key to answer a call in call-in mode, otherwise you need to press **Dial Key** or **Left Soft Key** to answer a call. If a headset is plugged in, you can also use the buttons on the headset to answer a call.

2.7 Call History

Your mobile phone can store the latest call record and the total talk time since the phone is used (see Chapter 4.3.1“Call history”)

2.8 Call Menu

When in in-call mode, you can enter the call menu by pressing **OPTIONS**. The operation methods are the same as those in function menu. And you can press “H-free” on the right soft key to use the loud speaker to hear the caller’s voice so that you don’t have to keep holding the phone on your ear.

Call menu can be seen only in the process of communication and those functions such as **Call waiting**, **Call keeping**, **Multiparty** need network to support. If you need those services, please contact with your network service provider.

You can do the following operations in the call menu:

- **Hold single call**
Keep the current call/Resume the kept call.
- **End single call**
End the current call.
- **New call**
Dialing a new phone number
- **Phonebook**
Enter phonebook-browsing state
- **Message center**
Edit and send a new short message
- **Sound Recorder**
Record the call.
- **Mute/Resume**
Block (Send) caller’s voice.
- **DTMF**
Press left soft key to switch on/off this feature.

Note: Some menu items can only appear in special cases. Menu items such as **Swap** will appear only when the ongoing call and the hang-on call co-exist at the same time.

3 Function Menu

3.1 Usage of Function Menu

OK Key function:

- Enter the Function main menu by pressing **ok** in standby mode.
- In the main menu, press the four direction keys to scroll to the function you need, with pressing **Left Soft Key** to enter the function and pressing **Right Soft Key** to quit the main menu. In any submenu, press the four direction keys to scroll to the function you need, with pressing **Left Soft Key** (usually can be replaced by the **Right Arrow key**) to enter the function and pressing **Right Soft Key** (usually can be replaced by the **Left Arrow key**) to quit current menu.

Shortcut Menu

General function menu, sub-function menu and function options have corresponding shortcut number.

This number is the indexical, such as, Phonebook to 1; Messages to 2.

- Press **Menu** to enter the function menu.
- Input the shortcut number corresponded with function menu, sub-function menu or functions.

For instance, to enter audio player function, operate while in standby statue as follows,

Menu ,5,6, OK

Dedicated Key function

Go to the main menu->setting->phone setting->dedicated key, you can set the function of the up/down/right/left dedicated key and so on.

Shortcut function

This mobile have ten shortcuts, open main menu, select **Shortcuts** to make personalization as follows: select a shortcut in **Shortcuts** menu, press **left soft key** to enter into edit mode, after selecting a function, press **left soft key** to confirm.

Go to the main menu->Settings->phone setup->dedicated key->down->Shortcuts, and then while in standby state, press up key to enter shortcut function. Select targeted shortcut to enter this function.

Exit the Menu

Generally, you can press the **Right Soft Key** to exit any menu in function menus. Press the **End Key** to back to the standby interface.

4 Detail of Function Menu

4.1 File manager

This management is for phone and memory card. Customer must insert the memory card then find the folder. Enter file folder options:

- Open: Display the content in this folder
- Create a new folder: Create a new folder in this folder.
- Format: Format this folder.

Enter specified file options; please refer to the computer file operation.

4.2 Phonebook

You can store the names, mobile phone numbers and other name-card information of important persons in your phonebook. Choose the **Phone Book** in the main menu to enter the phone book.

Add new contact: Add a new item of record to the phonebook. You can choose to save in Phone or SIM card.

You can find twelve items in the phonebook options: View, Send text message, Send multimedia message, Call, IP dial, Delete, Edit, Delete, Copy, Move, Send contact, Add to Blacklist, Caller groups, Phonebook settings.

4.3 Java

You can install some jar java program you like, and use it. Refer java settings and network settings also include in the menu, you can use them.

4.4 Call center

4.4.1 Call history

Your phone can store the latest calls missed, calls received, and calls dialed, 20 entries for each, and you can view these records through menu.

