MX 748

English UG

Table of contents

1 Foreword

Sincerest gratitude and felicitation for wisely choosing our mobile phone!

Our cellular phones are approved for GSM networks meeting 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.

Included with your handset are GPRS (General Pocket Radio Service) capabilities, the GSM based service that allows you to surf the internet, send and receive e-mails, and benefit from better data management and faster data transmittal.

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.

2 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 form 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.

3 Glimpse of Your Phone

(The picture below is for reference only)

4 Knowing the Keys

1. Left Soft Key, Right Soft Key

Press to select function or action as indicated on the bottom line display directly above them. Press Left soft Key from standby to enter main Menu; Press Right soft Key from standby to view the phonebook list.

2. Call/Answer (Green) Key

Press after dialing to connect.

Press if there is an incoming call to answer.

Press from standby to go to call records list.

3. End/Power (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 main menu.

5. Navigator Keys

Press the up/down/left/right direction in menu to scroll, browse or in edit page to move cursor.

From standby mode:

Press the up/down/left/right direction to enter the different function directly (as defined in the menu [**Settings/Phone setup/Dedicated key**].

6. 0-9 Numeric Keys

Press corresponding keys to input numbers when dialing or numbers and characters when editing.

Press and hold "0" to input "+" for international access.

Press and hold "0" to input "p" for the fixed extension number.

From Standby:

Long press "2" to "9" key to dial speed dial numbers (as defined in the menu [**Settings/Phone setup/Speed dial**]).

7. ★ (Star) Key

Press in standby to input "*" character; long press from standby to activate or deactivate forced silent mode.

8. # (Pound) Key

Press to change input method when editing. Press in standby to input "#" character; press the # key to unlock keypad.

Note: The operation of the functions in this user manual is explained mainly how to use the handset through keypad, and through touch-screen please refer to the guide word in the touch-screen.

5 Preparing Your Phone

5.1 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.

Note: the phone can be supported to install the two GSM SIM cards.

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.

5.2 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 as shown in the figure 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 or SD!

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

5.3 Fitting 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.

5.4 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 abnormity if you remove the battery when it is switched on.

5.5 Charging Battery

Unclose dustproof soft gum of attachment mode on the bottom 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.

5.6 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 "1234". 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.

6 Using Your Phone

6.1 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 one GSM SIM card only into the phone, meanwhile phone code and PIN code is turned on. When switched on, after entering the PIN code and phone code, the phone enter the standby mode by the current SIM.

3. If inserted two GSM SIM cards, meanwhile phone code, PIN1 code and PIN2 code are all turned on. When switched on, you will be prompted to enter the code one by one.

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.

6.2 Making a Call

6.2.1 Making a domestic call

In standby mode, press the corresponding numeric keys to enter the phone number, in idle mode to you want to dial, including necessary area codes. press **the Right soft key** to delete erroneous inputs; press **the Left soft key** or press **the Green key** to make a call when done to connect.

6.2.2 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 and hold [0] key to convert until "P/W" appears on the screen. And then dial the extension. You can dial fixed extensions according in the following order:

+ Country code - Area code - Trunk line number- P/W - Extension number

6.2.3 Making an International Call

To make an international call, long press [0] key until the prefix symbol "＋" of inter-national call displays in screen.

After entering the prefix number, you need to enter the district number and whole telephone number. Status district numbers are in accordance with conventional ones, Germany is 49, Britain is 44, and Sweden is 46, and so on. Just like the dialing of international call, "0" before the city district number should be deleted.

Make an international call on the following sequence:

＋- country code - whole telephone number - dial key

6.3 Dialing from Phonebook

Enter the Phonebook via the menu, select [Quick search] or [Search contact] 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, press **the Green   key** 。

6.4 Dialing from Call history

Enter the Call history (press **the Green key** from standby or via the menu), use **the Up/Down navigator keys** to scroll to the desired contact, press **the Green key** to dial.

6.5 Receiving a Call

When there is an incoming call, the phone will give corresponding alert (as defined in the meun [**User profiles/Profile options/Customize/Alert type**]), 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. You can answer the incoming call by pressing **the Left soft key** to select **[Answer]** or pressing **the Green key** directly.

2. If the headset is plugged-in, pressing on its button will answer the incoming call.

6.6 Refusing a Call

Press **the Red key** or **the Right soft key** to refuse an incoming call.

