

**MX320-QS900**  
**English User Guide**

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## **Foreword**

Thank you for choosing this mobile phone – you have made a wise choice, congratulations!

Our cellular phones are approved for GSM networks and meet stringent European standards. Your phone may be used internationally with various networks depending on your roaming arrangements with your service provider.

To use this phone you must subscribe to a GSM service from a provider. We have included many features in this device but their function depends on the features available with your subscribed wireless network.

Please contact your service provider for more information.

This User Manual is published by the manufacturer without any warranty. Revisions and improvements resulting from typographical errors, inaccuracy of current information, and improvements to the device or software may be done without any prior notification, but will be incorporated into newer editions. More information and help on your phone may be available at the manufacturer's website. The manufacturer reserves all rights to the contents herein.

Copyrights and trade marks mentioned in this document remain with their respective owner, Reproduction, transfer, storage, or distribution in whole or in part of copyrighted materials without prior written permission is expressly prohibited. We strongly recommend you carefully read and understand this manual before using your phone in order to keep it under best conditions for your effective usage and utmost satisfaction.

## Safety

Never attempt to disassemble your phone. You alone are responsible for how you use your phone and any consequences of its use.

As a general rule, always switch off your phone wherever the use of a phone is prohibited.

Use of your phone is subject to safety measures designed to protect users and their environment.

Do not use your phone in damp areas (bathroom, swimming pool...). Protect it from liquids and other moisture.

Do not expose your phone to extreme temperatures lower than - 10 °C and higher than + 55 °C.

The physicochemical processes created by chargers impose temperature limits when charging the battery. Your phone automatically protects the batteries in extreme temperatures.

Do not leave your phone within the reach of small children (certain removable parts may be accidentally ingested).

**Electrical safety:** Only use the chargers listed in the manufacturer's catalogue. Using any other charger may be dangerous; it would also invalidate your warranty. Line voltage must be exactly the one indicated on the charger's serial plate.

**Aircraft safety:** When traveling by plane, you will need to switch your phone off when so instructed by the cabin crew or the warning signs.

Using a mobile phone may be dangerous to the operation of the aircraft and may disrupt the phone network.

Its use is illegal and you could be prosecuted or banned from using cellular networks in the future if you do not abide by these regulations.

**Explosive materials:** Please comply with warning signs at petrol station asking you to switch your phone off. You will need to comply with radio equipment usage restrictions in places such as chemical plants, fuel depots and at any location where blasting operations are under way.

**Electronic equipment:** To avoid the risk of demagnetization, do not let electronic devices close to your phone for a long time.

**Electronic medical equipment:** Your phone is a radio transmitter which may interfere with electronic medical equipment or implants, such as hearing aids, pacemakers, insulin pumps, etc. It is recommended that a minimum separation of 15 cm be maintained between the phone and an implant. Your doctor or the manufacturers of such equipment will be able to give you any advice you may need in this area.

**Hospitals:** Always make sure that your phone is switched off in hospitals when so instructed by warning signs or by medical staff.

**Road safety:** Do not use your phone when driving. In order to give your full attention to driving, stop and park safely before making a call. You must comply with any current legislation.

**Distance of operation:** This phone model has been tested and meets radiofrequency exposure guidelines when used as follows:

- Against the ear: Place or receive a phone call and hold the phone as you would a wire line telephone.









- Body worn: When transmitting, place the phone in a carry accessory that contains no metal and positions the phone a minimum of 2.5 cm from your body. Use of other accessories may not ensure compliance with radiofrequency exposure guidelines. If you do not use a body worn accessory and are not holding the phone at the ear, position the phone a minimum of 2.5 cm from your body,

- Data operation: When using a data feature, position the phone a minimum of 2.5 cm from your body for the whole duration of the data transmission.

## **Glimpse of Your Phone**

*(The picture below is for reference only)*

## Understanding Display Icons

icon	Explanation
	<b>Signal Strength:</b> Shows the received signal strength. Fuller bar means stronger signal.
	<b>Alarm:</b> Shows when an alarm is set and activated.
	<b>Missed call:</b> Shows when you have missed call (s).
	<b>Battery Status:</b> Shows the charge level of phone battery. Fuller bar indicate more power left.
	<b>Short message:</b> Shows on top of the display to indicate there are unread short text messages.
	<b>MMS:</b> Shows on top of the display to indicate there are unread MMS.
	<b>Incoming Call Alert Mode:</b> Indicating current incoming call alert method: Ring only, Vibration only (or to activate the silent mode), Vibration and ring, Vibration then ring, Silent.
	<b>Bluetooth:</b> Shows on top of the display to indicate Bluetooth is activated.



## Knowing the Keys

- 1. Left soft key/Right soft key:** Implement the functions shown in the lower left/right hand corner.
- 2. Call/Answer key (Green key):** Press after dialing to connect by SIM Card. Press if there is an incoming call to answer. Press from standby to go to call records list.
- 3. End/Power key (Red key):** Long press to switch phone on/off; Press to end, reject call; or to exit a menu.
- 4. OK key:** Confirm or accept selection in menu access.  
Press from standby to enter the selected shortcuts list function.
- 5. Navigator Keys:** Press the up/down/left/right direction in menu to scroll, browse or in edit page to move cursor. In idle mode, press the left/right direction keys to select the shortcut function showed on the bottom of the screen, and then press the OK key to confirm.
- 6. 0-9 alphanumeric keys:** Press corresponding keys to input numbers when dialing or numbers and characters when editing.  
From Standby: Long press “2” to “9” key to dial speed dial numbers (as defined in the menu [**Contacts/Speed dial**]).  
Press the alphanumeric key [O] to input “+” symbol for international access in the dialing interface.  
Press the alphanumeric key [P] to input “p” symbol for the fixed extension number.
- 7. ★ (Star) Key:** Press in standby to input “\*” character; long press from standby to activate or deactivate silent mode.