- Enter the submenu **Missed Calls** to view the missed call list by pressing **Select**.
- Enter the submenu **Received Calls** to view the received call list by pressing **Select**.
- Enter the submenu **Dialed Calls** to view the dialed call list by pressing **Select**.

In the call record list interface, press **Select** to view the details of the record, including number, starting time and date of the call.

In the detailed information interface, press **Options** to practice the following operations on the piece of record selected.

Delete Delete this piece of record

Save Save the number in the SIM card or the handset

Call Dial the phone number

Edit Edit the current number and save it in the phone book

Send SMS go to the Write Message to create a message and then can be sent to the current number.

Send MMS go to the Write Message to create a multimedia message and then can be sent to the current number.

- Enter submenu **Delete call log** Delete the Call history.
- Auxiliary Menu

In call record, your mobile phone is with functions like saving call timing, cost calculating

and counting.

■ **Call Time**

There are four submenus in Call Timing: **Last Call Time**, **Total sent**, **Total Received** and **Reset All Time**.

Last Call Time: Record the duration of the last call.

Total Sent: View the total duration of the out-call.

Total Received: Record the total duration of in-call.

Reset All Time: Clear the data in Time Statistics and restart timing.

■ **SMS counter**

Sent: record the number of sent SMS

Received: record the number of received SMS

■ **GPRS counter**

Last Sent: record the byte volume sent previously

Last Received: record the byte volume received previously

All Sent: record the byte volume all sent

All Received: record the byte volume all received

Reset counter: reset the counter

4.4.2 Call settings

4.4.2.1 SIM 1/2 Call settings

■ **Caller ID:**

- **Set by Network:** Whether sending caller's number or not while calling is related to the system default setting.
- **Hide ID:** While calling, the receiver can not see the caller's number. (This function need supporting by network operator)
- **Send ID:** the receiver can see the caller's number while calling.

■ **Call waiting:** Select Activate/Deactivate this function; select **Status** to check the current status of this function.

■ **Call Divert:**

- **Divert All Voice Calls:** Divert all incoming voice calls.
- **Divert if Unreachable:** Divert the call to pre-set number when the phone can't be got through.
- **Divert if No Answer:** Divert the call to pre-set number when there is no answer.
- **Divert if Busy:** Divert the call when the phone is busy.
- **Divert All Data Call:** Divert all incoming data calling.
- **Cancel All Divert:** Cancel all the call diverting settings.

■ **Call Barring:** Barring calls.

- **Outgoing call:** Barring out-going call.
- **Incoming call:** Barring in-coming call
- **Cancel All:** Cancel all barring settings (you have to input code)
- **Change Barring password:** Change the password.

■ **Line Switching:** Press the **left soft key** to switch lines. This function needs supporting from the network provider.

■ **Close user group:** Close the group list you not need.

4.4.2.1 More

There are three functions can be set: Blacklist , Auto redial, IP dial, Background sound, **Call time display**, **Call time reminder** and **Auto quick end**.

4.5 Messages

If network supports and you have subscribed this service, you can freely send and receive short messages

When a new message is coming, your phone will ring (if **ring** function is activated) or vibrate (if **vibration** function is activated) to inform you of it and **New Message** will be indicated on the screen together with the number of the messages received. If you don't want to read it at once, the new messages will also be indicated in standby interface and automatically stored in the SIM card.

The number of messages that can be saved in the SIM card (including the messages received and those locally saved) relies on the capacity of the SIM card. Once the storage is full in the SIM card, "SIM card inbox is full" will be displayed on the screen.

To read new message, you may: enter the **Inbox** in submenu and press **Read** to view the new message. (The icon of new message is ).

4.5.1 Write message

Short message network service enables you to sent text short message to other mobile phones that can receive messages.