6.7 Adjusting Call Volume

Press **the Up/Down navigator keys** to adjust earphone volume during a call.

6.8 Ending a Call

You can press **the Red key** to end a call. If you want to cancel a dialed call, you can also press **the Red key** or **the Right soft key.**

6.9 Emergency Services

You can contact emergency service numbers without the need of a SIM card. Different networks uses different emergency numbers, please contact your network operator for details.

6.10 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 Right soft key** [H-Free] to activate the loudspeaker function while on an activate call, following the same procedure can deactivate the function.

Press **the Left soft key** [Options] key to enter the in-call Options menu while on an active call to choose among following functions (some options are only available under specific conditions):

Hold /Retrieve single call: To hold the active call or resume a held call.

End single call: End the current call.

New call: Create a new call.

Phonebook: To perform search; add; and other phone book operations.

Call history: Record the current call.

Messaging: To access the messaging menu.

Mute: To turn muting on or off if you need to speak confidentially with another person present without the other party hearing your conversations.

Swap*: Swap between the current call and the held call.

Conference*： Enter the multilateral conference call status.

Transfer*: To transfer a held call to another call.

DTMF: Turn DMTF function on or off.

End all calls*: End all calls.

Note: Menu options labeled with "*" could display only under specific circumstances. Such as: "Swap" will display only in the coexistence of call and call suspension.

As for activation of "Conference" function, you need to apply to corresponding

18

network operator.

6.11 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 when connected with PC by data line, you can take the phone as a U-disk when you select 'Mass Storage' option, or 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.

6.12 Memory card

You can select the memory card with carious capacities as required and read its content only when inserted into the phone.

7 Menu Structure

1. Phonebook
2. Messaging
    2.1 Write message
    2.2 Inbox
    2.3 Drafts
    2.4 Outbox
    2.5 Sent messages
    2.6 Delete messages
    2.7 Broadcast messages
    2.8 Message settings
3. Call center
    3.1 Call history
    3.2 Call settings
        3.2.1 Call waiting
        3.2.2 Call divert
        3.2.3 Call barring
        3.2.4 Line switching
        3.2.5 Advanced settings
4. Settings
    4.1 profiles
    4.2 Phone settings
        4.2.1 Time and date
        4.2.2 Schedule power on/off
        4.2.3 Language

20

8 Menu functions

8.1 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.

Enter the Phonebook list via the menu, including all records saved in the phone and the SIM card. There are different icons before different records indicating its memory location.

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 End/Power key** to end dialing. Press **the OK key** to view details of the record, press **the Left soft key** [Options] to access the menu options:

　·**Add new 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.

First you need to select storage: To SIM or To Phone.

　　·**To SIM:** Select this option, press **the OK ke**y or press **the Left Soft key** [Edit] to enter name input interface and input the corresponding name, then press **the OK key** or press **the Left soft key** [Options] to select 'Done' and confirm.

23

Press the Navigator key to switch to number column, enter the phone number directly and confirm, finally press **the OK key** or **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, you can set the following content for added phonebook record besides name and phone number as adding phonebook record to SIM: Home number, Company name, Email address, Office number, Fax number, Caller picture, Caller ring tone and Caller group.

· **View:** Display details of the currently recorded.

• **Send text message:** Send a text message to the currently recorded.

• **Send multimedia message:** Send a multimedia message to the currently recorded.

· **Call:** Dial the currently 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.

· **Edit:** Modify the currently selected contactor record.

· **Delete:** Delete the currently selected record.

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

· **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.

• **Add to Blacklist:** Add the phone number to the black list.

· **Phonebook settings**

Preferred storage: select where to store messages preferrly, either in SIM or phone memory.

Speed dial: Set phone's speed dial functions.

My number: Save and view my number (with name).

Extra numbers: Modify the owner numbers and set the function of fixed dial.

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.

Copy contacts: You can select 'SIM to phone, phone to SIM' option to copy the phone book you want.

Move contacts: You can select 'SIM to phone, phone to SIM' option to move the phone book you want.

Delete all contacts: Select to delete the contacts from SIM or the phone memory and you must input the phone password.

8.2 Messageing

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.

8.2.1 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:** Send the composed message, input the recipient's number using the keypad or select a contact from Phonebook.

