Table of Contents

Forewords **1**
FCC Part 15 Notice **2**
SAR **3**
Safety Precautions **4**
Care & Maintenance **6**
Glimpse of Your Phone **6**
Knowing the Keys **8**
Understanding Display Icons **9**
Quick Reference **10**
Preparing Your Phone **11**
Using Your Phone **13**
Accessing the Menus **16**
Using the Features **19**
Messages 19
Camera 27
Games 29
Phone Book 30
Call Records 32
Alarm 33
Settings 33
Mobile Web 38
Multimedia 39
Media Player 41
STK* 42
Extras 42
Input Methods **46**
Accessories **47**
Technical Specifications **49**
Troubleshooting **49**

Forewords

Sincerest felicitation and congratulations for wisely choosing M19 mobile phone!

Our cellular phones are approved for GSM networks conforming to communications industry standards of the People's Republic of China, complies with FCC rules and regulations, and meeting stringent European standards.

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.

We strongly recommend you to 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.

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 to newer editions. More information and help on your phone may be available at the manufacturer’s web site. 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.

Bird is a trademark of China Bird Company, Limited.

JAVA™ and all JAVA™ based trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S.A. and other countries.

T9 associated with predictive text input is protected under one or more of the following US patents: 5,818,437; 5,953,541; 5,187,480; 5,945,928; 6,011,554 and other patents are being applied worldwide..

The WAP navigator software included are exclusive properties of Openwave, therefore it is forbidden to modify, translate, disassemble or even decompile all or part of these softwares.

FCC Part 15 Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: this device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the Federal Communications Commission's Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radiofrequency energy and, if not used and installed in accordance with the instruction, 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 this equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

(1) Reorient or relocate the receiving antenna;

(2) Increase the separation between the equipment and receiver;

(3) Connect the equipment to an outlet on a circuit different from that to which the other receiver is connected;

(4) Consult the dealer or an expert radio/TV technician for help.

FCC Radiation Exposure Statement

This Device complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Important Note: To comply with FCC RF exposure requirement, the antenna used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitters.

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

SAR

Your phone, a radio transceiver designed and manufactured not to exceed exposure limits to radio waves or radiofrequency (RF) energy set by the FCC of USA. Given in terms of a unit referred to as the Specific Absorption Rate (SAR), which is a measure of the amount of radio frequency energy absorbed by the body when using a mobile phone, these limits are part of comprehensive guidelines adopted and consistent with recommendations by independent scientific organizations through periodic and thorough scientific evaluations. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age and health.

The FCC limit for public exposure from cellular telephones is an SAR level of 1.6 watts per kilogram (1.6 W/kg) ave. over 1 gram of tissue.

Tests are conducted with the phone transmitting at its highest certified power levels in all tested frequency bands. Thus, the actual operating SAR level can be well below the maximum value. This is because your phone is designed to use only minimum power required to reach the network. As a general rule, the closer you are to wireless base station antenna the lower the power output.

The tests are performed in positions and locations (e.g.: at ear or worn on the body) as required by the FCC for each model. The highest SAR for this model when tested for use at head is 1.22 W/kg (1900MHz) and 0.962 W/kg (850MHz), while 0.731 W/kg (1900MHz) and 0.746W/kg (850 MHz) at body.

To comply with RF exposure requirements, a minimum distance of 1.5 cm between the body and the device must be maintained. Third party holsters and similar accessories must not contain metallic parts. Body-worn accessories that do not meet these requirements may not comply with the RF exposure requirements and should be avoided. Unauthorized antenna, modifications, or attachments could impair call quality, damage the phone, or result in violation of regulations. Do not use the phone with a damaged antenna, if a damaged antenna comes in contact with the skin, may result to a minor burn. Contact your dealer for a replacement.

This transmitter must not be co-located or operating in conjunction with any other

antenna or transmitters.

Safety Precautions

Please read and remember the following safety precautions. Failure to observe these instructions may be dangerous, may lead to suspension of cellular service, or even resulting into legal consequences. Always follow safety regulations in your area.

 ***Road Safety***

Obey local Laws, always park your properly vehicle first and avoid using hand-held telephone while driving. If unavoidable and allowed, use hands-free mode or hands-free devices when driving. For best performance, use with external antenna while inside a vehicle. Some electronic device in the car may interfere or be interfered by cellular phones. Allow only qualified technician to install your phone to your vehicle. Do not place your phone atop an airbag or air bag deployment area.

 ***Refueling Safety***

For maximum safety, switch off your cellular phone when refueling or inside a refueling station.

 ***Interference***

Mobile radio transmitting equipments including cellular phones may cause and are susceptible to interference, which may cause danger. Please follow special regulations in your area. Switch OFF your cellular phone whenever and wherever its use is restricted.

 ***Hospital Safety***

The use of cellular equipment may interfere with operation of medical devices in medical facilities. Remember to follow special regulations enforced in these area and switch OFF your phone when necessary.

 ***Aircraft Safety***

Using cellular telephones in an aircraft may disrupt radio transmission and signals that may be dangerous to aircraft operation. Be sure to switch off your cellular telephone while inside an aircraft. For maximum safety, remove the battery pack from the phone unit.

