

QW120 User Manual

GSM/WCDMA Digital mobile phone

Statement: we retain the right to improve this product without prior notice and to give final interpretation of product performance. We commit ourselves to improve product quality and update version continuously. Therefore, it is subject to your mobile phone if product functions, specification or design/icon might be different from those stated in this Manual.

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1 Safety Precautions

For your safety, read the guidelines carefully. Breaking the rules may be dangerous or illegal. Please refer “health and safety” section for detail security information.

◆ Traffic Safety

Please follow local rules and regulations during driving. Do not use your mobile phone when driving. Use hand-free or stop your car beside the road if emergency.

Do not put your mobile phone on the car's airbag. This will harmed you if the airbag swell or burst.

◆ Switch off near dangerous stuff

Don't use the phone at a refueling point. Don't use near fuels or chemicals.

◆ Switch off in Airport

Wireless devices can cause interference in aircraft. The use of mobile telephones in an aircraft is illegal. Please switch off your mobile before taking off the plane and please ensure the alarm clock should be closed when the mobile is turned off.

◆ Switch off in Hospitals

Switch the device off near medical equipment or in hospital (except for the designated using area). Like other common devices, the mobile phone will interfere in the operation of other electrical apparatus, electrical equipments or radio-frequency equipment (such as cardiac pacemaker, hearing aids and etc.).

◆ Interference

All wireless devices may be susceptible to interference, which could affect performance.

◆ Waterproof

Please keep the phone dry because the phone is not waterproofed. Remove battery if any liquid go into your mobile phone and allow the device to dry completely before replacing it.

◆ **Accessories and batteries**

Please use the batteries and adapter designated by our company, or otherwise causing explosion possibly.

◆ **Connect to other devices**

Connect to other devices, you must first read the device's user manual to ensure proper use.

◆ **Keep the phone out of stretch of the kids**

The phone and its accessories (including fittings) should be kept out of the stretch of the kids.

◆ **Specialized service**

Please do not bold to dismantle the phone and its accessories. Only can authorized agencies maintain the phone.

2 Phone Introduction

Thank you for purchasing the GSM/WCDMA digital mobile phones-QW120. Through this manual, you can have overall knowledge of how to use QW120 mobile phone.

QW120 mobile phone is designed for GSM/WCDMA network. In addition to the basic phone functions, such as call, SMS, Phone book, etc. Many other Supplement functions are exist there too, to facilitate your work and leisure your activities

Part of the supplement functions are listed as the following:

- 64 polyphonic ring tones for incoming calls
- incoming call images
- Camera
- calendar
- clock/alarm
- music player
- video player
- USB disk
- T-Flashcard
- Recorder
- Calculator
- power on/off on time
- GPRS/WCDMA net connection function
- WAP/MMS
- hand-free
- File/document management
- WIFI
- MIFI, etc.

Moreover, QW120 mobile phone adopts the personalized human-machine interface, can satisfy your diversified needs with the perfect functions. QW120 mobile phone is made abide by GSM/GPRS/WCDMA/HSPA specifications

and has passed the certification by certification authorities.
Reminding: Our Company preserves the right to change the contents of this manual without any prior notices.

2.1 Technical reference

Phone

Model	QW120
Dimension(L×W×H)	112.0mm*59mm*14.3mm

Weight	105g
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Li-ion battery

Model	QW120
Standard voltage	3.7V
Max. charge voltage	4.2V
Rated capacity	1400MA

Portable battery charger

Model	QW120
Input	AC:100-240V
Output	DC: 5V

USB cable

Specification	The phone itself, USB
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Earpiece

Specification	Stereo-phone
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2.2 Components site map

2.2.1 Appearance



2.2.2 Keys and functions

Name	Function in standby screen
Left soft key	Menu
Right soft key	Services
Dial key	<ul style="list-style-type: none">- Answer incoming calls- Dial numbers by SIM card in dial screen- Go to the call log list
End key	Short press: <ul style="list-style-type: none">- End the call or reject incoming call- return to standby screen in any mode Long press: <ul style="list-style-type: none">- Switch on/off phone


Direction keys	UP key	STK
	Down key	Phonebook
	Left key	Write message
	Right key	Extras
	OK key	Menu
Numeric keys	1	Short press: go to dial screen and input number 1
	0, 2~9	Short press: go to dial screen, and input numbers 0,2~9.
		Long press: dial out number stored in speed dial function if speed dial enabled.
	*	go to dial screen and input *.
	#	go to dial screen and input #.












Note:

1. Keypad Lock: When keypad is locked, the phone is in power-saving mode and user cannot operate phone functions except answering incoming calls or charging;
2. Lock/unlock keypad: press Left soft key + space key
3. In this manual, "short press" a key means press a key then immediately release it; "long press" a key means press the key and hold it for no less than 2 seconds.

2.2.3 Icons

(Icons may be changed without prior notification)

Icons	Description
	Indicate the current battery capacity.