·**Input method:** Choose or change current input method.

·**Insert:** you can insert the text template, phonebook number, phonebook name or bookmarks to this page.

·**Save to Drafts:** Save the message to drafts.

Multimedia message: With this message service, you can send or receive

25

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:

• **Send to:** Send the composed multimedia message, input the recipient's

number using the keypad or select a contact from Phonebook.

• **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.

• **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.

• **Advanced:** Select the option want to insert. and modify the text format.

• **Save to Dafts:** Save this MMS to [Drafts] where you can view it

After editing required content, press the Right soft key [Done] to confirm to enter MMS sending operations of Send, edit recipient,save to dragts and so on.

8.2.2 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.

26

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.

8.2.3 Draft

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

8.2.4 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.

8.2.5Sent messages

If message is sent successfully, the sent SMS will be saved to Outbox.

8.2.6 Delete messages

Delete inbox,drafts,outbox,sent messages and all messages.

8.2.7 Broadcast messages (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.

8.2.8 Message Settings

- Text message

Sets and save SMS service parameters of card.

 • **Profile settings:** set and save a SMS profile.

Profile name: edit a name for the profile.

SC address: set or edit the message service center number, inquire with your service provider for details on the number.

Valid period: select how long (1 hour; 6 hours, 12 hours; 1 day; 3 day, 1 Week; Maximum) your message will remain with the message service center for sending to the recipient.

Message type: select your message will be send as Text; Fax; Page; or E-mail.

 • **Voicemail server (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

28

later retrieval. You may have to apply for the service and secure the voice mailbox number from your operator. You can save up to two voice mail numbers following the above path. When editing, enter a name similarly as inputting name in adding a phone book record, then the voice mail access number using numeric keypad, press **the Left soft key** and confirm [Yes] to save.

When you need to access your voice mail, choose 'Connect to voice' to dial.

 • **Common Settings:** choose to activate or deactivate requesting and sending delivery report by pressing **the OK key** or **the Left soft key**.

 • **Memory status:** view the percentage of the SMS memory consumption.

 • **Preferred storage:** select where to store messages, either in SIM or phone memory.

 • **Preferred connection:** select which network to connect, either in GPRS or GSM.

- Mutimedia message

Sets and save MMS service parameters.

 • **Data account:** 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:

Creation mode: set MMS creation mode with Restricted or Free.

Image resizing: set image size added to MMS.

Auto signature: turn auto adding custom signature to composed MMS on or off.

Sending: configure the MMS sending parameters:

Validity period: how long our message will remain with the message server for sending to the recipient.

Delivery report: select activate or deactivate request for delivery report.

Read Report: select to activate or deactivate request for read report.

Priority: set message priority as to Low, Normal, or High.

Slide timing: set default duration for slides composed, use numeric keys to input value in seconds.

Delivery time: set delivery time to Immediate, In One Hour; In 12 Hours; or In 24 Hours.

Retrieval: configure MMS retrieval parameters:

Home network: set retrieval mode when in home network as Immediate; Delayed; or Rejected (do not retrieve).

Roaming: set retrieval mode when roaming to similar As Home; Delayed; or Rejected (do not retrieve).

Read report: set to Send, Never Send, or On Request sending of MMS read report to the sender.

Delivery report: select activate (On) or deactivate (Off) sending delivery report.

Preferred storage: select where to store messages, either in SIM or phone memory.

Memory Status: view the MMS Usage, Total, and Free memory status.

- Service message

Configure WAP parameters.

8.3 Call Center

8.3.1 Call history

This phone can record all answered calls, dialed calls, missed calls and rejected 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 (Green) Key** from standby or accessing through the menu. There are different icons before different

30

records.

- All /Dialed/Missed/ Received calls

Display list of all/missed/dialed/received calls.

Once on the call records list, press **the Call/Answer (Green) Key** to make a call; press **the OK key** to view the details, press **the Left soft key** [Options] to make the following options:

• **View:** View the details of the call.

• **Call:** Dial the number of the other party.

• **Send text message:** Compose and send a SMS to the other party.

• **Send multimedia message:** Compose and send a MMS to the other party.

• **Save to phonebook:** Save the call records to phonebook.

• **Add to Blacklist:** Add selected record to the black list.