 ***Electronic Device Safety***

Health Industry Manufacturers Association recommends that a minimum distance of 6 inches be maintained between a hand-held wireless phone and a pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemaker should take note of their conditions. If there is any reason to

suspect that interference is taking place, please switch OFF your phone immediately. Observe the following diligently:

- ✓ Should always keep the phone at a distance of more than 6 inches from the pacemaker when the phone is switched ON.
- ✓ Should never carry the phone in a breast pocket.
- ✓ Should use the ear opposite the pacemaker when making or answering a call to minimize the potential interference.

 ***Chemical & Explosive Site Safety***

Follow all restrictions regarding the use of cellular devices in chemical plants, fuel storage, fuel distribution area, or where blasting operation is in progress.

 ***Sensible Usage***

For satisfactory operation, use the equipment in accordance with the instructions in this manual. When using this device, obey all regulations, be wary of your own personal safety before convenience of using the phone and respect privacy and legitimate rights of others.

 ***Child Safety***

Keep your phone and all its accessories away from children.

 ***Accessories & Batteries***

Use only accessories that are approved or are specifically made for your cellular phone. Do not connect incompatible devices. Read its user guide carefully first before connecting other devices.

 ***Qualified Service***

Only qualified and authorized persons may disassemble, service or install the phone.

 ***Disposal***

As with all electronic equipments, your phone and its accessories should not be treated as ordinary household waste when the time for disposal comes, it should be handed to appropriate collection point for proper disposal and recycling. By doing so, you will be helping in preventing potentially negative consequences to the environment and human health.

 ***Emergency Calls***

Emergency calls may be made using the cellular telephone in network service areas.

 ***Operating Conditions***

Your phone is not water and moisture resistant or resistant to extreme temperatures. Do not use the device in damp or wet areas as moisture and liquids may corrode its parts. Do not expose your phone to temperature below -10 degrees or above +55 degrees Celsius.



Operating Distance

This phone model is tested and meets RF exposure guidelines if used as follows when receiving or transmitting voice or data:

Against the ear: hold the phone as normally would in using a landline phone.

Body worn: place in a carrying accessory with no metal parts at 1.5 cm minimum distance from the body. Use of other accessories may not ensure compliance. Position the phone 1.5 cm away from the body if no body worn accessory is used or not holding it against the ear.

Care & Maintenance

The following suggestions will help you take care of your phone for optimal performance:

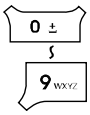
- Keep the phone and all accessories out of reach of children.
- Keep the phone dry. Your phone is not water resistant. Liquids contain minerals that can corrode electronic circuits.
- Keep the phone away from extreme temperatures. High temperatures can shorten the lives of electronic components and the device; melt plastics parts; and damage batteries. Remember to remove your phone from your vehicle when parked at an open space.
- Keep a back up or written copy of important information stored on your phone.
- Do not attempt to open or disassemble the phone. Non-expert handling may damage the phone.
- Do not use strong cleaning solvents, either acidic or basic, to clean the phone.
- Use the accessories and battery type as specified in the instructions, or as provided by the manufacturer, use of unqualified accessories will invalidate the warranty.

Glimpse of Your Phone

(The pictures below are for reference only)


EAR PIECE
DISPLAY
MUSIC PLAYER QUICK KEY
FLANK UP/DOWN KEY
LEFT SOFT KEY
CALL/ANSWER KEY
OK KEY
*KEY
HEADSET CONNECTOR
NAVIGATOR KEYS
RIGHT SOFT KEY
ON/OFF, END/CANCEL KEY
NUMERIC KEYS
KEY
MICROPHONE
USB/CHARGER PORT
DIGITAL CAMERA
SELF PORTRAIT MIRROR
BACK COVER LATCH
Digital camera
Digital camera

Knowing the Keys

Key	Description
	**ON/OFF, End/Cancel (Red) Key** Long press powers phone ON/OFF. Press to end, reject call; or to exit a menu.
	**Call/Answer (Green) Key** Press after dialing to connect, press if there is an incoming call to answer, press during a call to activate hands-free; press from standby to go to call records list.
 	**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 go to Messages Inbox.
	**Navigator** Press the up/down/left/right direction in menu to scroll, browse or in edit page to move cursor; Push up navigator to activate camera from standby; Push down navigator to view Phone Book entries; Push left navigator to view message list in the Inbox; Push right navigator to set ringtones.
	**UP/DOWN flank Key** Press from standby to adjust key tone volume; press while in call to adjust earpiece volume; press while in Music Player mode to adjust volume.
	**Music Player Quick Key** Press and hold from standby to activate Music Player; Press in Camera mode to capture photo.
	**OK Key** Press from standby to access web homepage; Otherwise acts as the confirm key when pressed.
- 	**0-9 Numeric Keys** Hit corresponding keys to input number when dialing or numbers and characters when editing; long press “1” key to go to voice mail; press “0” key when editing to enter a space; long press “0” key when dialing to input “+” for international access..
	**＊(star) Key** Press in standby to input “*” character; long press from standby activates and deactivates silent mode;

	press when editing to shift to change case; press when in music player mode to mute player.
	**＃(pound) Key** Press in standby to input “#” character; long press from standby to lock or unlock keypad; press when editing to change input method.

Understanding Display Icons

Icon	Description
	**Signal Strength** Shows the received signal strength. Fuller bar means stronger signal.
	**Alarm** Appears when an alarm is set and activated.
	**Battery Status** Shows the charge level of phone battery. Fuller bar indicates more power left. When charging, the bar will scroll until the battery is fully charged.
	**SMS** Shows on top of the display to indicate there are unread short text messages.
	**MMS** Shows on top of the display when receiving or sending multimedia messages with the arrow flashing.
	**SMS Full** Shows when message Inbox is full.
	**Silent** Shows when your phone is on silent or vibrate only mode (please refer to * key).
	**Ringing** Shows when your phone alert mode is on a mode that includes ringing.
	**Hands-Free** Shows when your phone is on hands-free mode (please refer to the quick-guide).