Make sure the number of the SMS center has been set before you edit a new message

- **Edit Message** to enter the new message
- **SIM1/2 Done**: select this to end editing of this message, you can proceed to the next step by choosing which SIM card to use.
- **Use Templates**: insert the pre-stored phrase in this new message.
- **Insert Object**: insert picture, music, and cartoon etc. in this message.
- **Format Text**: define the text format of this message.
- **Input Method**: Change the input method.
- Press **SIM1/2 Done** when finishing editing, and press **UP/Down Key** to select **Save and Send**, **Send Only**, **Save**, **Send to Many**, or **Send by Group** in line with your need.
 - **Save and Send**: To send this message and save it in Outbox, select this item to enter an editing bar, press **number key** to input number, or find the number in phone book, press **ok key** to send.
 - **Send Only**: To send this message, but do not save it.
 - **Save**: Don't send this message but save it in the Outbox.
 - **Send to Many**: Send this message to more than one receiver.
 - **Send by Group**: Send this message to all members in the selected group.

Note: The SMS centers of some cities and regions do not support messages longer than 160 English characters.

4.5.2 Inbox

- Enter the submenu **Inbox** to view the messages received; When viewing the message list of the **Inbox**, the date and time when the message was receive and the name and number of the message sender will be displayed (if the number exists in the phonebook).
- Use **Up/Down Key** to select the above message or the next one when viewing the message list.
- Use **Left/Right Key** to view previous or next message when reading the content of a message in the **Inbox**.
- Press **Select** to read the content of the message after the message list of the **Inbox** appears. Now you can practice following operations by pressing **Options**:

- **1 Reply:** Send a message to the sender of the current message
- **2 Delete:** Delete the current message
- **3 Edit:** Find the message and edit.
- **4 Forward:** Send the message to another mobile phone
- **5 Copy to phone/SIM:** Copy the message to phone/SIM from SIM/phone
- **6 Move to phone/SIM:** Move the message to phone/SIM from SIM/phone
- **7 Chat:** Enter chat room to chat with message
- **8 Delete All:** Delete all messages in inbox
- **9 Copy All:** Copy all messages to phone/SIM from SIM/phone
- **10 Move All:** Move all messages to phone/SIM from SIM/phone
- **11 Use Number :** Extract the number of the sender so that you can make a call, add to the phonebook or send SMS
- **12 Use URL:** Use the URL to connect the internet

4.5.3 Drafts

To store edited messages without sending.

Send: to send current multimedia message

Edit: to edit current multimedia message.

Delete: to delete current multimedia message.

Delete All: to delete all multimedia messages in the draft box.

Advanced: More settings in this menu.

4.5.4 Outbox

Save the sent message, and the message edited will be stored in the Out Box too.

- enter **Outbox** to view the saved messages.
- Press **OK** key to read the content of the message when the message list of the **Outbox** appears. Now you can practice following operations by pressing **Options**:

- **1 Send from SIM1:** send this message to multi-numbers or to group from SIM1.
- **2 Send from SIM2:** send this message to multi-numbers or to group from SIM2.
- **3 Edit:** edit the current message.
- **4 Delete:** delete the current message
- **5 Copy to phone/SIM:** Copy the message to phone/SIM
- **6 Move to phone/SIM:** Move the message to phone/SIM
- **7 Delete all:** delete all messages in outbox
- **8 Copy All:** Copy all messages to phone/SIM from SIM/phone
- **9 Move All:** Move all messages to phone/SIM from SIM/phone
- **10 Use Number:** Extract the number of the sender and dial it or add it to the phonebook.
- **11 Use URL:** Use the URL to connect the internet

4.5.5MMS (Multimedia Message Service)

- **Writing Messages:** to create a multimedia messages. You should input the **Receiver, Duplicate, Confidential Duplicate, Subject** and **Content**.
- **Inbox:** to view received multimedia messages (with detailed operation same as the Inbox of text message).
 - **1 View:** to view current multimedia message.
 - **2 Reply:** to send a multimedia message to the sender of current multimedia message.
 - **3 Reply by SMS:** to send a message to the sender of current multimedia message.
 - **4 Reply all:** to send a multimedia message to the sender and all the other receivers of current multimedia message.
 - **5 Forward:** to forward to others.
 - **6 Delete:** to delete current multimedia message.
 - **7 Delete All:** to delete all multimedia messages in the inbox.
 - **8 Save as template:** to save the current multimedia message in **Templates**.
 - **9 Properties:** to view detail information of current multimedia message.
 - **10 Use details:** to use the numbers which are contained in current multimedia message.
- **Outbox:** to store multimedia messages which failed to send (with detailed operation same as the Outbox of text message).