• **Edit before call:** Modify the phone number of the record and save it to phonebook.

• **Delete:** Delete the current call record.

• **Delete all:** Delete all call record.

8.3.2 Call settings

- call settings

You can set the call settings options as below.

• **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

31

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. Call barring includes:

 • **Line switching*:** Some SIM cards and operators may support two lines; this function allows you to switch between the lines. It will be indicated by an icon on your standby screen status bar. Please inquire with your service provider for more details.

- Advance settings

 • **Black list:** 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.

 •**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 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.

 • **Answer mode:** use **the OK key** or **the Left soft key** to turn any key on or off, if activated, you can answer incoming calls just by any key except the Red key and the Right soft key.

8.4 Settings

8.4.1 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 enter the options.:

8.4.2 Phone settings

- Time and date

• **Set home city:** select the current city nearest to you with the same time zone.

•**Set time/date:** use the left or right navigator key to move the cursor to position and use numeric key pad to enter value and the up or down navigator key to select between setting time and setting date fields, press **the OK key** when done to save.

• **Set format:** set how will you want the time to be. Use the up or down navigator key to select between setting time and setting date formats, the left and right navigator key to scroll between available choices, press **the OK key** when done.

• **Update with time zone:** The time can be update with time zone when this function is actived.

- Schedule power on /off

Set the times when you want your phone to be off or on automatically.

You can set up to four auto power on or off times. Use the up or down navigator key to select between status, power on/off, and time fields, the left and right navigator key to scroll between available choices, and the numeric keys to enter your desired time. The status must be enable for the feature to function, the time range is from 00:00 to 23:59.

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.

- Preferred input methods

Set phone's default input method every time it enters edit mode according to your usage habit.

- Display

Personalize your display according to your preference.

• **Wallpaper:** select a wallpaper for your phone, it is the background image on your standby screen, it may be from the system or choose 'User defined' and select an image using your file manager.

• **Screen saver:** select a screen saver for your phone, you must set the setting to 'On' and the waiting time must be shorter that 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. The screen saver image selection is similar to that of selecting your wallpaper.

• **Power on display:** customize your power on animation or image display using this option.

• **Power off display:** customize your power off animation or image display using this option.

• **Show date and time:** If activate,date and time display on your standby screen.

- Dedicated key

Set and customize functions of the four navigator keys when pressed in standby. **The up/down/left/right navigator keys** may serve as shortcut keys to access specific functions from standby, these function assignments may be altered here

according to your usage preference and habits. Scroll to the key that you want to change and press **the OK key** to get the available functional selections, scroll to the desired function and press **the OK key.**

- Auto update time

The time can be update 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 brightness and time.

8.4.4 Network settings

You can set the network options.

- 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.

- Preferrences

Set or modify your preferred network. It will display the network preference list as stored in your SIM.

8.4.5 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.

- Security

You can select to set the security options.

 • **PIN lock:** 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.

 • **Change PIN:** This menu allows you to change of PIN; PIN2. Enter the old codes, and enter the new code twice to change the passwords.

A code/password must be 4 to 8 digits .To change the PIN code, it must be set to active first.

- 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 1234. 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. You may also set keypad locking to automatic using this option, scroll to a desired option (None for deactivate, 5 sec.; 30 sec.; 1 min.; or 5 min. delay) and press **the OK key**. If activated, after your selected period of inactivity, your phone will automatically lock the keypad, long press the # key to unlock.

36

9.4.6 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.

8.4.8 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).

8.5 Multimedia

8.5.1 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. In this interface, press **the Up/Down Navigator keys** to zoom; press **the Left/Right Navigator keys** to adjust exposure compensation.

Press **the OK key** to take photos which will be stored in [Image viewer] automatically, if [Cont. shot] option is off, you will be notify to save the photo or not after taking a photo, press **the Left soft key** to save it and press **the Right soft key** to cancel the photo and back the photo preview interface.

In photo preview interface, you can choose the following operations by pressing **the Left soft key** [Options] in a pop-up menu:

 • **Photos:** enter the album function.

 • **Camera settings:** use **the Left/Right navigator keys** to adjust the Shutter sound, EV, Banding, Delay timer, Cont. shot options. After adjustment, please press **the OK key** or **the Left Soft key** to confirm current position.