Quick Reference

Make a call	Dial the number, press the CALL/ANSWER key.
Answer a call	Press the CALL key or the ACCEPT key.
End a call	Press the END/CANCEL key.
Reject a call	Press the END/CANCEL key or the BUSY key.
Muting	Press the Mute ON / Mute OFF.
Redial	Press the OPERATE/CALL key twice.
Adjust call volume	Press the up or down flank key during call.
Hands-free ON/OFF	Press OPTIONS, select Amplified mode ON, press OK, choose YES to activate hands-free during call, follow the same procedure whilst selecting Amplified Mode OFF to deactivate. Or press the CALL/ANSWER key during call and select YES to activate.
Hold a call	Press the OPTIONS, select Hold call, press OK, to unhold, follow the same procedure whilst selecting Take Back Call.
Save a contact	Key in the number using the numeric keys, press STORE or the OK key, select a memory location using the up or down navigator, and hit OK, enter each field and press OK key to confirm, then select or press SAVE.
Look for a contact	Press the down navigator key or access the Phone Book menu and scroll to the desired contact.
Compose & send SMS	Select Menu → Messages → New Messages → SMS, compose, press Options and select Send or hit OK key, input recipient number, and hit OK key.
Compose & send MMS	Select Menu → Messages → New Messages → MMS, compose, press Options and select Send or hit OK key, input recipient number, and hit OK key.
Read messages	Press Read or the OK key when alerted of a new message receipt. To read inbox messages, press the left navigator key, scroll to desired message, and press Options and select Read or hit OK key.
Reply to message	Press Options and select a Reply option, then follow procedure as in composing and sending a new message.
Enter a menu	Press the Left Soft Key.
Back out from a menu	Press the Right Soft Key. Pressing END/CANCEL key will back-out to the standby window.
Take a picture	Go to Menu → Camera → Camera, point camera at subject and press OK key. Or press the up navigator key, point, and press OK key to capture.
Play a song	Press & hold Music Player Quick Key, scroll to desired song and OK key to play.
Lock/Unlock keypad	Press and hold the “#” key to lock or unlock keypad.

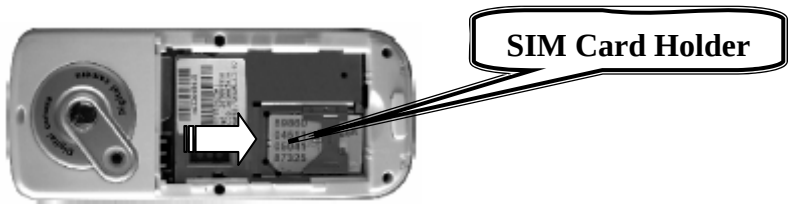
Press or ***Hit*** Press toward the underside of the phone briefly and release.
Long Press or ***Press & Hold*** Press toward phone underside, keep the position for about three seconds, and release.

Preparing Your Phone

Installing SIM Card

- ✧ Please keep your SIM card out of 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, then remove the back cover and battery.

1. Push down the back cover latch at the rear lower center portion and slide the back cover toward the bottom of the phone until it can be removed;
2. Remove the battery (see Removing Battery);
3. Gently slide in the SIM card into the SIM holder flat side first and the beveled corner at the upper left corner with the metal contact face down.
4. Fit the battery and replace the back cover by pushing and sliding it towards the top of the phone.



Fitting Battery

Push the battery into place with the label down and metal contacts at the upper left top side in the back of the phone until the battery fits into place, then replace the back cover (see #4, Installing SIM Card).



Removing Battery

Remove the back cover (see #1, Installing SIM Card) then push toward the top of the phone and lift the battery at the bottom side center to remove.

- ✧ Settings and data stored in the phone or SIM card may be lost after the battery is removed.

Charging Battery

Plug the USB connector into the charger (if the connector position is wrong, it cannot be inserted, do not force it into the port, turn it around and try again) and plug the charger into an AC outlet with the SAME voltage rating, then plug the mini USB connector into the USB/charging port at the bottom side of the unit;

During charging, the battery icon on the LCD will scroll until the battery is fully charged;

When done, pull the connector out of the charging port.

The battery temperature may increase during charging, this is normal, please do not be alarmed.

- ✧ When the battery is low, the phone display will show a warning message and the USB port will be disconnected if it was connected. Recharge the battery within 15 minutes to avoid the inconvenience of the phone shutting off during a call. Your phone will power off automatically if the voltage becomes too low. Prolonged use of battery in low charge state will adversely affect the quality and life of the battery.
- ✧ To ensure normal operations, please use approved chargers.
- ✧ Do not remove the battery when charging.
- ✧ Before your first use, please charge the battery for at least 4 hours. It will achieve maximum efficiency after several charge and discharge cycles.

Caring for Battery

- ➢ This phone uses a rechargeable battery as a power source, when the charge is weak, recharge immediately to protect the battery 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. Do 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 warmed up or cooled down before charging. If the battery temperature is more than 40^{o}C, it will not recharge.
- ➢ Use the battery for its original purpose. 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 of used batteries.

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 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.