## Preparing Your Phone

### Installing SIM Card

**Please keep your SIM card away from reach of children.**

**Scratches and bends can easily damage the SIM card. Please be extra careful when installing, removing, handling or storing your SIM card.**

**Before installing or removing the SIM card, make sure the phone is switched off, and remove the back cover and battery.**

Find SIM card's groove in the back of phone and slide it completely there. During installation, please make sure that the chip is facing downwards and pay attention to slot direction.

### Installing Memory Card

This phone supports the memory card function. Please ensure the memory card is inserted correctly before using.

**Note that when the phone is shook, the memory card is likely to slide from its groove, so please do not warp and scratch the memory card, or make it contact static electricity, dust or immerse in water.**

Find memory card's groove in the back of phone, make the chip face to back of the phone and pay attention to the slot direction, slide the memory card until it is entirely inserted into its groove.

**Please be careful when using the memory card, especially when inserting and removing it. Some memory cards must be formatted in PC before it is used for the first time.**

**Please regularly backup information in the cards on other equipment when you use cards like T-flash!**

**Improper use or other uncertain factors may cause the damage or loss to the content in the cards.**

### Installing Battery

1. Align the battery chip with the metallic salient point in battery jar, insert the battery and press top of the battery downwards as per the arrow direction until it is inserted into the battery jar.

2. Slide battery cover into back of the phone until it is locked.

## **Removing Battery**

First switch off the phone and make it face downwards, push the battery cover to top of the phone, get its top and remove it.

**Note: All settings or information stored in SIM card and the phone may be lost when the battery is removed.**

**Please remove the battery when the phone is switched off, because it may suffer from abnormality if you remove the battery when it is switched on.**

## **Charging Battery**

Unclose dustproof soft gum of attachment mode on the left side of the phone; insert one end of the charger, i.e., the charging plug into attachment mode and the other end into electrical outlet. If the phone is switched on and the battery power icon stripes in right hand of the screen are rolling, then it is charging; if the stripes are full and have stopped rolling, it is fully charged. If the phone is switched off when charging, a large charging sign will display in screen. After charging is finished, just pull out the plug.

**Note: 1. When the battery is low; the phone display will show a warning message. Recharge the battery as soon as possible to avoid inconvenience of the phone shutting off during a call. Your phone will power off automatically if the voltage becomes too low. Prolong use of battery in low charge state will adversely affect the quality and life of the battery.**

**2. To ensure normal operations, please use approved chargers.**

**3. Do not remove the battery when charging.**

**4. Before you first use, please charge the battery for at least 4 hours. It will achieve maximum efficiency after several charge and discharge cycles.**

## **Security Codes**

### **- PIN Code**

The PIN (Personal Identification Number) code protects your SIM card against unauthorized use. It is normally supplied with the SIM card package. Be careful while entering PIN code, 3 wrong tries in entering PIN code will block the SIM from use, requiring input of PUK code to unblock. Please contact your operator

for further details.

**- PIN2 Code**

The PIN2 code is required when activating certain special features (such as call costs and fixed dialing). It is normally supplied with the SIM card package. Be careful while entering PIN2 code, 3 wrong tries in entering PIN2 code will block the SIM from use, requiring input of PUK2 code to unblock. Please contact your operator for further details.

**- PUK Code**

The PUK (Personal Unblocking Key) code is required to unblock a blocked PIN code. It is normally supplied with the SIM package; otherwise contact your service provider for the code. Keep your PUK code in a safe place, do not throw it away. Contact your service provider if it is lost.

If your SIM is blocked, your phone will ask you to enter PUK code to unblock. You have 10 tries to enter the right PUK code, after which your SIM might be permanently blocked.

**- Phone Password**

The Phone Code is a 4 to 8 digit security code that protects unauthorized use of your phone. The factory default code is “1122”. Once activated, the phone will ask you to enter Phone code every time it is turned on. For your protection, change the default phone code as soon as possible.

Do not forget your phone password.

## Using Your Phone

### Powering on/off

Press and hold **the Red key** to switch your phone on or off.

1. If there is no SIM card, SIM card is defective, or SIM card contact is loose, you will be prompted with a warning after powering on, Shut down and check your SIM and its installation.
2. If inserted SIM card into the phone, meanwhile phone code and PIN code is turned on. When switched on, after entering the phone code and PIN code, the phone enter the standby mode by the current SIM.

**After switched on, the phone will automatically search the network. If the phone detected authorized network, the screen will display the network name and signal strength; If no authorized network is found, the phone can only make emergency calls or use non-communications features.**

### Making a Call

In standby mode, press the corresponding numeric keys to enter the phone number that you want to dial, including necessary area codes. Press **the Right soft key** to delete erroneous inputs; press the **Call/Answer key** to make a call when done to connect.

1. Dialing Fixed/Land Line Extensions: You cannot directly get through some fixed line extensions, and need to dial the telephone exchange or trunk line first and then press [P] key to switch until "P" appears on the screen. And then dial the extension.
2. Making an International Call: To make an international call, press [O] key to switch until the prefix symbol "+" of inter-national call displays in screen.
3. Dialing from Phonebook: Enter the Phonebook via the menu to enter the phonebook list, use the Up/Down Navigator keys to scroll to the desired contact, or press the first letter of the name of the desired contact as saved in your phonebook for quick access to names beginning with the letter then scroll to the desired one.
4. Dialing from Call history: Enter the Call center (press **the Call/Answer key** from standby or via the menu), use the Up/Down navigator keys to scroll to the

desired contact.

## **Receiving a Call**

When there is an incoming call, the phone will give corresponding alert, if your network supports caller ID, the screen will display caller's name or number (depending on whether there is information about the caller in your phonebook).