37

- **Image settings:** Select image quality and size.
- **White balance:** set photo white balance.
- **Scene mode:** set scene mode.
- **Effect settings:** set photo effect.
- **Storage:** select [Phone] or [Memory card] as photos' saving position.
- **Restore default:** restore camera parameters to default settings.

9.5.2 Image viewer

Entering this option, you can conveniently view photo list saved in album, press **the OK key** or **the Left soft key** [Options] to make the following operations:

- **View:** View the currently selected photo.
- **Image information:** Show the dedailed information of the photo .
- **Browse style:** Set whether to display photos in matrix or list style, using the list style, the size of the photo file will be shown under the photo name.
- **Send:** Send the photo via the MMS.
- **Use as:** Set the photo as wallpaper; screen saver or caller picture.
- **Rename:** Change the name of the photo.
- **Delete:** Delete the current photo.
- **Sort by:** Arrange the photos according to Name; Type; Time; Size; or None (no sorting).
- **Delete all files:** Delete all photos in the current memory.
- **Storage:** select [Phone] or [Memory card] as image viewer's position.

8.5.3 Video recorder

Enter video preview interface by selecting this option, press **the Left soft key** [Options] to make the following operations:

- **Camcorder settings:** press the left/right navigator to set the following options, including operational content like White balance, EV, Night mode and Banding.
- **Video settings:** set image quality ,size limit,timelimit,record audio.

・ **White balance:** set balance effect.

・ **Effect settings:** set video effect.

• **Storage:** select [Phone] or [Memory card] as videos' saving position.

・ **Restore Default:** restore video-recorder parameter to default settings.

Press **the OK key** to begin video recording, during which press the same keys or 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.

8.5.4 Video player

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

Note: the phone supported to play the video with .avi/.mp4/.3gp format.

Enter video preview interface, press **the OK key** or **the Left soft key** [Options] to make the following operations:

• **Play:** play this video. You need to repress **the OK key** to start playing when screen displays start interface.

During video playing, press the * key to switch between full screen and non-full screen; press 1 or 3 key to adjust video volume (for video with sound); the left/right navigator to fast forward or rewind playing.

Press **the Left soft key** [Options] to select the video settings and make the corresponding operation.

• **Send:** send the video through MMS.

• **Rename:** change the name of the video.

• **Delete:** delete this video.

• **Delete all files:** delete all videos.

• **Sort by:** sort the videos sequence by Name, Type, Time, Size, or None..

• **Storage:** select [Phone] or [Memory card] as videos' saving position.

39

8.5.5 FM radio

FM radio is supported by the phone. Access the function only when you plug the earphone.

In FM radio interface, **the Down navigator key** to open/close FM radio function, **the Up navigator key** to open/close auto search function. If auto search function is opened, press **the Left/Right navigator key**s to forward/backward the channel auto search, unless a channel is found. If auto search function is closed, you can search the channel by manual, each press **the Left/Right navigator keys** can decrease/increase by 0.1MHz.

Use the * key and the # key to adjust the volume.

Press **the OK key** or **the Left soft key** [Options] to access the following menu:

 • **Channel list:** save channel name and frequency. At most 9 channels can be saved in list.

 • **Manual input:** save the selected channel. Input the name and confirm, the channel name and frequency will be saved to channel list.

 • **auto search:** auto search the channel automatically and reset the channel list.

 • **Settings:** activate or deactivate background play and loud speaker. 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.

Note: 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.

8.6 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**

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):

- **Open:** enter or open the selected drive.
- **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, or None.

－**Format**

format the currently selected drive, this will erase all current contents.

Open the selected drive to see folders and files inside. Scroll to a folder and press **the Left soft key** [Options] for diffent options (in addition to the Open and Create Folder above):

8.7 Fun & Games

- Games

The phone provides classic games.

For specific operations, please refer to the directions of each game.

8.8 Services

8.8.1 Internet service

Internet surfing using the phone is based on Wireless Application Protocol (WAP). WAP translates the internet language into WML and HTML languages

41

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

Function: Log on and access the 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.

- Recent Pages

Access the list of recently visited pages.

- Settings

Function: Configure WAP parameters.

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

8.9 Extra

8.9.1 Calculator

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

Enter the sub-menu of the calculator to display the interface of calculator operation:

0~9 numerical key: key in the numeral you want to calculate.