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 “0000”. Once activated, the phone will request you to enter the Phone code every time the SIM card is changed. For every wrong code entry, the time interval to the next allowed input will be lengthened. 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  to switch your phone ON or OFF. Startup and goodbye animation will be played during powering ON and OFF.

If there is no SIM card, the SIM card is defective, or the SIM card contact is loose, you will be prompted with a warning after powering ON. Shut down and check your SIM and its installation.

If your phone lock is activated and you changed your SIM, you will be asked to enter your phone code. Input the phone password and press OK.

If the PIN is activated, you will be asked to enter the PIN. Input your PIN code and press .

If your SIM is being blocked, you will be prompted to enter the PUK. Input the PUK code and hit .

If you are powering ON during charging, a “Battery charging” prompt will appear. Press , , or  to continue.

- If the phone detected an 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 numeric keys corresponding to the phone number you are calling, including necessary area codes. Use to erase erroneous inputs. Press when done to connect.

To dial a number from phone book, please refer to Phone Book section. To redial a number from call records list, please refer to the Call Records section.

Refusing a Call

Press or (returning a busy tone to the caller) to reject an incoming call.

Answering a Call

When there is an incoming call, the phone will give the corresponding alert according to your settings (such as Vibrate or Ring). If your network supports caller ID, the screen will display caller's name, number, and picture (if available on your phone). You can answer the incoming call by pressing or .

Adjusting Call Volume

Press the (Flank Up/Down) Key to adjust earphone volume during call, there are 7 volume levels to choose from. Or you can press (Options) and select Amplified Mode ON to turn on the hands-free loud speaker.

Ending a Call

Press to end a call or to terminate a connection after dialing.

Locking & Unlocking Keypad

Press and hold the key from the standby mode to lock or unlock the key pad and prevent accidental key press.

Emergency Services

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

Making an International Call

To make an international call, please long press 0 + to display "+" sign (international call dial prefix), then enter the country code, area code, and phone number. Use ·· to erase erroneous inputs. Press ⌐ when done to connect.

Dialing from Phone Book

Enter the Phone Book (by pressing the down navigator or via the menu), use the up or down navigator to scroll to the desired contact, or press the first letter of the name of the desired contact as saved in your phonebook to start the list with names beginning with the letter, then scroll to the desired name, press ⌐ to dial.

Playing Music

Your phone's music player supports MP3, WAV, MIDI and other music file formats. Long pressing ♪■ will open the Music Player. For detailed operation of the player, please refer to the Media Player section.

USB Removable Mass Storage Media

Your phone may be used as an USB removable mass storage media with about 36 MB of memory capacity by simply plugging the USB data cable into the phone and the desired device.

Please note that you may only be able to access and perform operations on the files saved on the mass storage but not the files in the phone memory. After downloading, remember to stop the USB removable mass storage media (if you are using a PC with Windows™ OS, click on the USB Mass Storage Device icon at the Task Bar and click to stop the device) first before removing the data cable to prevent accidental data loss.

For more detailed operations, please refer to USB Mode in the Settings section.

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 them are network dependent. Please ask your network operator or service provider if they are available. Press • to enter the in-call Options menu while on an active call to choose from the following functions:

- **Amplified Mode ON/OFF**: to activate the loudspeaker for hands-free function.
- **Hold call/ Take back a call**: to hold the active call or resume a held call.
- **End call**: to terminate the call.
- **Secret Mode ON/OFF**: if you need to speak confidentially with another person present without the other party hearing your conversations, you can choose the feature to Mute/Un-mute the phone.
- **Phonebook**: to perform search, add, and other phone book operations.
- **Main menu**: to access the Main Menu.

Accessing the Menus

The Menu Structure

Your phone comes with a variety of useful features and functions grouped into 14 clusters, each represented by an icon and an animation, inside which are features having related functions. Some of these functions may have other sub-functions or options.

- Main Menu
  - Messages
    - New Messages
    - Inbox
    - Outbox
    - Sent
    - Draft
    - Settings
    - Cell Broadcast
    - Voice Mail
    - Memory
    - Group
  - Camera
    - Camera
    - My Album
    - Settings
  - Games
    - More Games
    - Tetris
  - Phone Book
    - Call
    - Edit
    - Send message
    - Send By
    - Copy to SIM/mobile
    - Export
    - Export all
    - Add to phone
    - Add to SIM
    - My numbers
    - Groups
    - Memory
    - Delete
    - Delete all
    - Download SIM
    - List choice

- Call Records
  - Delete Record
  - Add to Phone Book
  - Add to Existing
  - Send SMS
  - Send Card
  - Send MMS
  - Block Calls
  - Block Mssgs.
  - Delete All
  - Call
  - Auto Redial
  - Call Timers
  - GPRS Counters
  - Blacklist
  - Dialed
  - Received
  - Missed
  - Recorded
- Alarm
  - Activate
  - Deactivate
- Settings
  - Set Ringtones
  - Time & Date
  - Language
  - Display
  - Call
  - Connectivity
  - Network
  - Security
  - Player
  - Storage
  - Help
- Mobile Web
  - Home Page
  - Bookmarks
  - Enter URL
  - WAP Settings
- Multimedia
  - My Images
  - My Ringtones
- Media Player
  - Library

- Play
- Remove from List
- Clear List
- Random
- Play options
- Add to Playlist
- Rename
- Priority to
- Details

STK

Extras

- Calculator
- Recorder
- Todo
- Timer
- World Times
- FOREX Tool
- Car Kit
- Applications

Calendar

- See Month
- See Week
- See Today
- See Date
- Calendar Menu
- Help

Navigating the Menus

Press ▫ from the standby screen to enter the Main Menu. Use the Navigator keys to scroll or move among the submenu and options; press ▫ or OK to select and enter; hit the ▫ key to back-step or the ▫ key to return to the standby screen. The title bar atop each menu screen is the title of the current screen and at the same time the previous screen's selected menu item.