	Indicate the network signal strength for phone.
	Indicate that the alarm clock is set up as activated.
	Indicate the current keypad-locked state.
	Indicate that there is an unread SMS in phone.
	Indicate that there is an unread MMS in phone.
	Indicate that the current profile mode is the general mode
	Indicate that the current profile mode is the meeting mode
	Indicate that the current profile mode is the outdoor mode
	Indicate that the current profile mode is the Silent mode
	Indicate that the current profile mode is the earphone mode
	Indicate that the current profile mode is the bluetooth mode

3 Get started

3.1 Switching on/off phone

Press and hold End key to switch on (or switch off) the mobile phone.

If phone power on without SIM card, the two situations will appear:

“Insert SIM” - indicates no SIM card found, but emergency call is available.

“Enter Phone Lock Code” - indicates that you have set mobile

phone lock.

After inserting SIM card, the handset will automatically check if the SIM is valid. Then, the following prompts will be displayed in order on the screen:

1. "Enter Phone Lock Code" – in this case you have set mobile phone lock.
2. "Enter PIN" – in this case you have set SIM PIN password.
3. "Invalid SIM" –in this case phone is not registered on correct network, you can only dial emergency number.
4. "Searching" –mobile phone is searching network until proper network access is found.

3.2 Battery Installation

Please ensure the phone is turned off before removing battery!

Take out the battery: First, remove the back cover of phone, then lift up the top of the battery to get it out.

Assemble battery: Put battery bottom side into the slot, pushing the top of the battery into the slot.

3.3 USIM Card Installation

Before you can operate the mobile phone, you should get a valid USIM card from the service operator. Otherwise, you could not make any call except emergency call. When you need to remove the USIM card, firstly, please shutdown the phone, take out the battery, then you can remove the USIM card from the card slot.

This mobile phone supports USIM/SIM/T-FLASH cards.

The USIM card Inserting/Removing method:

Firstly, Power off the phone, remove the battery, then insert USIM card into USIM card socket. When you need to remove USIM card, also please power off the phone firstly, remove battery, then you can remove the card.

3.4 T-Flash Card Installation

This mobile phone supports T-Flash card, which is a small memory card used to increase the memory of your mobile phone. Take care when inserting or removing to avoid any damage. Please refer to the inserting/removing of USIM for installation of memory card.

3.5 USB function

The phone supports USB interface, you can connect the phone to the computer directly through the USB interface. You can copy and move files between mobile phone and computer. Also, you can view photos, videos, and recorded files, etc. which are saved in the mobile phone. Addition, When inserted into the PC, it can be used as a charger also.

3.6 Battery Charging

The new battery is not fully charged. You need to install and charge the battery before using the device. In general conditions, the new battery will work under best condition after several times of charge and discharge.

- ◆ Connect the charger to the connection jack of the phone in proper direction, and connect the charger to a main socket.
- ◆ The phone displays "Charger Connected!" and starts charging after properly connected. The battery icon dynamically displays the charging process. In switch-off state, the phone dynamically displays the charging process.
- When the battery is fully charged, the charging process stops automatically, and the battery icon indicates full grid on the screen. After the battery is fully charged, remove the charger from the phone and socket as soon as possible.

Warning: Battery must be charged in a well ventilated place with surrounding temperature at -10°C~+55°C, and it is imperative that a charger provided by manufacturer is used. Using unauthorized charger might cause danger, which also violates warranty terms prescribed by the manufacturer. If the charging temperature is too high or too low, the phone will automatically give warning and stop charging, so as to prevent damages to battery or dangers.

3.7 Use earphone

When you plug earphone into the phone's headset jack, the phone's profile will automatically switch to headset profile. The phone can use regular headphones, through the automatic answer; you can listen to music through headphones or receive calls.

3.8 Safety Password

3.8.1 PIN code

PIN1 Code is the Personal Identification Number for entering a SIM card. 'Input PIN' is requested each time the phone is switched on if this PIN1 code is activated.

You can get PIN1 Code with the SIM card by your network operator. It usually has 4 digits. When you input the PIN1 Code, '*' will display on the main screen instead of the digits.

3.8.2 PIN2 code

PIN2 is required for some specific functions provided by the network, such as the charge information.

Note: If you enter the PIN incorrectly three times in a row, the SIM card will be locked. Please contact your network operator

immediately for decoding. Attempting to decode by yourself may result in the permanent failure of the SIM card.

3.8.3 PUK code

PUK (Personal Unblocking Key, 8-digit) unlocks a locked PIN. If you enter the PUK incorrectly ten times in a row, the SIM card will become invalid. Please contact your network operator for a new SIM card.

3.8.4 Mobile phone password

The phone lock protects your phone from unauthorized use. The default phone lock code is 0000. You can change it into any numeric string of 4 to 8 digits.

If the phone lock function is enabled, you need to enter the correct phone lock code when the phone is powered on or in the standby mode.

4 Quick Use Guide

4.1 Call functions

In any country using digital GSM/WCDMA/HSPA network, so long as you are in network covering range (to know it by examining the indication bar of the network signal intensity at upper left corner of the screen), you may use the emergency call function. If your network service provider offers no roaming service in this region, the screen will display "EMERGENCY CALLS ONLY", reminding you of making this kind of call. If you are in the network covering range, you may make emergent call without SIM card.