-
- **View:** to view the current multimedia message.
 - **Send:** to resend the current multimedia message which failed to send.
 - **Delete:** to delete current multimedia message.
 - **Delete All:** to delete all multimedia messages in the **Outbox**.
 - **Save as template:** to save the current multimedia message in **Templates**.
 - **Properties:** to view detail information of current multimedia message.
 - **Use details:** to use the numbers which are contained in current multimedia message.
 - **DraftS:** to store edied messages without sending. After sending, the message would be saved in Sent Box.
 - **View:** to view current multimedia message.
 - **Send:** to send current multimedia message
 - **Edit:** to edit current multimedia message.
 - **Delete:** to delete current multimedia message.
 - **Delete All:** to delete all multimedia messages in the draft box.
 - **Save as template:** to save the current multimedia message in **Templates**.
 - **Properties:** to view detail information of current multimedia message.
 - **Use details:** to use the numbers which are contained in current multimedia message.
 - **MMS Settings:** to set parameter setting related to the sending and receiving of MMS.
 - **Compose:** some parameter setting related to the composing of MMS, such as **Creation mode, Picture resizing, Auto signature**, etc.
 - **Send:** some parameter setting related to the sending of MMS, such as **Validity period, Delivery report, Read report, Priority, Slide timing, Delivery time**, etc..
 - **Retrieve:** some parameter setting related to MMS, such as **Home Network, Roaming, Read Report, Delivery report**, etc..
 - **Filter:** to filter parts of the multimedia messages.
 - **Server Profile:** Set the server.
 - **Memory Status:** to view capacity information of MMS.

4.5.6 Broadcast Message

- **Receive mode:** select Enable to enter receiving mode, and Disable to reject cell broadcast.
- **Read message:** enter this menu to read cell broadcast you have customized.
- **Languages:** to set the receiving language of cell broadcast.
- **Channel Settings:** to set channels of cell broadcast.

Note: services of both **Cell Broadcast** and **Voice Mailbox** depend on the network provider, and please contact your network provider for details.

4.5.7 Template

- Some sentences commonly used can be kept in **Template** to avoid repeated entering when sending messages. Select **Edit** or **Delete** when finish entering.

4.5.8 SMS settings

You must set up necessary SMS information before using message functions.

- **Access SMS Settings** submenu.
 - **Profile Settings:** select a proper profile. Each mode has **Profile name, SC address, Validity period**, and **Message type**.
 - **Common Settings:** select on/off of status of delivery report or reply path (depending on network operator).
 - **Memory Status:** check the status of occupied space in SIM card or handset.
 - **Preferred Storage:** select handset or SIM card
- **SC address:** Please contact with your network service provider to obtain the SMS Center number. Operation: Select SMS Center submenu, input the short message service center number, and then press SAVE to store the number.
- **Reply Path:** When this function enabled, reply messages from the receiver would be sent according to the sending path of the original message.
- **Delivery report:** If **Delivery Report** is set **On**, short message center will sent you back a status report when the receiver receives or fails to receive your message, so you can conveniently know whether he receives the message.

Note: This function depends on the network operator.

4.6 Multimedia

It consists of nine functions: Camera, Image viewer, Video recorder, Video player, Audio player, Sound recorder, FM radio, Schedule FM record.

4.6.1 Camera

Camera is built in your phone. Choose the submenu **Camera**, press OK to enter the camera preview.