1. Press **the Call/Answer key** or press **the Left soft key** and confirm [Answer] to answer the incoming call.
2. If function of [User profiles/Customize/Answer mode] is selected as [Any key], press the any key to answer the incoming call except **the Right soft key** or **the Red key**.
3. If the earphone is plugged in and the function of [User profiles/Headset/Customize/Answer mode] is selected as [Auto], the incoming call will be automatically answered after ringing or vibrating for about 2 seconds.
4. If you do not want to answer an incoming call, press **the Red key** to reject it. You can also press **the Red key** to end a call.
5. During a call, you can press **the up/down navigator keys** to adjust receiver volume.
6. You can contact emergency service numbers without the need of SIM card. Different networks uses different emergency numbers, please contact your network operator for details.

## **Emergency Service**

You can directly dial the emergency service number without SIM card. Different networks use different urgency service numbers, so for details please inquire the network operation company.

## **Using the In-Call Menu**

The feature provides some operations and features while you are in active call with a party or several parties. Some of which are network dependent, please inquire with your network operator or service provider of their availability. Press **the OK key** [H-Free/H-Held] to activate the loudspeaker function while on an activate call; following the same procedure can deactivate the function. Press **the Left soft key** [Options] to enter the in-call Options menu while on an

active call (some options are only available under specific conditions).

### **U-disk-Movable Storage**

This phone supports movable storage, i.e., the U-disk function, when the phone is switched off, it can be used as U-disk when connected with PC by data line. When the phone is switch on, it will give alert and show “Mass storage” when connected with PC by data line, and then you can take the memory card as a U-disk when you select [OK] option, or select [Back] to return to continue using the phone functions and charging it.

1. If you select [Mass Storage] mode, please disconnect the data line after downloading, otherwise you can not operate the functions related to U-disk like multimedia, and the user set content (wallpaper and ring tone etc) with original documents stored in memory card will automatically retrieve the default setting and the user setting after quitting the U disk function.
2. When you disconnect the data line, please make the operation of "Unplug or eject hardware" until you can safely disconnect the data line, otherwise you may damage the U-disk.

## Menu Structure

1. STK\*
2. Camera
3. Services
4. Messaging
  - 4.1 Messages
    - 4.1.1 Write message
    - 4.1.2 Inbox
    - 4.1.3 Drafts
    - 4.1.4 Outbox
    - 4.1.5 Sent messages
    - 4.1.6 Broadcast messages
    - 4.1.7 Templates
    - 4.1.8 Message settings
5. Call center
  - 5.1 Call history
  - 5.2 call settings
    - 5.2.1 Call ID
    - 5.2.2 Call waiting
    - 5.2.3 Call divert
    - 5.2.4 Call barring
    - 5.2.5 Group list
    - 5.2.6 Advanced settings
6. Fun & Game
7. Multimedia
  - 7.1 Image viewer
  - 7.2 Video recorder
  - 7.3 Video player
  - 7.4 Audio player
  - 7.5 sound record
  - 7.6 FM radio
8. Phonebook
9. Settings
  - 9.1 User profiles
  - 9.2 Phone setup
    - 9.2.1 Time and date
    - 9.2.2 Schedule power on/off
    - 9.2.3 Language
    - 9.2.4 Pref. input methods
    - 9.2.5 Display
    - 9.2.6 Auto update time
    - 9.2.7 Flight mode
    - 9.2.8 Misc. setting
  - 9.3 Network Settings
  - 9.4 Security Settings
    - 9.4.1 SIM Security
    - 9.4.2 Phone Security
    - 9.4.3 Auto keypad Lock
  - 9.5 Connectivity
  - 9.6 Restore factory settings
10. File manager
11. Extra



# Menu functions

## STK\*

STK is the extra service offered by the network operator. Your phone supports STK function. This function cannot be used if the SIM card or the network operation company does not support this service.

For more information, please contact the network operator.

## Camera

### Camera

Your phone is fitted with camera allows you to take photos whenever possible. You can store the pictures in phone or customize the wallpaper.

Select this option to enter photo preview interface, press the left/right navigator key to adjust EV parameter.

Press "1" key to adjust [Image size], press "2" key to adjust [Image quality], press "4" key to adjust [White balance], press "6" key to adjust [Delay time], press "7" key to adjust[Cont. shot].

In photo preview interface, you can choose the following operations by pressing the Left soft key in a pop-up menu: Photos, Camera settings, Image settings, White balance, Scene mode, Effect settings, Storage and Restore default.

In this interface, press the OK key to take photos, if [Cont. shot] is [Off] after having taken a picture you can preview that picture.

## Services

Internet surfing using the phone is based on Wireless Application Protocol (WAP). WAP translates the internet language into WML and HTML languages understandable by your phone. It requires only the phone and a WAP server support to surf the net. Your network will need to support this feature for you to surf the internet using your phone.

- **Homepage:** You can visit your set homepage.
- **Bookmarks:** Access your saved or bookmarked sites, go to, edit a bookmark, delete the bookmark, delete all bookmarks, or bookmark the current page. Book marking means saving a page as favorite for easier access in the future.
- **Input address:** Input a web address and visit the site.
- **Last web address:** Access the list of recently visited pages .
- **Recent pages:** Access the list of recently and saved visited pages.
- **Settings:** Configure WAP parameters.

Modify, view Info, or Add a new WAP profile settings here.

After opening the GPRS Internet function, you need to make some settings to realize it. When phone leaves factory, it automatically selects parameters according to operator ID for domestic users and those in part countries and regions, so they do not have to make parameter settings, but users in other regions need to get relevant parameters from their operators to make parameter settings.

## Message

Message service is a network dependent function, which allows you to send, receive and edit all kinds of messages. Please contact the network operator for more details.

### Messages

- Write message

Text message: Compose a new message, save and/or send it to the recipient.

Note: to send SMS, you need to set the correct SMS service center number which can be obtained from network provider.