4.1.1 Make a call

The information scales displayed on the upper left screen indicate the intensity of network signal (of which 5 scales appeared indicating the strongest signal). The calling quality will be largely affected by the barriers, so the movement within small extension can improve the intensity of signal effectively.

Ways to enter into the call screen:

◆ Dialing numbers:

In standby mode, please input the numbers in the cursor input box, and dial the number by pressing the dial key.

◆ Dialing numbers in phonebook:

◆ Dialing numbers in call list:

In standby mode, press left soft key to enter into main menu, and then press direction keys to select call center. Through the list of missed calls, dialed calls and received calls, select the corresponding call and dial the number by directly pressing dial key, or dial the number by entering into the options in the current

list to select the number.

4.1.2 Dial-up state

Enter any number key, that is, enter the dial-up state at this time still show the signal power instructions, and other icons, and the vertical line prompt with blinking cursor position.

In the input dial number, you can do the following:

Press the right soft key to delete a character before the cursor.

Press the left soft key to save the input phone number.

Press the right soft key into the phone book interface.

Press the dial key, dial the number entered

4.1.3 Call Status

In the dial-up interface, you can delete the last incorrect digit by pressing right soft key to delete all the digits you enter. When the call is connected, call timer is displayed. If the sending call is not answered, the possible reasons are as follow:

“No Answer” indicates that there is no one to answer this call.

'Rejected' means that the call is not allowed for reasons such as Call Barring function is activated or rejected. During dialing, you can press the “Power on/off” key or the end key to hang up the call.

4.1.4 Dialing a domestic number

Domestic number: zone code + tel. number + dial key

4.1.5 Dialing an extension number

An extension to a fixed phone: zone code + switchboard number + “P” + extension number + dial key

4.1.6 Making an international call

International fixed number: “+” country code + telephone number + dial key

4.1.7 Answering a call

When a call comes in, it enters into the phone-in screen, alerting you with presetting ringing tone or vibration.

If the number does not exist in the phonebook, the caller’s number appears. Otherwise, his/her name appears.

■ Key operation

- Left soft key: answer a call, dial key, answer a call;
- Right soft call: reject, H-Free, H-Held.

Note:

If the earpiece is connected, you may use Earpiece key to answer a call.

If automatic answer has been set up and the earpiece is connected, the automatic answer setting will take effect in 5 seconds.

4.1.8 Missed Call

A prompt sound or an icon would display on the main screen if you have missed call. You can view the missed calls by pressing the left soft key.

4.1.9 During the call

During a call, you can hold a call, end a call, make a new call, use your phonebook and text messages, sound recorder, set mute, the Dual tone multi-frequency function, etc. by pressing the left soft key.

During the call, you may carry on the following operation:

Turn on handfree: start to handfree.

Shuttle: Hold the current call, add a new call and talk with more than one party at a time.

Phonebook: Use Phonebook to search for numbers.

Messages: Read/write a message during a call.

Call center: Use call log to search for numbers.

Start to recorder: Record the call.

Mute/Restore: The person on the other end of the line cannot hear you (muting).

Note: The above functions are limited with the individual SIM card.

4.1.10 Volume control

When the phone calling, use the UP and Down keys to adjust the volume.

When listening to the radio and music, with + and - keys to adjust the volume.

4.2 Input text

This mobile phone supports multi-language inputs, providing you with multiple input methods: letter input, numeric input, symbol input, etc.

◆ Changing the input method

Press "aA" key repeatedly to select an input method.

◆ Inserting symbols

Press "sym" key and select the required symbols.

◆ Numeric

When the input method icon is shown as "123", input numbers directly with number keys.

4.2.1 Multitap ABC and abc

Press "alt" key to select to write the English alphabet input method, you can to enter the English alphabetical order according to the corresponding number key to type the letter.

Note: While entering text, press the "Del" key once to delete the last character on the display; press and hold it to delete all entered text. After you enter a letter, then click "aA" key, it switch input ABC and abc.

4.2.2 Entering Numbers

In the "123" input mode, press a key labeled the desired number.

In the "ABC" or "abc" input mode, press a numeric key repeatedly until the desired number appears on the screen.

4.2.3 Entering Symbols

Whatever the state of input method:

Press "sym" key to enter the symbol input interface, and then select the symbol on the screen or use the arrow keys to select the symbol you want.

5 Functional Menus

5.1 STK

STK service is the tool kit of SIM card. This phone supports the service function .The specific items are depended by SIM card and network. Service menu will be auto added to the phone menu when supported by network and SIM card.

5.2 Phonebook

You can store the name and telephone number in the phone

memory or the SIM card.

Up to 500 pairs of numbers and names can be stored in the phone memory.

- ◆ The storage capacity of the SIM card is determined by the type of the card.

5.2.1 Add new contact

The mobile telephone provides two modes for add new entries:

In the standby, enter the telephone number, press the ok softkey to save options, confirm the saved number, and then enter the add contact interface of Phonebook.

In the phonebook, click the option and select to add new contact; enter the name and telephone number of the contact in the editing interface, and press the left softkey to save.