You can practice following operations by pressing **Options**:

- **Photos**: To Image viewer, to Select the menu to enter Image viewer.
- **Camera Setting**: Set properties of the camera.
- **Image Settings**: Adjust the properties of image, size and quality.
- **White Balance**: Select light style.
- **Scene Mode**: select auto or night mode.
- **Effect Settings**: select the color effect.
- **Storage**: to phone or to memory card.
- **Restore Default**: Restore default settings. You will lose all the above settings after Confirming.
- **The function key of camera**:
 - ✓ Number_key1: Image Size
 - ✓ Number_key2: Image Quality
 - ✓ Number_key4: White Balance
 - ✓ Number_key5: Scene Mode
 - ✓ Number_key6: Delay Timer
 - ✓ Number_key7: Cont. Shot

4.6.2 Image Viewer

View the photos.

You can select one photo and press OK Key to view the chosen image, in this image viewing interface, next photo will be shown when you shake the handset, on condition that G-sensor(optional) is enabled, which should be set as on in **Phone setup** menu.

4.6.3 Video recorder

Before recording, please insert the memory card. The video will be saved in the memory card.

Your mobile phone provides the function of recording motion pictures, after enter the motion recorder from the menu, press OK Key to enter recording.

Press option button to enter.

Camcorder settings: Set properties of the video.

Video Settings: Adjust the quality of the video.

Effect Settings: Select the color effect.

Storage: to phone or to memory card.

Restore default: Restore default settings. You will lose all the above settings after Confirming.

4.6.4 Video Player

Enter into the Video Player list, Press option button to enter.

Play: play the chosen movie

Forward: Send the current video file to MM.

Rename: rename the name of current video file.

Delete: delete current video file.

Delete all files: delete all video files.

Sort by: to sort the files by name, type, time or size.

Storage: to phone or to memory card.

The function key of video player:

Left/Right Key—to play backward quickly or to play forward quickly.

0 Key—change to fullscreen

OK Key—play/pause.

Full view screen and normal view screen will be switched when you shake the handset, on condition that G-sensor(optional) is enabled, which should be set as on in **Phone setup** menu.

4.6.5 Audio Player

Select **Audio Player** to enter MP3 playing interface. Key definition is as following:

Upper Key: Play/Pause the current music.

Down Key: Stop the current music.

Left Key: Select previous music.

Right Key: Select next music.

Press **Left Soft Key** to enter music list, you can select a piece of music to play.

In music list, press **Left Soft Key** again to enter music related settings:

- Play: Play the selected music
- Details: View the detail information of the current music
- Add to rings: Insert the current music into the tone setup list, so that you can set it as an incoming call midi or other midi.
- Refresh list: Renew the playing list
- Settings: Configure the multimedia playing settings
 - 1 Preset Play List: from phone or from memory card.
 - 2 List Auto Gen: Generate a playing list automatically
 - 3 Repeat: Played music will be cycled if this item is ON
 - 4 Shuffle: Music will not be stopped if this item is ON
 - 5 Background Play: Music will not be stopped even you exit the menu if this item is ON.
 - 6 Sound effects: change the play effect of the music player.
 - 7 Lyrics display: Select the Spectrum type of the music when the music is played.

In music playing interface, next song will be played when you shake the handset, on condition that G-sensor(optional) is enabled, which should be set as on in **Phone setup** menu.

4.6.6 Sound recorder

Select this item to activate record. Press **Left Soft Key** to enter options:

- Record: Record a new record
- Play: Play the selected Record
- Append: Append a new part to the selected record.
- Rename: Rename the current record

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- Delete: Delete the current record
 - Delete all files: Delete all records
 - Settings: Set the storage, format and quality of record
 - Forward: Send the current record to User profile or MMS.

4.6.7 FM Radio

Enter this function to turn on the FM radio:

Channel list: List all the channel and switch different channel, also can add the new channel in the empty option.

Manual input: Input new channel by manual to turn on the FM radio.

Preset auto search: Auto search the FM channels and list them to the channel list.

Setting: To set the background play, loud speaker, record format, audio quality and record storage of the FM radio.