1. Recipient: You can directly input phone number or press the OK key to select from phonebook list.
2. Edit content: While composing, a text message can be up to 160 characters in length and may contain pictures and ring tones (EMS). Press the OK key or the Left soft key [Options] to select options when editing:
  - **Send to:** Directly send edited message.
  - **Input method:** Select the input method.
  - **Insert template:** Insert a pre-installed or recomposed template.
  - **Advanced:** Select the option want to insert. and modify the text format.
  - **Save to Drafts:** Save this SMS to [Drafts] where you can view it

Multimedia message: With this message service, you can send or receive message content of both pictures and texts. All color pictures, animations and music can be delivered to the other side or received to your own phone. This service requires support from network Operation Company and the GPRS function must be opened. For details please consult network Operation Company.

1. Press the Left soft key [Options] while composing the message for following options:
  - **Done:** Confirm finish composing the message to proceed.
  - **Input method:** Choose or change current input method
  - **Add:** Insert picture, sound, video ,subject attachment from file manager to this page. Also you can insert the text template, phonebook number, phonebook name or bookmarks to this page.

- **Edit picture\*:** Modify the added image, available only when was added.
- **Remove\*:** Remove the added image, audio, video available only when was added.
- **Replace\*:** Replace the added image, audio, video available only when was added.
- **Preview MMS:** Preview this MMS.
- **Slide options:** Insert a new slide or page after/before the current slide. Or set the duration for the current slide, picture timing and sound timing.
- **Send Options:** Set MMS message sending options.
- **Details:** View the details of the messages such as message type, size, recipient's no., attachment.
  
- **Advanced:** Select the option want to insert. and modify the text format.
- **Save to Drafts:** Save this MMS to [Drafts] where you can view it

Tip: Part of options will be displayed only in specific circumstances. One page can be added with no more than one melody or picture.

2. After editing required content, select 'Done' to confirm to enter options as below: To (Recipient), Cc (to copy this MMS to this person), Bcc (to confidentially deliver this MMS to this person and other addressees do not know it), select cellular phone number or E-Mail as addressee, the number of which can be one or more; You can also make word edit to MMS subject, and you can edit MMS content after making above mentioned edit settings, of course you can also edit the MMS first and then set above mentioned MMS addressee as well as subject content.

3. After editing required content, press the Right soft key [Done] to confirm to enter MMS sending operations of Send, Save, Save as template, Back to edit message.

- Inbox

Received SMS/MMS messages can be stored either in phone or in SIM memory, and are accessed here.

Tip: 1. when a new message's sender is in [Encryption List], and has been activated [Encrypted Messages], you need enter [Encrypted Messages] to read it.

2. When messages are full, icon of full messages will be displayed in screen upside, you need delete at least one message to receive new one, when new one exceeds inbox saving capacity, its content will be lost and incomplete.

When you have received a message, the tones or vibration (as defined in the menu [Profiles/Profile options/ Customize/ Tone setup/Message tone]) to alert you and message mark will also be shown on the screen.

Press the Left soft key [Read] or the OK key to read the new message, press the Right soft key [Back] to return, and you can access the inbox to read the new message.

1. Select a SMS message, press the OK key to directly read the selected SMS; press the

Left soft key [Options] to make the following operations:

- **View:** View the details of the message.
- **Reply:** Reply SMS to the message sender directly.
- **Forward:** Forward the selected SMS to the other side.
- **Delete:** Delete the current message.
- **Delete all:** Erase all received messages in the Inbox.
- **Custom Delete:** Delete the messages that you select from the message list.
- **Use number:** Call, save the sender's number or numbers contained in the message (the 3 to 40 digits numbers will be extracted and displayed in a list).
- **Use URL:** Access the network address directly contained in the message (supported by the network).
- **Use Email address:** Access the Email address directly contained in the message (supported by the network).
- **Advanced:** Copy/ transfer the currently selected message to the other memory from where it is currently stored. Copy/Move all messages 'From SIM' or 'From phone' memory to the other.

2. Select a MMS message, press the OK key to directly read the selected MMS, and press the Left soft key [Options] to make the following operations:

- **Download\*:** Download the new MMS content, this option will be displayed only when the new MMS has not been downloaded to the phone.
- **View:** View the MMS of details.
- **Reply by SMS:** Reply SMS to the sender.
- **Reply:** Reply MMS to the sender.
- **Reply all:** Reply MMS to all.
- **Forward:** Send the received message to another person.
- **Edit:** Modify the received message and resend to another person.
- **Delete:** Delete the selected message.
- **Delete all:** Erase all messages in the Inbox.
- **Custom Delete:** Erase the selected messages that you want in the Inbox.
- **Save as template:** Save the selected message to Templates.

- Encry. Msg

Encrypted messages can be saved in this option. You have to pass the cryptographic authentication to view encrypted messages, and the original code is 1234. If you have entered wrong code, the phone will display the alert "Empty" and return to encrypted message menu, but no message displays and encrypted list is also empty; if you have entered correct code, you will see encrypted message list.

If encrypted messages are closed, you can make the following operations:

- **Change Encrypt Code:** Be used to update code for encrypted messages. For protection of your safety, the new password must be entered and confirmed for three times.
- **Encryption List:** This list saves encrypted messages' phone numbers, and messages from these numbers are directly saved as encrypted ones to prevent others from viewing.
- **Open Encrypted Message:** Encrypted messages are valid only when this function is opened; otherwise all messages are treated as common ones.
- **Close Encrypted Message:** Close encrypted message function and all messages are treated as common ones.

- Outbox

This option is used to save the messages which have been failed to send, you can select to re-send the selected messages.

Please refer to 'Inbox' for more information.

- Sent messages

If [Message settings/Save and send] option is activated when sending the message, the successful sent message will be saved to [Sent messages].

Please refer to 'Inbox' for more information.

- Drafts

This option is used to save SMS or MMS which have not been prepared for sending.

- Templates

Keeps and maintains up to 10 frequently used short messages and 5 used multimedia messages for input convenience in the future.

- Message settings

1. Text message: Set SMS service parameters.

- Profile settings: Set and save a SMS profile.
- Common settings: Choose to activate or deactivate requesting and sending delivery report by pressing the OK key or the Left soft key.
- Preferred storage: Select where to store messages, either in SIM or phone memory.