5.2.2 Phonebook search

In the standby mode, press right soft key to go to phonebook, and select search to go to the interface view the phonebook. Enter the first letter. Then all the records starting with such letter are displayed.

5.2.3 Send message

Send message to the selected item.

5.2.4 Call

User can dial up the contact.

5.2.5 Edit

User can edit the contact.

5.2.6 Delete

You can choose to delete the record from the SIM card, or phone.

5.2.7 Copy

You can use this function to copy names and telephone numbers from the mobile phone to the SIM card or from the SIM card to the mobile phone.

5.2.8 Move

You can use this function to move names and telephone numbers from the mobile phone to the SIM card or from the SIM card to the mobile phone.

5.2.9 Send business card

Send vCard by SMS, MMS, Email or Bluetooth.

5.2.10 Add to blacklist

Add the contact to blacklist.

5.2.11 Caller groups

A caller group is the combination of phone settings used to identify a particular group of records. The phone provides five call groups: Friends, Family, VIP, Business and Others. You can manage and edit the details of caller groups.

5.2.12 Phonebook settings

- ◆ Preferred storage: Select the storage location for the phonebook records.
- ◆ Speed dial: You can assign number keys 2 to 9 as shortcuts

to important phone numbers. Press and hold a corresponding number key in idle screen to dial the number.

Note: Number key 1 is predefined as the speed dial key for the voice mail number. You cannot change this function.

- ◆ My number: You can view the number of “My Phone” at USIM, and edit.
- ◆ Extra numbers: Owner numbers and Fixed dial.
- ◆ Memory Status: The humanized interface shows the storage status of the SIM card and the mobile phone.
- ◆ Copy contacts: You can use this function to copy names and telephone numbers from the mobile phone to the SIM card or from the SIM card to the mobile phone.
- ◆ Move contacts: You can use this function to move names and telephone numbers from the mobile phone to the SIM card or from the SIM card to the mobile phone.
- ◆ Delete all contacts: To delete all contacts from SIM or phone.
- ◆ Name display: The mode of contact name display.

5.3 Messaging

The phone supports Short Messaging Service (SMS) and Multimedia Message Service (MMS). You can send text messages and manage the messages that you sent and received.

In the standby mode, go to the main menu by pressing the left soft key, and then select message center to enter into the message interface.

In the message, select the option to see operate the other new menu.

■ Voice mail server

Dial the voice mail number to access your voice mail. The number is provided by your network operator.

With the voice mailbox menu, you can carry out the following

operations:

- **Edit:** Add or change the voice mailbox number.

Connect to voice: Fast connection to the current voice mail box number.

Note: The voice mail function requires network support.

■ **MMS Settings**

- **MMS account:** You can edit and start up the SIM server.
- **Arrive report:** You can set whether to send delivery report.
- **Read report:** You can set whether to send read report.

Anonymity: You can set whether to receive anonymous messages.

Priority: Set the send message priority.

- **Retrieve MMS:** Set retrieve MMS manual or auto.
- **Play sound:** Set the MMS whether can to play sound.

Adverting: You can set whether to receive advertisements.

Message validity period: You can set the valid period.

Storage location: You can set the picture music and movie storage location.

Message memory: Show phone or SIM card memory capacity.

5.3.1 Write message

■ **New SMS**

In this menu, you can edit and send new messages.

The characters for every message can be up to 160.

- The operations for editing messages are as follows:

“aA” key: Select input methods; “sym” key: select symbol input.

In order to end inputting text message, press right soft key to exit input method, and then proceed to next operation according to the corresponding function in the screen.

In the interface edit text message, select options via the left soft key, and proceed to the following operations.:

Send: Send the short message to the corresponding recipient.

Insert template: Insert the useful expressions preset in the mobile phone.

Contact info: Insert name of selected contact in the phonebook.

■ New MMS

Edit Recipients, set the telephone number or the e-mail address of the recipients and synchronously edit the content of SMS. Send to the recipients or save as a draft after completing.

5.3.2 Conversations

In the inbox, you can store all the received text messages, and it will display the names of the senders. In the case that the sender is not included in the phonebook, it will display the telephone number of the sender.

- In the inbox, it will display the receiving date for the message as shown by the cursor. Confirm via ok key to view the current message.

The options for a single message include: reply, delete, Call, etc.

- ✧ Reply: Reply the short message or MMS
- ✧ Delete: Delete the short message.
- ✧ Call: Call the number in the short message.
- ✧ Mark several: Mark the current message or mark all.

You cannot receive new messages if the memory for messages is full. Delete unnecessary messages.

5.3.3 Drafts

Choose the completed Messages, press the Up key and the Down key to select and press the left softkey to enter the Options.

- Delete: delete this message
- Edit: edit the current selected message
- Lock: lock the current message

- Mark several: mark the current message or mark all.
- Sort: by time name subject and type.

5.3.4 Archive

Set to save short messages to the SIM card or to the phone.
Select to save and send in sending messages and the sent messages will be saved in the Outbox.
This is to preserve the message has been sent.

5.3.5 Delete messages

Delete the short message.