Menu options may have a right arrow on the right, this means that you may enter its sub-menu by pressing the right navigator key.

There are two types of Option menus. The blue-colored options are operations or functions on the item or entry that you have scrolled to. The green-colored options are the operations or functions on the list or menu (as a whole).

Shortcuts

From the standby screen, press the following shortcut keys to instantly go to certain commonly used functions or features:

▫ : go to the main menu

: go to the Inbox

: go to Recent Call list

“1” Key: dial Voice Mail number

: activate Music Player

: connect to the Web Homepage

Up Navigator: activate Camera

Right Navigator: go to ringtone settings

Down Navigator: enter Phone Book list

Left Navigator: go to message Inbox

Using the Features

Messages

Your phone provides support for two types of messages, SMS (Short Messaging Service) and MMS (Multimedia Messaging Service). The Messages cluster menu provides the functions to write, send, read, and save text or multimedia messages. These are network dependent functions, please obtain further details from your operator

> ➢ ***Tip**: At the message details interface in any of the mailboxes, scroll to a field that contains an unsaved number, press (View / Store) twice, and you will be able to save the number to your phone book.*

New Messages

***Function**: Compose new SMS or MMS messages to be sent and/or saved.*

***Path**: Menu → Messages → New Messages → SMS / MMS → <Compose> → OK → <input recipient> → OK*

MMS

A multimedia message is a message that may contain, aside from text, objects such as photos, voice, music, images, animations, symbols, etc. Enter the MMS edit mode to input text (please refer to the Input Methods section for more details) of the message. You can press for the following options during editing:

- **Send**: confirm sending of message.
- **Insert**: insert objects into the message such as Take a Photo; Record a voice; Comment; music from My Ringtones, a picture or an animation from My Images; Symbols; Business Cards; Calendar events; or items from the Mass Storage.
- **Remove**: available after an object is inserted, this tool helps you remove inserted objects.
- **ABC Mode**: changes input method to ABC mode.
- **123 Mode**: changes input method to 123 mode.
- **T9 options**: change to T9 input options like English; Bopomofo; Pinyin; Simplified Chinese Stroke; Traditional Chinese Stroke.

- **Save**: save the message to Draft.
- **Cancel**: quit composing and return to Messages menu.
- **Slide**: manages the slide. The options are:
  Goto (move to a slide, available if more than 1 slide was present);
  Remove Slide (remove a slide, also only available when more than 1 slide is present).
  Insert After (insert a slide after current slide);
  Insert Before (insert a slide before the current slide);
  Slide duration (how long the slide will be played);
- **Preview**: play a preview of the MMS.
- **Help**: display helpful hints for the feature.

After composing, you can either press [•] and select Send or hit [OK] to go to the recipient input mode. It is possible to send to multiple recipients by adding one recipient after the other or if you had set mailing list groups, adding the group. To input a recipient, you can input the number using the numeric key pad or press [•] for the following options:

- **Contacts**: go to the Phone Book and select contacts as recipients (please refer to Phone Book section for details on phone book operations) .
- **ABC**: use English input method to input an E-mail address.
- **Add Group**: add a group from the mailing list previously created.
- **Editor**: return to the message editor.

When the recipient has been input, press [OK] to send or [•] for these options:

- **Send**: confirm sending of message.
- **Add Recipient**: add a recipient, you can add as Add To (main recipient) or as Add Cc (carbon copy).
- **Delete**: delete the current (highlighted) recipient.
- **Editor**: return to message editor.
- **Add Subject**: Add a subject line for the message.
- **Send Options**: set message sending options such as Request Delivery Report (Activate/Deactivate); Validity (Max.; 1 Hr.; 12 Hrs.; 1 Day; 1 Week); Priority (Normal; High; Low); Sender Visibility (Activate/Deactivate); and Early Delivery Time (Activate/Deactivate).
- **Save**: Save the message to Draft.

SMS

This lets you compose text messages. Enter the SMS edit mode to input text (please refer to the Input Methods section for more details) of the message. You can press [•] for the following options during editing:

- **Send**: confirm sending of message.
- **ABC Mode**: change input method to ABC mode.
- **123 Mode**: change input method to 123 mode.
- **T9 options**: change to T9 input options like English; Bopomofo; Pinyin; Simplified Chinese Stroke; Traditional Chinese Stroke.

- **Save**: store the message to Draft.
- **Cancel**: quit composing and return to Messages menu.
- **Activate Silent**: turn off the key pad tone while editing.
- **Formatting**: manage the format of your text, options are:
  - ***Upper Case*** (use all caps.);
  - ***Text Alignment*** (align the lines to the Left, Right, or Center the lines);
  - ***Style*** (use Normal, Bold, or Underlined style);
- **Insert**: insert objects to the message such as Emoticons; Sounds; Business Cards; Calendar events; items from the Mass Storage, or symbols.
- **Help**: display helpful hints for the feature.