2. Multimedia message: Set and save MMS service parameters.

- Edit profile: Set, select and edit network MMS profiles. Inquire with your service provider for more details.
- Common settings:

Compose: Set the following content of MMS creation: Slide time, Creation mode, Picture resizing, Auto signature.

Sending: Configure the MMS sending parameters: Validity period, Delivery report, Read Report, Priority, Delivery time, Hide sender, Send and save.

Retrieval: Configure MMS retrieval parameters: Home network, Roaming, Filters, Read report, Delivery report or Viewer size.

- Memory status

- SMS Memory: View the percentage of the SMS memory consumption.
- MMS Memory: View the MMS Usage, Total, and Free memory status.

### **Email**

You can use this phone to send or receive E-mail.

First of all you have to complete the E-mail Setting shown as following:

1. Apply a POP3 mailbox.
2. Transmission Setting: Default.
3. Mail transfer server setting has to input the SMTP address, which will be provided by E-mail service provider.
4. Connection Port: Will be provided by service provider.
5. Mail receive server setting has to input the POP3 address, which will be provided by E-mail service provider.
6. Connection Port: Will be provided by service provider.

After setting is completed, you can read, send or receive E-mail by using the Inbox and Outbox. E-mail function of this model needs support of E-mail service provider. For details please contact with your E-mail service provider.

### **Voicemail (supported by the network)**

Set and call your voice mail number.

Your network may provide or support voice mailboxes. It is a service that lets your callers leave a voice message at a voice mailbox assigned to you for your later retrieval. You may have to apply for the service and secure the voice mailbox number from your operator.

### **Cell Bro. (supported by the network)**

Set and activate receive of local information broadcast from the network.

Choose whether you want to receive information broadcast from your network such as weather forecast, traffic update, news, and taxi service info. Please contact your local network operator for more details.

## **Call center**

### **Call history**

This phone can record all answered calls, dialed calls and missed calls as well as their call time. Only when related function is supported by network and phone is switched on and in network service area, it can record the answered and missed calls. Call records may be accessed by pressing **the Call/Answer key** from standby or accessing through the menu.

**All/Dialed/Received/Missed calls:** Display list of all /dialed /accepted incoming/missed calls.

Once on the call records list, press **the OK key** to view the details, press **the Left soft key** [Options] to make the following options:

View, Call, Send text message, Send multimedia message, Save to phonebook, Add to Blacklist, Edit before call, Delete, Delete all and Advanced..

- **Call timers:** View air time for the Last call time; Total sent; Total received; or Reset all time.
- **Call cost:** View Last call cost and Total cost; or Reset cost. You may also set Max cost and Price per unit for budgeting purposes (the two functions require PIN2 and network support).
- **Text message counter:** Check the number of sent and received SMS. The number here may not coincide with what is in the SMS menu when you send a long SMS, maybe it contains 4 separate messages, your phone had processed these concatenated messages when editing or reading for your convenience, thus it is counted as 4 in the SMS counter.
- **GPRS counter:** Entering this menu, you can view data flow transmitted at GPRS network, including the last sent data, the last received data, sent data sum and received data sum, and you can also erase records in counter to erase all records.

#### **call settings**

• **Caller ID (supported by the network):** When the caller ID is switched on, the incoming call number will not be displayed on the receiver's screen during a call. When the caller ID is switched off, my number will be displayed on the receiver's screen.

• **Call waiting (supported by the network):** You can switch on and off or checking for the call waiting function.

Switch on call waiting, and you will hear warning alert tone if there is a new incoming call during a call, with a phone number of another call on the screen.

• **Call divert (supported by the network):** Divert your incoming calls to voicemail or other numbers. There are three diverting ways, each of which can be set to divert to voice Mail or to the other number, off or check status.

• **Call barring :** Restrict to answer or dial the call in any situation. You need to apply to the network operator for opening the international long-distance function and get network restricting code for barring setups. Any item of call barring can be set to on, off or check status.

• **Group list:** Display list of group. You can add the group name.

#### **•Advance settings**

-**Blacklist:** Display list of rejected incoming calls. You can add to blacklist any record from phonebook or unsaved ones with 20 at most. When a phone number has been added to the

incoming call blacklist, it will be automatically rejected in any circumstance.

**-Whitelist:** Display list of auto-answer incoming calls. You can add to blacklist any record from phonebook or unsaved ones with 20 at most. When a phone number has been added to the incoming call whitelist, it will be automatically answered in any circumstance.

**-Auto redial:** Switch on or off auto redialing function. When switched on, if the receiver does not answer in dialing, the phone will automatically redial the number. The maximum redial times are 10. And during this period, the subscriber cannot dial any other number. Press **the End/Power key** or **the Right soft key** [Cancel] to end auto redial.

**-Call time display:** Press **the OK key** to turn on or off to show the call duration on screen during a call.

**-Call time reminder:** To have your phone alert you with a beep for every fixed time intervals (Periodic) or once (Single) during a call, press **the OK key** and select either Off; Single; or Periodic; if selected to activate, press **the OK key** again and input time interval in number of seconds (1-3000 for single; 30 – 60 for periodic) and then press **the OK key** again to confirm.

**-Auto quick end:** You can activate or deactivate the function of auto quick end.

**-Reject by SMS:** When there is an incoming call, you can press the Left soft key [Options] to select [Send message] option and confirm, and then enter the editing message interface that you set, confirm again and the message can be sent to the caller. Also the incoming call will be automatically ended.

**-Connect notice:** When the call is connect, your phone alert you with a beep if selected to activate.

**-Answer mode:** If activated any key, you can answer incoming calls just by any key except **the End/Power key** and **the Right soft key**.

## Game

### Fun & Games

- **Java:** Your phone possesses Java function with which you can download and install compatible Java games to your phone through network.



- **Java settings:** Set Java parameters.
- **Java default security:** Set the third party and entrusted domain parameters. And you can select [Restore settings] to set the parameters to the default.