5.3.6 Email

You can create an account to send / receive E-mail

5.3.7 Broadcast messages

Broadcast messages are messages that your network operator broadcasts to all users within a particular area, such as weather forecast and transportation conditions.

Read: Scroll to read broadcast messages.

Startup: Enable or disable the function.

Channel: Select the channel of cell broadcast.

Language: Set languages for cell broadcast information. Only information in the set language can be received.

Note: All Multimedia messages are stored at the memory of the mobile phone instead of SIM card.

5.3.8 Templates

There are 5 text messages preset in this mobile phone, and they can be edited or deleted, with not more than 40 characters apiece

5.3.9 Message settings

SIM message center: Display SIM card center number.

Message validity period: Show the validity of messages saved.

Save sent message: After sending messages, asking to store

Preferred storage: Set to save short messages to the SIM card or to the phone.

5.4 Camera

This mobile phone supports to take photos, create videos, browsing, etc. The photo is stored at the images in jpg format. You can send it at a MMS to other mobile phone, or view it at a computer by connecting the mobile phone to the computer via USB cable. You can also take the photo to customize your main screen.

Select Camera, you can enter into the photo-taking preview interface.

- Pressing the left soft key to select options, you can go to the photos, camera settings, image settings, white balance, scene modes, effect settings, storage and restore default.
 - EV: select the EV level.
 - Switch to
 - ✧ Photos album: Open the album to view the photos.
 - ✧ Video recorder: Switch to the video recorder.
 - ✧ Use front camera: Switch to the front camera.
 - Capture mode: Can by normal, continuous shot and add frame.
 - Scene modes: Select pre-defined settings for the current environment.
 - Image Size: Set image size and image quality.
 - Highlight: Set on/off the highlight
 - White balance: Set light condition.
 - Effect setting: Select the effect of photo display.

- Adv.settings:
 - Storage: Set the storage location for photos.
 - Image quality: Set the image quality of the photo .
 - Contrast: Set the contrast of the photo.
 - Time stamp: Set on/off the time stamp on photo.
 - Shutter sound: Set the Shutter sound.
 - Anti-flicker: 50Hz or 60Hz.
 - Restore setting: Restore the default settings of camera.

5.5 Call center

In standby mode, press the left soft key to go to the main menu, and then select the call center to view the call log.

In standby mode, press the calling key to directly access the call logs of the SIM card, (and press the left soft key to directly access the dialed call logs of the SIM2 card.).

In the SIM1 call history, you can carry out the following operations:

- **SIM1 Missed Calls:** record the number of missed calls.
- **SIM1 Dialed Calls:** record the number of dialed numbers.
- **SIM1 Received Calls:** record the number of received calls.
- **Delete SIM1 Call Log:** delete the record of missed calls, or dialed calls, or received calls.
- **SIM1 Call Time:** record of the period of last call, total calls, etc.
- **SIM1 Call Cost:** calculate the cost of the last call, total calls, etc.
- **SIM1 SMS Counter:** record the number of sent messages and received messages.
- **SIM1 GPRS Counter:** record of the GPRS data flow in bytes.

If you insert dual SIM cards, call history includes **SIM2 call history**. Please refer to **SIM1 call history** for other operations.

5.6 Profiles

The user can switch from one mode to another according to different occasions.

The phone offers: General Mode, Meeting Mode, Outdoor Mode, Indoor Mode, as well as Silent Mode. The user can also reset individualized modes by pressing the left soft key to enter the option interface.

You can customize the following options for new profiles.

- **General:** You can choose to Activate, Customize, Reset.
- **Silent:** You can select silent mode
- **Meeting:** You can select meeting mode
- **Outdoor:** You can select Outdoor mode
- **My style:** You can custom the mode

5.7 Entertainment

In the main menu interface, press the left soft key to select entertainment, and then select Snake/Puzzle/Dance to enter into the interface.

Press the left soft key and enter to do the following operation:

- ✧ **Start game:** Enter to the initial state of the game.
- ✧ **Continue:** Resume the state at time of exiting the games and continue the game.
- ✧ **Game level:** Select the difficulty level of the game.
- ✧ **Best grades:** Lists rankings.
- ✧ **Help:** Offers detailed instructions on game operation.

5.8 Extras

In the main menu , press the left soft key to select Extras, you may make use of functions:

- **World clock:** You can check the current local date and time of major cities in the world.
- **Notes:** User can add notes and edit them.
- **Unit converter:** User can plug in one unit of weight or length and convert to another.
- **Currency converter:** The exchange rate conversion should first enter the exchange rate, and then enter the national currency value, and press the left soft key OK, in another edit box displays the values you want to.
- **Stopwatch:** There are 2 types of Stopwatches in this menu: Typical stopwatch and n Way stopwatch.
 - **Typical Stopwatch:** The functions of Split timing, Lap timing and View record are provided.
 - **N way Stopwatch:** Press direction keys to start stopwatch. The total time is displayed on the top of the screen. Press and hold the left soft key to reset.
- **Ebook reader:** The phone supports reading files in the *.txt format, which is ideal for reading an e-Book. Store the *.txt files in the E-book folder, and then you can read them in E-Book reader. By going to the reading room interface, you can see Book Shelves, Viewing Settings, History Records and Help.