Record: Recording the sound that the FM radio play.

4.6.8 Schedule FM recorder

In status of FM Timing Record switched on, it can time to record some specific channel.

4.7 Fun & Games

Games: This mobile phone is configured with some little games which are referred to the actual menu in your handset.

■ Operation of playing the game:

1. Start game: to start a new game.
2. Game level: setup the level of the game.
3. Best grades: the top list of the game.
4. Game help: enter this menu to view rules of the game.

■ Game Setting:

- BGM: ON/OFF
- Sound effect: ON/OFF
- Game vibration: ON/OFF

4.8 Settings

4.8.1 Dual SIM settings

There are four mode can be selected to use for your convenience: Dual SIM open, Only SIM 1 open, Only SIM 2 open and Flight mode.

4.8.2 Phone setup

■ Time and Date: set time and date

- Set home city: select a city for setting the time of this handset
- Set time/date: set current time and date
- Set format: set the display format of time

■ Schedule power on/off: set a auto power ON/OFF time of the handset

■ Language: select a display language of handset menu

■ Preferred input methods: select a preferred input method for all the input screen.

■ Display Characteristic:

- Wallpaper: select a wallpaper
- Screen Saver: select a screen saver and set a waiting duration

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- **Themes:** three themes can be choose.
 - **Power on display:** select power On display
 - **Power off display:** select power off display
 - **Show Date and Time:** select ON/OFF displaying current time while in standby statue.
 - **Show Owner Number:** select ON/OFF displaying my number while in stand statue.
 - **Greeting Text:** Select to set standby greetings ON/Off, or select **Greeting text** submenu to edit the greetings.
 - **Dedicated Key:** Assign the shortcut function to Up Key, Down Key, Left Key and Right Key.
 - **Auto update of date and time:** select ON/OFF auto update of date and time.
 - **UART setup:** select SIM1 or SIM2 to use for UART.
 - **LCD backlight:** set the brightness and time of LCD backlight.

4.8.3 Network setup

■ SIM 1/2 Network setup

Network selection: set the method of selecting networks.

- **Automatic:** Auto search the network to which the SIM card is subject.
- **Manual:** Search all available networks, and register manually.

Preferences: Pre-save some favorite networks.

- **Band Selection:** Select a proper band.
- **GPRS connection:** select GPRS connecting mode, constant or temporary.

4.8.4 Security setup

4.8.4.1 SIM security setup

■ SIM Lock

You can set security settings in this menu to prevent your mobile phone from being used illegally.

- PIN Code

PIN Code can prevent your mobile phone from being used illegally.

If the current PIN Code is closed, please select **Open** to activate this protection function. Next time when you power on your mobile phone, PIN Code will be requested. If the current PIN code is activated, select Close to cancel PIN code protection function. Select Change PIN Code to set a new PIN Code. Please follow the procedure to input old PIN Code, new PIN Code and again new PIN code.

Note: If you input wrong PIN Code in three consecutive times, SIM card will be locked. In this case, you need PUK Code to unlock SIM card. PIN code and PUK code may be given you along with SIM card. If you don't have it, please contact your network service provider. In general, default PIN code is 1234, please change it to be your own code.

■ **Fixed Dial:** You can dial only the allowed number if this function is supported by SIM card. In case the function is on, you can only dial numbers in the list, or some numbers of which with the same beginning numbers defined in the form.

Enter submenu of **Fixed dial:**

- **Mode:** on/off this function (PIN2 is needed)
- **Fixed dial list:** input allowed phone number.

Note: You have to input PIN2 code to on/off this function. You can contact your network service provider to get this PIN2 code. While Allowed Number is ON, you can only

see the **Fixed Dial list in Name Card**.

- **Change Password:** Change the Password of the SIM 1 and SIM 2 including PIN, PIN2.

Note: Some functions need supporting by the operator.

4.8.4.2 Phone Lock

The phone lock can prevent your mobile phone from being used illegally.