## Multimedia

### Image viewer

Entering this option, you can conveniently view photo list saved in album, press the OK key to view photo, press the Left soft key [Options] to make the following operations: View, Image information, Browse style, Send, Use as, Rename, Delete, Sort by ,Delete all files, and Storage.

### Video recorder

Enter video preview interface by selecting this option, press the up/down navigator to adjust video recorder's focal length, and **the Left soft key** [Options] to make the following operations:

- **Camcorder settings:** press the left/right navigator to set the anti-flicker.
- **Video settings:** set image quality.
- **Storage:** select [Phone] or [Memory card] as videos' saving position.

Press **the OK key** or click the begin icon to begin video recording, during which press the same keys or click the pause icon to pause or continue; **the Right soft key** [Stop] to stop video recording, the phone will give alert whether to save the video, press **the Left soft key** to save the video and return to the preview interface, press **the Right soft key** not to save and return to the preview interface.

### Video player

This menu allows you to playback videos stored in your phone or memory card.

Enter video preview interface, press the OK key or the Left soft key [Options] to make the following operations: Play, Send, Rename, Delete, Delete all files, Sort by and Storage.

### Audio player

- **Go to player:** Play the audio files saved in the phone or memory card. In playing interface, press the OK key to select 'play/ pause', press **the Left/ Right soft key** key to select 'previous/next'; press [5] key to shift play mode, press the \* key and the # key to adjust player volume. Press **the Left soft key** [List] to enter playing list interface,

press the **Left soft key** [Options] to access the operation menu of MP3 player.

1. When play list is empty, it has only [Add] and [Settings] functions ([Settings/List auto gen] is [Off]).
2. When play list is not empty, you can make the following operations for each option: Play, Details, Refresh list and Settings.

### **Sound Recorder**

Your phone can record phone conversations made and record non-call sounds in AMR format.

Select this option to enter the record interface directly, press the up navigator key to start record, press the Left soft key or OK key to pause/continue recording, use the Right soft key [Stop] to stop recording, select [Yes] to store the recorded audio.

Select this option, and press the Left soft key [Options] will make following options available: New Record , List (Once that you have recorded audios, scrolling to the file and press the Left soft key [Options] will make following options available: Play, Append\*, Rename, Delete, Delete all files, Use as, Settings and Send.

### **FM radio**

FM radio is supported by the phone. Access the function only when you plug the earphone. In FM radio interface, press the down navigator key to open/close FM radio function, press the up navigator key to open/close auto search. If activated auto search, press the left/right navigator key to forward/backward the channel auto search, unless a channel is found. You can search the channel by manual, each press left /right navigator key can decrease/increase by 0.1MHz.

Press the OK key to start record, press the OK key to continue/ pause the record, press the Right soft key [Stop] to stop the record. Use the  $-$  key and the  $+$ key to adjust the volume.

Press the Left soft key [Options] to access the following menu: Channel list, Manual input, auto search, Settings, Record, Append and File list.

Note: 1. when background play function is activate, you can listen the tuner in standby or other menu interface. When loud speaker function is activate, you can listen the tuner loud speaker if plug the earphone.

2. Quality of radio subscription is possibly influenced by environment like indoor or under shield. You can improve this situation as following: stand closer to the window, adjust the position of earphone line or adjust the channel manually.

### **Phonebook**

Stores and manages contacts that you often use. There are two locations where you can

store the names and numbers that you regularly use, in the SIM memory and in the phone memory. The volume of contacts can be saved in SIM card depends on SIM capacity, only a name and a phone number for each contact may be save to the SIM contacts.

Select the option to browse the phone book list, as you are browsing, you could enter a character, characters or number and jump to contacts whose names (as saved in the phonebook) starting with or most closely matching with the characters entered.

After searching for the name, press **the Call/Answer key** to dial the number of record, and press the Red key to end dialing. Press the Left soft key [Options] to access the menu options:

- **View:** Display details of currently contact.
- **Send text message:** Send short messages to this number.
- **Send multimedia message:** Send MMS to this number.
- **Call:** Dial the selected phone number.
- **IP dial:** If set and activated IP number in the [Call center/Call settings/Advance settings/IP dial] option, you can dial the currently selected phone number that adds IP number.
- **Contact:** This menu allows you to add the new record to the SIM card or the Phone. Enter the phone number directly in standby mode, then press the OK key to save the phone number in the SIM card or the Phone. Enter this menu, first you need to select storage: To SIM or To Phone.

To SIM: Select this option, input the corresponding name and number, then press the OK key or press the Left soft key [OK] and confirm to save, adding records to the SIM card will be done.

To phone: For adding new phonebook record to phone.

- **Edit:** Modify the currently selected contactor record.
- **Delete:** Delete the currently selected record
- **Copy:** Copy the selected records to SIM card if it is saved in phone and vice versa. You can select 'from SIM to phone, from phone to SIM' option to copy the phonebook you want.

Note: Copy the record from the phone to SIM card, only the name and number of record can be transferred.

- **Move:** Move this record to SIM card if it is saved in phone and vice versa.

Note: Copy or move the record from the phone to SIM card, only the name and number of record can be transferred.

- **Send Business Card:** Send selected contactor record to the other via SMS or MMS, or save it to the folder under the file manager.

- **Add to Blacklist:** Add the currently selected phone number to Filter Call or Filter Message list.

- **Mark several:** Mark one or several phonebook record and make the following options of send text message, send business card, delete and so on..

- **Caller groups:** Display list of group. You can add the group name. , scroll to a group and press the OK key to edit. You can alter the group name.

- **Phonebook settings:**

Memory status: View the service condition of the SIM card and phone's phone book. The capacity of SIM card depends on different SIM card.

Preferred storage: Set default memory location to SIM or phone for saving new contacts.

vCard version: Select the vCard version.

## Settings

### User profiles

Customize alert preferences.