5.9 FM radio

Press the left soft key to select Options, and carry out the operations, including Channel list, Manual input, Auto search and save, Save Channel, Settings, Record, Append and File list.

- *** key and # key:** Control the volume's down and up.
- **Down key:** Pause /Stop
- **Auto search:** Set automatic searching for channels.
- **Channel list:** Edit channel list.

- **Manual input:** Input the channel manually.
- **Settings:** Set background play and loud speaker.

5.10 Services

GPRS/WCDMA feature shall be activated first for wireless Internet access.

- **Input URL:** Manual input the URL.
- **Home page:** Set the home page.
- **Bookmark:** Set the bookmark to facilitate the browse of the web pages views last time.
- **History:** Store the URLs of previous web pages.
- **Offline:** The phone displays the offline pages you saved.
- **WAP settings:** edit the archive, clear the cache or clear personal information of the SIM card.

5.11 Settings

5.11.1 Phone settings

- **Time and date:** You can set up the date and time on the phone as well as their display mode.
- **Schedule power on/off:** The mobile phone provides 4 times for scheduled power on and off. You can set status and time for each scheduled time.
- **Language:** You can select language for menu operation.
- **Pref input method:** Select an input method based on your needs
- **Encoding:** You need to set the encoding
- **Display**
 - **Wallpaper :** You can set as default wallpaper image as well as more other wallpaper images.
 - **Power On display:** Set the animation displayed when the phone is turned on.

- **Power Off display:** Set the animation displayed when the phone is turned off.
- **Show date and time:**User can set on or off to show the date and time on the standby screen.
- **Backlight:** Set the time of LCD backlight.
- **Greeting text:** You can choose to boot on / off greeting
- **Dedicated key:** You can assign the direction key as shortcuts to important functions. Press the corresponding direction key in standby mode to start the function.
- **Auto update time:** Can auto update the time with network.
- **Flight mode:** Set the Flight mode power on /off.

5.11.2 Call settings

- **Call waiting:** After you choose Activate, the mobile phone will contact the network. A moment later, the network will make a response and send a message to acknowledge your operation. If the call waiting function is activated, the network will alert you and the mobile phone screen will display the incoming call number if others are calling you while you are already in a conversation.
- **Call divert:** this network function enables you to forward incoming calls to another number you have previously specified.
- **Call barring:** The call barring function enables you to bar calls as needed. When setting this function, you need to use a network barring code, which can be obtained from the network operator. If the code is wrong, an error message will be prompted on the screen. After selecting a call barring option, continue to select Activate or Deactivate. The mobile phone will prompt you to input the call barring code and then contact the network. A moment later, the network will make

a response and send the operation results to the mobile phone.

■ **Advanced settings**

- **Black list:** you can set many numbers. When this Black list is enabled, you won't receive the calls from the numbers entered in the Black list.
- **White list:** you can set many numbers. When this White list is enabled, you will answer the calls automatically from the numbers entered in the White list. While if users use SIM card which does not support the call number display functions, namely white list function is invalid.
- **Auto redial:** Set it to On or Off to enable or disable auto redial. If you set Auto redial to On, the mobile phone will automatically redial the number a moment later if the called party does not reply. The number of auto redial times can be set to a maximum of 10. In the auto redial period, you cannot dial other numbers. To end the auto redial process, press the End key.
Note: This function requires support from the network operator to which the SIM card is registered.
- **Call time reminder:** To set single or circle tone in a call to make you know the time.
- **Connect notice:** on, there will be tone when call is connected.
- **Answer mode:** Select an answer mode as per your need.

5.11.3 Network settings

Contact the network operator to obtain the following network services:

- **Network selection:** Set Network selection mode to Automatic or Manual. Automatic is recommended. When Network selection mode is set to Automatic, the mobile

phone will prefer the network where the SIM card is registered. When Network selection mode is set to Manual, you need to select the network operator's network where the SIM card is registered.

5.11.4 Security settings

➤ SIM security

PIN code: You can active, off or modify PIN code. Correct PIN code shall be input when you unlock or off PIN code. If PIN code verification is activated, each time when you switch on your phone, you will have to input PIN code. Three times of invalid PIN codes will lock the SIM card. You will have to enter the PUK1 code to unlock it. Please contact network operator to get PUK1 code. The default PIN code is 1234.

➤ **PIN2 code:** You can review PIN2 code. For details, please contact network operator.

➤ **Phone security:** You can active or off phone password. When phone password is activated, you must enter password each time when you power on the phone. The default phone password is 0000.

➤ **Auto keypad lock:**Keypad lock prevents the inadvertent phone usage. However, you can still be called and you can make emergency calls.

5.11.5 Connectivity

➤ **Bluetooth:** With Bluetooth, you can make a wireless connection to other compatible devices, such as mobile phones, computers, headsets and car kits. You can use the Bluetooth to send images, video clips, music, sound clips and notes, and transfer files from your compatible pc.