After composing, you can either press [•] and select Send or hit OK to go to the recipient input mode. It is possible to send to multiple recipients by adding one recipient after the other or if you had set mailing list groups, adding the group. To input a recipient, you can input the number using the numeric key pad or press [•] for the following options:

- **Contacts**: go to the Phone Book and select contacts as recipients (please refer to Phone Book section for details on phone book operations).
- **Add Group**: add a group from the mailing list previously created.
- **Editor**: return to the message editor.

When the recipient has been input, press OK to send or [•] for these options:

- **Send**: confirm sending of message.
- **Add Recipient**: add a recipient, you can add as Add To (main recipient).
- **Delete**: delete the current (highlighted) recipient.
- **Editor**: return to message editor.
- **Send Options**: set message sending options such as Acknowledgement (Activate/Deactivate); Reply Given (Activate/Deactivate); Validity (Max.; 6 Hrs.; 1 Day; 1 Week); Message Format (Text; Fax; E-mail; Voicemail; Pager; X400; ERMES).
- **Save**: Save the message to Draft.

Inbox

Function*: Received messages can be stored either in the phone or SIM memory, and are accessed here.*

Path*: Menu → Messages → Inbox → <Scroll and Select from Message List> → OK (to read) → Options → OK*

When an incoming message is received, you will be notified with an alert screen and an audio / vibra alert (according to your alert settings), press [•] to read the message. Or you can press [••] and the message will be stored in the Inbox where you can read it later. A display icon will be displayed on the top line of the screen indicating that there are unread messages in the Inbox.

To read messages in the Inbox, press the left navigator key (shortcut to Inbox messages) from standby or follow the above path to access the Inbox message list. As

you scroll to a message in the list, an icon on the left of the second line of the screen indicating if it is a SMS () or MMS (), and an icon on the opposite side will indicate if it is stored in the phone or SIM memory for SMS and the size for MMS. Each message in the list will show the name or number of the sender, the first part of the message will be in bold if it is unread or normal if it was read. Press OK to read or view the message.

MMS

The following options are available by pressing • when scrolled to an Inbox MMS message:

- **View**: display the MMS by pressing • inside the message for options:
  - ***Reply…***: compose a reply to the sender either as a completely new message (Reply) or include the received message (Reply with history). It is the same as composing a new message without the need to enter the recipient.
  - ***Forward***: send the MMS to a third party.
  - ***Restart***: replay the MMS.
  - ***Details***: display message details (same as Details below).
  - ***Call Back***: make a return call to the sender.
  - ***Delete***: erase the message.
  - ***Extract***: extract the objects in the message such as graphics or audio.
  - ***Help***: helpful hints for using the MMS feature.
- **Reply…**: compose a reply to the sender either as a completely new message (Reply) or include the received message (Reply with history). It is the same as composing a new message without the need to enter the recipient.
- **Forward**: send the MMS to a third party.
- **Details**: display details of the message such as From; To; Date; Class; Priority; Request delivery Report; Expiry Date.
- **Delete**: erase the message.
- **Delete Read**: erase read messages.
- **Delete All**: empty Inbox.
- **Call Back**: dial the sender's number.

SMS

The following options are available by pressing • when scrolled to an Inbox SMS message:

- **Read**: display the MMS by pressing • inside the message for options:
  - ***Reply…***: compose a reply to the sender as a completely new message. Composing a reply is the same as composing a new message without the need to enter the recipient.
  - ***Reply with History***: compose a reply to the sender including the received message with it.
  - ***Forward***: send the MMS to a third party.
  - ***Call***: make a return call to the sender.

Details: display message details (same as Details below).

Delete: erase the message.

Activate Silent: turn off the key pad tone while editing.

Extract: extract the phone numbers

Help: helpful hints for using the SMS feature.

- **Reply…**: compose a reply to the sender either as a completely new message (Reply) or include the received message (Reply with history). It is the same as composing a new message without the need to enter the recipient.
- **Forward**: send the SMS to a third party.
- **Details**: display details of the message such as From; Date; Subject.
- **Delete**: erase the message.
- **Delete read**: erase read messages.
- **Delete all**: empty Inbox.
- **Call Back**: dial the sender's number.

> ➢ ***Tip****: You may want to delete some unimportant messages from time to time. A full Inbox will affect your phone's ability to receive new messages and the phone's performance as well.*

Outbox

Function*: Messages that are being sent or failed to be sent are kept and may be accessed here.*

Path*: Menu → Messages → Outbox → <Scroll and Select from Message List> → OK (to read) → Options → OK*

Unsent messages may be viewed, edited or sent again here. Each type of message is indicated by their respective icon.

MMS

The following options are available by pressing  when scrolled to an Outbox MMS message:

- **View**: display the MMS by pressing  inside the message for options:

  Restart: replay the MMS.

  Modify: edit the MMS.

  Details: display message details (same as Details below).

  Delete: erase the message.

  Extract: extract the objects in the message such as graphics or audio.

  Send: send the message.

  Help: helpful hints for using the MMS feature.
- **Send**: send the message.
- **Details**: display details of the message such as Subject; To; Date; Priority; Request delivery Report.
- **Send All**: send all messages in the Outbox.
- **Delete**: erase the message.
- **Delete All**: empty Outbox.
- **Modify**: edit the message.