You can customize your alert profiles for different events and environments. Follow the above path and scroll to either: General; Silent; Meeting; Outdoor; My style, press [Options] and select 'Activate' to use the profile. Select 'Customize' to set the following:

- Alert type: Set alert type: Ring only; Vibration only; Vibration and ring, Vibration then ring or Silent.

- Ring type: Scroll to Single (play ring tone once), Repeat (play ring tone repeatedly until you have acted on the event), Ascending (increasing volume) and press the OK key to set as ring mode.

- Incoming call: scroll to select one ring to set as incoming call ring tone.

- Ringtone volume: Adjust ring tone volumes.

- Message: scroll to select one ring to set as message ring tone.

- Message volume: Adjust message tone volumes.

- Keypad tone: select Silent, Click, or Tone type keypad tones.

- Keypad volume: Adjust Keypad tone volumes.

- Power on: select from the preset tones or choose Silent as your power on tone.

- Power off: select from the preset tones or choose Silent as your power off tone.

- System tone: scroll to Warning, Error, Camp On (registered to network), or Connect (call connected) alert events and use the OK key or the Left soft key to toggle alert tone for the event on or off, press the Right soft key [Done] to confirm and press the Left soft key to save.

Note: The headset profile will automatically be activated if you plugged in the headset and

deactivated and return to default profile when the headset is removed. Another mode, the Silent Mode is available by pressing and holding the \* key during standby.

### Phone settings

- **Time and date:** Set the phone's current time and date and its format, home city.
- **Schedule power on /off:** Set the times when you want your phone to be off or on automatically.

Tip: Check your phone before boarding a flight to assure the Power ON function is not activated. The manufacturer will not be responsible for any results because of this.

- **Language:** You can select the operation language of the phone.
  - **Pref. input methods:** Select the default input method.
  - **Display:** Personalize your display according to your preference.
- Wallpaper:** Select wallpaper for your phone; it is the background image on your standby screen.
- Screen saver:** Select a screen saver for your phone, you must set the setting to 'On' and the waiting time must be shorter than the LCD Backlight time. When set, after a period of inactivity (as set by the waiting time), the display will go to the screen saver image.
- Power on/off display:** Customize your power on/off animation or image display using this option.

- **Auto update time:** Select the option can update time automatically.
- **Flight mode:** Once flight mode is on, all of the radio communication related operations will be disabled.
- **Misc. settings:** Set the backlight of the time.

### Network settings

- **Network selection:** Choose to Automatic or Manual select network. If automatic selection, the phone will select the current network where your SIM is registered to. If manual, your phone will search for and list down available networks for your selection, note that you must select the network where your SIM is registered to.
- **Preferences:** Set or modify your preferred network. It will display the network preference list as stored in your SIM.

### Security settings

You can set security options of the phone under this menu so that the phone or the SIM card cannot be illegally used.

- **SIM security:** Press the OK key to activate or deactivate SIM Lock, the current status is displayed in a dialogue box when you scroll to this option. To activate SIM PIN, you will be asked to enter the PIN code. If activated, you will be required to enter the PIN every time you turn on the phone. Please consult with your service provider for more details.

Note: If you key in the incorrect PIN code for three times consecutively, the SIM card will

be locked. The PIN code and PUK code may be offered with the SIM card, otherwise contact your service provider. The default PIN code is usually 1234. Please change your initial phone code promptly.

- **Phone security:** Press the OK key to activate or deactivate phone lock, the current status is displayed in a dialogue box when you scroll to this option. To activate phone lock, you will be asked to enter the phone password. If activated, you will be required to enter the phone password every time you turn on the phone. Please consult with your service provider for more details.

Note: The default phone lock code is 1122. Please change your initial phone code promptly. The above code should be set in the format, such as 0000~00000000.

- **Auto keypad lock:** To avoid accidental key press when the phone is not in use and on standby, you can lock the keypad manually. If activated, after your selected period of inactivity, your phone will automatically lock the keypad. When keypad is locked, you can press the Space key and then press the Left soft key to unlock it.

## **Connectivity**

### **- Data account**

Function: manage GPRS mobile web parameters.

Your phone can use GPRS to access the internet depending on availability of service, please inquire with your network operator for settings and other details.

### **Restore factory settings**

To return your phone's settings to their original values as when it came out of the factory, enter the phone password, select [Yes] to reset and reboot (power off and on again the phone).

## **File manager**

The currently available memory locations are shown in the file manager interface (Phone or memory card), the Total and Free memory are shown on top. Press the Left soft key [Options] for: Open, Format ,Rename and Details.

Open the selected drive to see folders and files inside. Scroll to a folder and press the Left soft key [Options] for following options (in addition to the Open and Create Folder above): Open, New folder, Rename, Delete and Sort by.

Scroll to a file (file types not supported will have an icon with question mark) and press the Left soft key [Options] for following options (in addition to the folder options above):

- **View/Play:** Depending on the file type, view an image or play a video or an audio. This option is not available for file types not supported by your phone.
- **Send:** Send the file, specific functions depending on file type.

- Use as: Use the file, specific functions depending on file type.
- New folder: create a folder in the currently selected drive.
- Rename: modify the name of the folder (file, if on file options).
- Delete: delete the current folder.
- Sort by: sort the display sequence by Name, Type, Time, Size.
- Mark several: Mark one or several files and make the following options of copy, move, delete and so on.
- Copy: Copy the file to another folder.
- Move: Move the file to another folder.
- Delete all files: Erase all files in the current location.
- Details: Show details of the file.

The currently available memory locations are shown in the file manager interface (Phone or memory card), the Total and Free memory are shown on top.

## **Extra**

### **Calculator**

Your phone provides you a calculator with four basic functions, which facilitates simple calculations.

Note: The accuracy rate of calculator is 12 effective numbers, and calculations of over nine effective numbers will cause errors.

### **Calendar**

Select the calendar menu, and the screen will display the calendar of that month, with date of that day shown by a special color. Press the up/down navigator key to modify date and calendar in screen upside will be correspondingly renewed.