➤ **Conn.management:** You can use File manager to organize

your files in folders.

- **Date account:** Internet account.

5.11.6 Restore factory settings

Use this feature to restore all the system data. The menu settings of the phone will be restored to their original values. All the user data stored in the phone will be deleted. Default password for the 0000 phone

Note: Please use this feature with great care. Please backup the data store in your phone before using this feature.

5.11.7 Sound effects

- **Audio effect:** You can choose to Equalizer/Reverb/3D surround effect.
- **Bass enhancement:** You can choose ON/OFF.

5.12 File manger

Use File manager to organize your files in folders.

If a memory card is inserted, the files stored on it are organized separately.

Select Phone or Memory card and select Options to browse, copy, delete, and move the files in folders.

- **Open:** Select to open the Received files, Images, Audio, E-book, my music, and Photos.
- **New folder:** Edit a new folder.

Format: Format the phone or memory card.

5.13 Music

Audio player allows you to play audio files.

The phone supports T-Flash memory card. You need to save downloaded music files to directory My Music, so that they can be

played normally.

Press keys in the Musical Player interface to do the following operations:

- Play/Pause: by pressing Up Key
- Stop: by pressing Down Key
- Shift Music: by pressing the Left and Right direction keys
- Sound Volume Adjustment: by pressing +/- key. You can press "+" key to turn down the volume, and turn up the volume by pressing "-" key.
- Press the left soft key to select "options" in the playing list.

5.14 Images

Pictures taken can be accessed quickly in Image browser. Select Options for available options while viewing pictures.

- ✧ **View:** Open one picture to view.
- ✧ **Image information:** view the images detail
- ✧ **Edit:** Edit the picture
- ✧ **Browse style:** Browse by the list or matrix style.
- ✧ **Send:** Sent through multimedia message or Bluetooth and set the selected image as the wallpaper.
- ✧ **Use as:** set the selected image as the wallpaper, screen saver, etc.
- ✧ **Rename:** rename the picture.
- ✧ **Delete:** delete the picture.
- ✧ **Sort by:** Select to sort the pictures by name, type, time, size.
- ✧ **Delete all files:** Delete all the pictures.
- ✧ **Storage:** Set the storage location for pictures.

5.15 Multimedia

5.15.1 Photo editor

- Photo artist: into the memory card in the select photos, can be automatically change the size, the main screen size of the cutting operation.

5.15.2 Sound recorder

Access this option, you can make a recording.

- **Start to record:** Press the OK key to begin and press the right soft key to stop. The file will be automatically saved. Press the end key to quit without the recording file saved.
- **Record file list:** Broadcast, edit, add, rename, delete and send the saved recording files.
- **Storage location:** Save the file recording.

Note: The recording time depends on the memory capacity of the mobile phone.

5.16 Alarm

Five alarm clocks are set but deactivated by default. You can activate one, multiple or all of them as needed. For each alarm clock, the ringing date and the ringing time can be set.

5.17 Calendar

Once you enter this menu, there is a monthly-view calendar for you to keep track of important appointments, etc. Days with events entered will be marked.

5.18 Calculator

The calculator can add, subtract, multiply and divide. To use the

calculator:

- Press the up, down, left and right key to select +, -, ×, ÷, = respectively.
- Press right soft key to delete the figure.

5.19 Tasks

Choosing Date, call or anniversary to create new memo, which you can view, add, edit, delete, delete overdue task, delete all, jump to date, send route and saved as file. If you have set the alarm for the memo, alarm will sound when time is up, the content of memo will display at the same time.

5.20 Lock keypad

The function enables you to lock/unlock the keypad. Setting the auto locking time that 5s, 30s, 1min or 5mins is available. The keypad will be auto locked with no operation during the period.

5.21 Power off

User can use this function directly off.

5.22 Facebook

Facebook is a social utility that connects people with friends and others who work, study and live around them. People use Facebook to keep up with friends, Colleagues, schoolmate.

5.23 JAVA

User can install some java application what is we need.

6 FAQ and Solutions

Before contacting your after-sales services provider, please conduct some simple inspections as below. In this way, you may

save unnecessary maintenance time and costs.

FAQ	Causes and solutions
Unable to boot up	<ul style="list-style-type: none">■ Ensure you have pressed and held the Start key for at least 1 second;■ Check the battery for proper connection. Disassemble and reinstall the battery, and then try to restart the phone;■ Check whether the battery power has been used up. Please re-charge your battery.
Access to network failed	<ul style="list-style-type: none">■ For weak signal, move to another place and retry;■ Out of reach of the network service provider;■ USIM card is inactive. Contact your network service provider;
Display information during startup	<ul style="list-style-type: none">■ Check the SIM card to see if the SIM card is correctly installed;■ Automatic lock function is checked. Enter the phone lock password before use;■ The PIN code is displayed. The PIN function has been checked. Enter the PIN code each time when the phone is started up; (For the first use, enter the PIN code provided with the SIM card)■ Enter PUK code: If wrong PIN codes are entered for three times consecutively, the mobile phone will be locked. In this case, input the PUK code provided by the network service provider.