Selecting **phone lock** can activate handset code-protected function, next time when you power on your mobile phone, handset code will be requested. Press it again to deactivate this function.

Note: Default handset lock code is 1122, please change it to be your own code.

4.8.4.3 Mobile tracker

Set a number to receive report. The phone will check the number when open the phone. If the number is wrong, the phone will send “your number is changed, please confirm whether your phone is stolen”. Also you can control the stolen phone by sending the open password after you receive the report.

4.8.4.4 Auto KeyPad Lock

Set the waiting time for locking the key pad. After setting, key pad will be locked automatically

4.8.4.5 Change Password

Change the Password of the phone. The default password of phone is **1122**.

4.8.5 Restore factory settings

The default password of restoring factory security is 1122. It use the phone lock code and you can change it to be your own code. If you forget your new phone lock code, please contact your distributor or the authorized local customer service center.

If you confirm to restore, the phone will restore and reboot.

4.8.6 Sound effect

Adjust sound effect of the player. Available frequency equalizers are Normal, Bass, Dance, Classical, Treble, Party, Pop and Rock.

4.9 User Profiles

Users can select different profiles or personalize them. This phone is with six profiles: **General, Meeting, Outdoor, Indoor, Headset**.

General

Here you can select **Activate** and **Customize**.

- **Activate:** Select the item to enter the normal profile.

- **Customize:** Select settings to enter user-definition of normal profile. Available operations are including **Tone Setup, Volume, Alert Type, Ring Type, Extra Tone, Answer Mode**.

- **Tone Setup:** Change the ring type for **incoming call, Alarm, Power ON/OFF, Message Tone, Keypad Tone**.
- **Volume:** Adjust ringing volume and key tone volume.
- **Alert Type:** Set alert tone type, including Ring, Vibrate only, Vibrate and ring, Vibrate then ring, and Silent.
- **Ring Type:** Set ring type, including Single, Repeat, and Ascending.

-
- **Extra Tone:** Set the alert related to some events, including Warning, Error, Network Camp on and connect, etc.
 - **Answer Mode:** Activate/Deactivate any key answer or auto answer when there is an incoming call.

Meeting

The operation is the same as that of Normal Profile.

Outdoor

The operation is the same as that of Normal Profile.

Indoor

The operation is the same as that of Normal Profile.

Headset

Turn on this model automatically while plugging in earphone.
that of Normal Profile.

The operation is the same as that of Normal Profile.

4.10 Extra Calculator

This phone provides you with a calculator possessing four basic functions to facilitate your simple calculations.

Select **Calculator** and press **Options** to enter.

- Press **0~9 Number Keys** to enter numbers, press **# Key** to enter decimal point.
- Press **Up/Down/Left/Right Key** to switch among +, -, ×, ÷, M+, M-, MC, MR.
- Press the Right Soft Key "**Clear**" to clear last digit and results. Press Right Soft Key "**Back**" to exit the calculator. Press Left Soft Key "**OK**" to get results.

Note: This calculator has limited accuracy and rounding errors may occur especially in long division.

Currency converter

Input exchange rate first when exchanging currency, then input native or foreign currency value, press Left Soft Key, the exchanged value you want will be displayed in another edit bar.

Stopwatch

Typical Stopwatch: It is a line style stopwatch, have split timing and lap timing function, press the LEFT SOFT KEY to star or stop timing, press RIGHT SOFT KEY to mark the record.

nWay Stopwatch: It is a multi-way stopwatch, which has four way, you can use up/down/right/left navigation key to control, and long press the LEFT SOFT KEY can clear the record.

Ebook reader

Entering e-book, it appears that the e-book file name (file types of TXT and PDB) list, and through Select Storage Location in "System Presetting" menu, you can select to read files in the directory of "E-book" in "Phone" or "Memory Card".

You can set the original opening attribute of newly opened e-book files in System Preset, as well as enter "Settings" menu in "Option" menu during reading the e-book file to reset it and save separately.