Select a date and press the OK key or the Left soft key [Options] and make the following options: View today, View all, Add event, Delete event, Jump to date, Go to weekly/monthly view or Print.

### **Task**

With this function you could expediently manage all kinds of missions in work and life as well as arrange and record your future matters.

When your prearranged matter time is up, phone will give warning tone for reminding you to finish it. When the current schedule is empty, press **the Left soft key** [Add] to add scheduling, and first select the task type: Date, Call and Anniversary.

After selecting one task type and confirm, specific operation steps are as follows (press **the**

**Up/Down navigator keys** to select from the following options): Date, Time, Subject, Alarm, Repeat, Priority, Details and Status.

After editing above options, press **the Right soft key [Done]** and confirm saving.

Note: Phone obligates a certain amount of available memory for schedule. When phone gives alert that memory space is full, you have to delete some unwanted schedule records to create new ones.

Only when planned matter's alert isn't set as [Off], its ring tone setting is effective otherwise there is no alert.

### **Alarm**

This phone can set five alarm clocks at most, which still work in phone switched-off status. When the alarm time is reached, press the Left soft key or the Red key to stop; press the Right soft key to snooze, the alarm will remind you again after snooze time if snooze is selected.

From alarm clock list displayed in alarm clock menu select an alarm clock and press the Left soft key [Edit] to enter its setting menu, after editing above options, press the Right Soft key [Done] and confirm saving, then alarm clock icon displays in idle mode upside.

### **World clock**

View the current time of major world cities.

Check the current time and date of different major cities in the world. Enter the function, a world map will be displayed, the current city is indicated by a longitude line on the x-axis and a latitude line on the y-axis, press the left and right navigator key to move between the cities.

The city's current date and time with an icon indicating if it is day time or night are displayed under the map as you scroll to it.

## **Input Methods**

This phone provides diversified input modes for you to enter letter information when editing SMS and adding phonebook.

Use the [↑] key on the right of the phone to switch between different input methods.

←: Press to clear one character, long press to clear all.

**The Red key:** Return to the idle interface.

**[Sym] key:** In every input status, press this key to call out punctuation and symbol input frame.

### **ABC (abc) input method**

Each key is used to input one character.



1. When you need to input English punctuation and some special signs, press **the [sym] key** to call out special sign input box in English input status (include English capitalization).
2. Press the **[Space]** key to input blank once.
3. Press **the [Ctrl]** key to shift character type on the keypad.
4. Press the **[Caps]** key on the left-lower of the keypad to shift Lower or Capital case.

### **The Numeric input method**

To input numerical values, press the respective numeric keys.

## **Accessories**

Use only batteries, chargers, and accessories approved by the manufacturer with this device. Use of any other types will invalidate the warranty and may be dangerous. Check with your dealer for available accessories. You may opt to buy:

### **Extra battery**

Extra batteries of various capacities are available from our company or through your dealer.

### **Charger plug, data cable**

Charger plug used to connect with the charger cable for charging on wall outlets. Also you can use the data cable to connect with the other devices such as the personal computers to charge the phone.

Charging time is about 2 to 3 hours. The charging condition is displayed on screen. You may use your phone while charging.

### **Earphone**

A mini, practical, hands-free device; you can use its button to answer and end calls. Some models may also come with a volume control knob.

Do not plug or unplug the earphone when connecting dialed or incoming calls.

Please to adjust the incoming call alert volume to the felicitousness before you plug in the earphone.

## **Caring for Battery**

This phone uses a rechargeable battery as power source, when the charge is weak, recharge immediately to protect the batter life. It is best to drain the battery charge first.

When not using the charger, unplug it from the power source and the phone. Over charging will shorten the battery life. Not leave the charger connected to the unit or battery for more than a week.

Temperature affects battery charge capacity.

Your battery may need to be warm up or cool down before charging. If the battery temperature is lower than 0 °C and higher than + 45 °C, it will not recharge.

Use the battery as it is originally intended. Do not short circuit the battery by connecting the positive and negative terminals with a conductor.

Do not use a damaged battery.

The battery will not perform properly and its life will be shortened if exposed to extreme temperatures.

Do not place the battery in fire; follow local laws and ordinances in disposing used battery.

## **Environment**

### **Packaging**

To facilitate the recycling of packaging materials, please obey the sorting rules instituted locally for this type of waste.

### **Batteries**

Spent batteries must be deposited at the designated collection points.

### **The product**

The crossed-out waste bin mark affixed to the product means that it belongs to the family of electrical and electronic equipment.

To promote the recycling and recovery of waste electrical and electronic equipment (WEEE) and at the same time safeguard the environment, European regulations require you to obey the sorting rules instituted locally for this type of waste.

## Technical Specifications

**Weight:**

**Dimensions:**

**Band:** GSM850MHz/PCS1900MHz

**Battery Type:**

**Battery Capacity:**

**Talk Time:**

**Standby Time:**

Battery Time (No prior or separate notice is required for capacity changes)

**Note:** Actual operating conditions depend on the local network environment, SIM, and user behavior.

**Warning:** Any consequence caused by misuse, abuse, or not following any and all of the above-written suggestions and instructions shall not hold the producer in any way responsible to any degree.

**Announcement:** The manufacturer reserves the right to change or upgrade specifications or software versions without prior or separate notice. Trade marks mentioned or used in this material belong to their respective owners.

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.

**NOTE:** 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.

#### Body-worn Operation

This device was tested for typical body-worn operations. To comply With RF exposure requirements, a minimum separation distance of 1.5cm must be maintained between the user's body and the handset, including the antenna.

Third-party belt-clips, holsters, and similar 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.

### **Specific Absorption Rate (SAR) information:**

This Mobile **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.

FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: **QS900 (FCC ID: ZSW-QS900-LQ350)** has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the **ear is 0.552W/kg** and when properly worn on the **body is 0.469W/kg**. This device was tested for typical body-worn operations with the back of the handset kept **1.5cm** from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a **1.5cm** separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components

in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.