<p>Poor voice quality</p>	<ul style="list-style-type: none"> ■ Please check whether the volume control is suitable; ■ When the phone is used in places with poor telecommunications, such as high rises or basement, the radio wave cannot be transmitted efficiently; ■ When you use the phone in the rush hour of calls, line congestion will disable calls.
<p>Shorter standby time</p>	<ul style="list-style-type: none"> ■ The standby time is associated with the network system setup. In this case, you are possibly in place with poor communication. When the signal is not available, the phone will continue to search for the base station. This will consume a lot of battery power, making standby time much shorter. To continue to use, move to a place with strong signal, or shut down the phone temporarily ■ Replace the battery with a new battery;
<p>SIM card error</p>	<ul style="list-style-type: none"> ■ If the metal surface of the SIM card is dirty, clean the metal contact with a clean piece of cloth; ■ SIM card has not been properly installed; ■ If SIM card is damaged, contact your network service provider.
<p>Unable to make calls</p>	<ul style="list-style-type: none"> ■ Check whether the Dial key is depressed after the number is inputted; ■ Check whether your calls have been barred due to insufficient mobile phone fee; ■ Check whether the SIM card is effective; ■ Check whether the call barring function has been set; ■ Check whether the fixed dialing function has

	been set;
Your caller is unable to access to you	<ul style="list-style-type: none"> ■ Check that your phone has been started up and accessed to the network; ■ Check whether your phone has been restricted because of insufficient mobile phone fee; ■ Check whether the SIM card is valid; ■ Check whether the call barring function has been set; ■ Check whether the fixed dialing function has been set;
Unable to re-charge the battery	<ul style="list-style-type: none"> ■ Not well connected. Check whether the plug is properly connected; ■ Charge the battery under 10 °C or above 55°C. Please change to another environment; ■ The battery or battery charge is damaged. If necessary, change it.
Unable to set up some functions	<ul style="list-style-type: none"> ■ Operation errors; ■ The network service provider doesn't support this function, or you have not applied for this function.

If the above instructions are still unable to solve your issues, please record:

- Model type and serial number for your mobile
- Details of the warranty

■ Clear description of your problems
Then contact your local dealer or after-sales brand service department.

7 Reference

7.1 Access Password

This mobile phone's default password is 0000.

7.2 Health and Safety Information

Please carefully read the following brief instructions, and well abide by these regulations, so as not to cause dangers or break the law.

◆ Shut down your mobile phone when around chemical factories, petroleum stations and other flammables and explosives

◆ Keep your mobile phone out of the reach of children

◆ Use the hand-free device (you need to buy one additionally) when driving; unless otherwise in an emergency, please park your automobile and make a call by the roadside

◆ Absolutely do not use your mobile phone during flights, please shut down your mobile phone before the plane takes off.

Shut off your mobile phone in hospitals or the places where the use of mobile phone is forbidden. The mobile phone may interfere with/affect some electronic devices and medical instruments like heart pacemakers, hearing aids and other electronic medical devices

◆ The unauthorized/non-original accessories and fittings have no warranty qualification.

◆ The user cannot disassemble the mobile phone without authorization. Please contact the supplier for the mobile phone

failures.

- ◆ Absolutely do not connect the charger without the battery in the mobile phone.

- ◆ The charging should be carried out under the environment with good ventilation and good heat dissipation and far from the flammables and explosives

- ◆ In order to avoid demagnetization, do not place your mobile phone around magnetic substances like magnetic disk cards, credit cards, etc.

- ◆ Ensure your mobile phone does not contact any liquid. In case of this situation, please remove your battery and contact your supplier.

- ◆ Do not use your mobile phone under extremely high or low temperatures, and do not expose it under direct /strong sunshine or higher moisture content environment.

- ◆ Do not use liquid or wet cloth with strong detergent to clean your mobile phone.

- ◆ The mobile phone is equipped with the built-in antenna, when the mobile phone is powered on, unless necessary, please do not contact the antenna area (on the top of the mobile phone, i.e. near the camera) so as to not affect the telecommunication effect.

- ◆ Please use these functions in compliance with related laws and regulations.

- ◆ The Company shall bear no responsibilities for the application of shooting, sound recording, or any loss incurred due to the no recording, deletion, damage of photos, videos, and sound recordings due to the accessories and software.

- ◆ recording functions may infringe upon the rights of the copyright owner.

- ◆ At the time of applying network functions, in case the user downloads some files with viruses and it results in the failure of the mobile phone, the Company shall not assume any liabilities

thus caused.

◆ It is strictly forbidden to load photo and ring tone files with damaged data. In case of the mobile phone failures resulted from the vicious load, the Company shall not assume any liabilities thus caused

◆ If the unoriginal battery or charger is used, damage may be a result. The Company shall be not liable to indemnify such losses thus caused.

FCC Statement

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance 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.

SAR Information Statement

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. 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 and 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. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is **1.08W/Kg** and when worn on the body, as described in this user guide, is **1.12W/Kg**(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with

the FCC RFexposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: **ZSW-QW120-130-140** Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of **15mm** must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.