During reading you can “Scroll Pages” or “Scroll Lines”, as well as full screen reading, pressing “1” Key for shortcut key prompt and help.

This function can automatically identify “UTF-8” and “Unicode” formats of “Notepad” on the computer. The user can paste the content of an e-book to “Notepad” on the computer, clicking “Save As” in “File” menu, and then select “Coding” type as format of “UTF-8” or “Unicode”, saving the file to “E-book” directory on the phone, thus, by opening this e-book, the user can read it without setting “Coding Format”.

In case of the user click “Save As” in “File” menu on the web page, with “Coding Format” selected as “Simplified Chinese (GB2312)”, “Unicode” or “Unicode-UTF8”, “Save Type” selected as “Text File (*.txt)”, saving the file to “E-book” directory on the phone (or the memory card), and open the e-book by the phone, then it require the preset “Coding Format” same to that of the e-book. It is recommended that set “Coding Format” in “System Presetting” on e-book as the default “GB2312 (Simplified Chinese)”, with web pages saves as the default “Simplified Chinese (GB2312)”, thus it does not require “Coding Format” setting during opening the e-book reader.

The use also can download e-books of TXT or PDB format from Internet (usually of Simplified Chinese GB2312 format) to the directory of “E-book” on the phone (or the memory card), and then read them by the function of e-book reader provided by the phone. Input exchange rate first when exchanging currency, then input native or foreign currency value, press Left Soft Key, the exchanged value you want will be displayed in another edit bar.

Calendar

Press **Select** to call out the calendar while entering the Schedule submenu.

Press the **Left/Right Key** to revise the date, and the **UP/Down key** to revise the month.

Press **Options** to enter the submenu

- **View Tasks:** Check the previously stored tasks.
- **Add task:** Add new tasks.
- **Jump to Date:** Change the current date of Calendar.
- **Go to weekly/monthly view:** Change the style of viewing the calendar, shown as monthly view or weekly view.

Task

Ten entries can be stored in the handset. Select Memo in the submenu to **Add**, **View** and **Delete** the entries in Memo.

Alarm

You can set five **Alarm Clocks** in this mobile phone. Select one of five, press **edit** to customize if you need.

World Clock

To use this function, please press the **Left/Right Key** to switch among time zones.

3 Remote control: After you install a PC distance software and connect the phone with PC, the keypad of the phone can work as the input equipment of the PC (mouse and keypad).

4 My Device: List the searching result.

4.10 Services

4.10.1 Internet service

Your mobile phone supports WAP function. You can access services like news, weather forecast and flight information, etc. which supported by your service provider,

Note: GPRS service need supporting by network, and you can't enjoy GPRS until it is activated and in the area covered by GPRS network.

- **Homepage:** Link to the homepage. Homepage is the WAP website preset in the connection setting. The website set by the provider will be adopted if no website is set by the user.
- **Bookmarks:** Display the bookmarks previously set. Select the website connected with the bookmark.
- **Recent Pages:** Records of the visited websites.
- **Offline pages:** Records of the saved websites.
- **Input Address:** Select this function to visit any WAP or other Internet website.
- **Service Inbox:** To store information sent by service provider.
- **Settings:** WAP setting
 - 1 Select SIM:** Choose the method of entering WAP
 - 2 Edit Profile:** Select service-setting groups, which include three options.
 - 3 Browser Options:** Change the relevant parameters for browsing. Including waiting time and displayed picture.
 - 4 Service Message Settings:** Turn ON/OFF service information.
 - 5 Clear Cache:** Select this item to clear cache.
 - 6 Clear Cookies:** Select this item to clear cookies.

4.10.2 Data account

■ GPRS Data:

Select an account and enter:

1 Account Name: Name of the account, it can be edited by selecting **edit**.

2 APN: Input APN

3 User Name: Account Name for ISP (not WAP gateway)

4 Password: Code for ISP (not WAP gate way)

5 Auth. Type: Select encryption method of authentication.

4.12 Shortcuts

You can set your own shortcuts here.