SMS

The following options are available by pressing when scrolled to an Outbox SMS message:

- **Read**: display the MMS by pressing inside the message for options:
  - ***Send***: enter or edit recipient and send the message..
  - ***Call***: make a return call to the sender.
  - ***Details***: display message details (same as Details below).
  - ***Delete***: erase the message.
  - ***Modify***: edit the message
  - ***Activate Silent***: turn off the key pad tone while editing.
  - ***Help***: helpful hints for using the SMS feature.
- **Resume**: try to send the message again.
- **Send**: enter or edit recipient and send the message.
- **Details**: display details of the message such as Subject; To; Date; Priority; Request delivery Report.
- **Send All**: send all messages in the Outbox.
- **Delete**: erase the message.
- **Delete all**: empty Inbox.
- **Modify**: edit the message.

> ***Tip****: Failure to send messages may be due to a lot of possible causes, but always make sure your recipient's number is correct before sending or resuming.*

Sent

Function*: Messages that had been sent are kept and may be accessed here, provided that you have activated the Store Sent Messages option in the Message Settings.*

Path*: Menu → Messages → Sent → <Scroll and Select from Message List> → OK (to read) → Options → OK*

Sent messages may be viewed, edited or forwarded here. Each type of message is indicated by their respective icon.

MMS

The following options are available by pressing when scrolled to a Sent MMS message:

- **View**: display the MMS by pressing inside the message for options:
  - ***Forward***: send the MMS to a third party.
  - ***Restart***: replay the MMS.
  - ***Details***: display message details (same as Details below).
  - ***Delete***: erase the message.
  - ***Extract***: extract the objects in the message such as graphics or audio.
  - ***Help***: helpful hints for using the MMS feature.
- **Forward**: send the MMS to a third party.
- **Details**: display details of the message such as Subject; To; Date; Priority;

Request delivery Report.

- **Delete**: erase the message.
- **Delete All**: empty Sent box.

SMS

The following options are available by pressing when scrolled to an Inbox SMS message:

- **Read**: display the SMS by pressing inside the message for options:
  - ***Forward***: send the SMS to a third party.
  - ***Call***: make a return call to the sender.
  - ***Details***: display message details (same as Details below).
  - ***Delete***: erase the message.
  - ***Activate Silent***: turn off the key pad tone while editing.
  - ***Help***: helpful hints for using the SMS feature.
- **Forward**: send the SMS to a third party.
- **Details**: display details of the message such as Subject; To; Date; Priority; Request delivery Report.
- **Delete**: erase the message.
- **Delete All**: empty Sent box.

Draft

Function*: Saved messages that had not been sent are kept and may be accessed here.*

Path*: Menu → Messages → Draft → <Scroll and Select from Message List> → OK (to read) → Options → OK*

Composed, saved (but not sent) messages may be viewed, edited or sent here. Each type of message is indicated by their respective icon. Operations in this menu are similar to Sent messages.

> ***Tip****: Use the Modify function to be able to send a message in draft.*

Settings

Function*: Set your message sending options and settings.*

Path*: Menu → Messages → Settings → SMS / MMS → <Scroll and Select Settings Field> → Select → <Scroll and Select an Option> → OK*

MMS

- **Store Sent Messages**: Activate or Deactivate saving a copy of sent messages in the Sent box.
- **Retrieval Mode**: set the phone to Automatically or Manually retrieve MMS in Home network or when Roaming. You may also deactivate retrieval when roaming.
- **Priority**: select a sending priority for the message: Low, Normal, High.
- **Request Delivery Report**: Activate or Deactivate attaching request for delivery report when sending.
- **Validity**: set the duration the message will remain with the server for sending. Options are: Maximum; 1 Hour; 12 Hours; 1 Day; 1 Week..

- **Advanced Settings**:
  - ***Send Delivery Report***: set whether a delivery report should be sent upon receipt.
  - ***Ignore MMS***: choose to activate (No) or deactivate (Yes) the MMS feature.
  - ***MMS Server***: Modify, check the Info, or Add a MMS server or parameters.
  - ***Display Bcc***: Activate or Deactivate display Bcc.
  - ***Sender Visibility***: Activate or Deactivate hiding your number from recipient.
  - ***Maximum Size***: Activate (and set to 50 or 100 kB) or Deactivate maximum MMS size support.

SMS

- **Store Sent Messages**: Activate or Deactivate saving a copy of sent messages in the Sent box.
- **Acknowledgement**: set Activate or Deactivate to receive recipient's acknowledgement of receipt of message.
- **Send Read Rpt**: set Activate or Deactivate to send message read report.
- **Validity**: set the duration the message will remain with the server for sending. Options are: Maximum; 6 Hours; 1 Day; 1 Week..
- **Message Format**: set message format as Text; Fax; E-mail; Voicemail; Pager; X400; or ERMES.
- **Message Center Number**: set or edit the network service provider's Message Service Center Number.

> - ***Tip****: Do not alter preinstalled settings by yourself if you do not understand them completely or without proper guidance.*
> - ***Tip****: Deactivate Store Sent Messages to conserve memory space.*
> - ***Tip****: When in a poor coverage area, set MMS retrieval mode to manual to be able to retrieve MMS later.*

Cell Broadcast

Function*: Set and activate reception of local information broadcasts from the network.*

Path*: Menu → Messages → Cell Broadcast → Add Service / Activation / Memory / Diffusion / Language → OK → <Select an option or input field> → OK*

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

Voice Mail

Function*: Set and call your voice mail number*

Path*: Menu → Messages → Voice Mail → <input or select a voice mail number> → OK*

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. The number entered here will automatically be saved as your voice mail number. You may change the number via Settings → Call Settings → Voice Mail. You may also

long press the “1” key to call the voice mail from standby.