 # Key: key in the decimal point.

The Left soft key, **OK key** key in =.

The Right soft key: clear the last input or results (Press this key to quit the calculator function if there is no numeral input; hold this key to delete all inputs.)

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

8.9.2 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 navigator keys 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:

 • **Jump to date:** after editing a specific date, press **the OK key** to access the calendar interface. But the selected year, month and date are date edited just now.

 • **Go to today:** access today inferface.

 • **Go to weekly/monthly view:** display the calendar as the weekly or monthly.

8.9.3 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 Right soft key** or **the Red key** to stop; press **the Left 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, and specific operation steps are as follows:

1. Activate or deactivate the alarm by selecting 'On' or 'Off'. If an alarm is activated, this alarm will be selected by ' • 'and an alarm icon will display in idle

43

screen.

2. Edit alarm time by the numeric keys.

3. Press **the Left/Right navigator keys** to select if the alarm is to Repeat Once; Everyday; or days (default is from Monday to Friday, and user can set several days in a week as required).

4. Choose one ring tone or channel from FM radio in the list as alarm ring.

5. Press **the Left/Right navigator keys** to select snooze time.

6. Press **the Left/Right navigator keys** to select alarm alert type.

After editing above options, press **the Right Soft key** [Done] and confirm saving, then alarm clock icon displays in idle mode upside.

And you can also follow the same procedure to save the alarm settings after modifying.

8.9.4 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.

8.9.5 Shortcuts

Set ten functions that you often want to use.

Scroll to a listed function and press **the OK key** or **the Left soft key** to select [Add], scroll to a desired function from the list of available functions, then use **the Left/Right navigator keys** to select 1-10 order and press **the OK key** to replace.

You can also select [Edit, Delete, Delete all, Disable/Enable, Change order] options to set the function.

8.10 Audio Player

Play the audio files saved in the phone or memory card.

In playing interface, press **Up navigator keys** to select ▶/❚❚ 'play/pause', ■ 'stop', press **4/6 keys** to select ❘◀ /▶❘ 'previous/next' ; press the */# keys to adjust player volume.

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.

9 Input Methods

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

Use the # key to switch between different input methods and there is corresponding input method icon at the bottom of the screen.

9.1 ABC (abc) input Method

General operation methods of English input method:

1. Each key is used to input several characters. Fast and repeatedly press key until your required character appears.

2.When you need to input English punctuation and some special signs, press the [1] numeric key to call out special sign input box in English input status (include English capitalization).

3. Press the # key to switch input methods.

4. In majuscule or minuscule input status, once press the [0] key to input blank.

9.2 The Numeric Input Method

To input numerical values, press the respective numeric keys.

Long press the [1] numeric key to call out special sign input box and input some special signs.

9.3 Smart English input method

Smart English input method is divided into majuscule, minuscule and initial, i.e. smart majuscule ABC, smart minuscule a b c.

This input method possesses sort of association function which makes you just need to press every letter once to change the whole word. Every key on keyboard represents characters, and this input method would automatically compare in phone's language database and select correct word, so it requires less

46

time than traditional English input method. Smart English input method has the same specific keyboard definition as English input method. General operation methods of smart English input method:

1. Every key is used to input its corresponding character and automatically change to compose word according to previous key's corresponding character. Fast and repeatedly press **the Up/Down Navigator key**s until your requisite character or word appear, and you can select it.

You can press **the Left soft key** to select word or characters and press the [0] key to complete word confirmation and input blank.

2. Press **the # key** to switch input methods.

10 Accessories

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

10.1 Extra Battery

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

10.2 Charger plug, USB data cable

You can plug the Charger with USB data cable for charging, and also charge the phone by the USB data cable connected with PC.

Charging time is about 1.5 to 4 hours. The charging condition is being displayed on screen. You may use your phone while charging.

10.3 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.

11 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.

49

12 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.

13 Technical Specifications

Handset Weight:
Dimensions:
Battery: Li-ion Battery, 3.7V
Band: GSM850MHz/PCS1900MHz

Battery Time (No prior or separate notice is required for capacity changes)
Type:
Charge Time:
Talk Time:
Standby Time:
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:

X

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: **S748 (FCC ID: ZSW-S748)** 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 0.712W/kg** and when properly worn on the **body is 0.961W/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.