Memory

***Function**: Check and view the memory consumption status of your messages.*

***Path**: Menu → Messages → Memory → SMS / MMS → OK*

When checking MMS capacity, memory consumption will be displayed as a percentage of total phone capacity. You can view your memory usage here. If checking SMS memory, SIM and phone capacity will be displayed as number of available message spaces.

Group

***Function**: display the mailing list groups created in the phone book.*

***Path**: Menu → Messages → Group → <Scroll to a group> → OK*

Press the OK key to view members of a group. Press ▭ for options: Send Message, Add group, Modify name, Add contact, Contacts, Properties, Delete, Delete all, Help. For detailed operations, please refer to the Phone Book, Mailing List section.

Camera

Use your phone’s digital camera to take photos and use them for different purposes, i.e. sharing photos with family and friends, using MMS or web, using photos as wallpaper or incoming call alerts .

> ➢ ***Tip**: Using the camera during calls will affect the call quality.*

Camera

***Function**: Activate camera, take, edit, and save photos.*

***Path**: Menu → Camera → Camera → <Point to the subject> → <press* OK *or* ▭ *to capture> → Save → <Select an option> → OK*

When taking a photo, press the up or down Navigator to zoom. Your phone has two zoom settings, x1 and x2. Press the ▭ key for the options:

- **Activate/Deactivate Timer**: turn on or off the delay timer.
- **Mode Setting**: set the capturing mode to Automatic, Back Light, or Night mode.
- **Timer Duration**: set the length of delay timer to None; 10 seconds; 20 seconds; or 30 seconds. (Appears only if Timer is activated)
- **Sound**: set the capturing sound to None or any of the 5 click sounds.
- **Image Quality**: set the image capture to High or Normal quality.
- **Resolution**: set the image resolution to 640x480 or 160x120. The higher the resolution, the better the picture quality, especially when enlarged.

> - ***Tip**: Higher image quality and resolution photos will require more memory space, always keep your available memory in mind when setting these*

parameters.

After making the settings, go Back to the camera interface, press OK or  to capture, press OK again to send the captured photo via MMS, or press the  key to save and for the options:

- **Delete**: erase the picture.
- **Details**: browse the picture details such as file name; size; and date taken.
- **Send by MMS**: send the picture via MMS.
- **New**: take a new picture.
- **Editor**: edit the picture with the following options:
  - ***Zoom***: magnify a certain part of the photo.
  - ***Adjustment***: improve picture contrast.
  - ***Emboss***: emboss photo with a gray tint.
  - ***Negative***: transform the photo to negative.
  - ***Gray Scale***: transform the photo to black and white.
  - ***Contrast***: adjust the contrast level.
  - ***Sharpen***: adjust the picture sharpness.
  - ***Blur***: add blurring effect to the photo.
  - ***Sepia***: change the color to sepia.
  - ***Shape***: shape or change the shape of the photo.
  - ***Brightness***: adjust the brightness level of the photo.
  - ***Solarize***: change the solarization level of the photo. A solarization effect is produced by selectively inverting the pixels below or above a specific threshold level.
  - ***Saturation***: adjust the color saturation.
- **Rename**: edit or modify the name of the photo.
- **Add to Contact**: attach picture to a contact in the phonebook to be used as incoming call alert photo.
- **Wallpaper**: use the picture as wallpaper.

My Album

Function*: Organize and operate on your photos taken here.*

Path*: Menu → Camera → My Album → <Scroll to an image> → <press* OK *to view> → Options → <Select an option> → OK*

Scroll to an image and press OK to view, or press  for Options (also available when viewing the image). You can also move or copy files to and from the phone memory and the built-in USB removable mass storage media. Some of the options are similar to those available after a captured photo is saved, others are:

- **Copy to folder**: copy the image file to another folder.
- **Move to folder**: move the image file to another folder.
- **Delete all**: delete all image files in current memory location (not available in the

image view options).

- **Copy All**: copy all image files in current memory location elsewhere (not available in the image view options).
- **Memory**: view the memory consumption.
- **Mass storage**: access the USB removable mass storage media.

Settings

Function*: Define settings for the camera.*

Path*: Menu → Camera → Settings → <Scroll to and select an option> → OK*

Similar to the Options menu in the Camera:

- **Timer capture**: turn on or off the delay timer and set the length of delay timer to None; 10 seconds; 20 seconds; or 30 seconds..
- **Sound**: set the capturing sound to None or any of the 5 click sounds.
- **Image quality**: set the image capture to High or Normal quality.
- **Mode setting**: set the capturing mode to Automatic, Back Light, or Night mode.
- **Resolution**: set the image resolution to 640x480 or 160x120. The higher the resolution, the better the picture quality, especially when enlarged.
- **Help**: display helpful hints for the feature.

Games

Your phone has Java™ capabilities. You can download, install, and play compatible games from the internet.

> ➢ ***Tip****: Downloading applications may open up your phone to security risks and virus attacks, always try to download only from trusted sites.*

More Games

Function*: Download more games or other Java™ applications.*

Path*: Menu → Games → More Games → Select*

Use this feature or use the Mobile Web feature to download applications and games.

Tetris

Function*: Play the Tetris Game.*

Path*: Menu → Games → Tetris → OK (or Launch)*

Eliminate rows by arranging the falling blocks to fill up all spaces in a row. Use  to pause and resume a game; “4” key or left navigator to move the block to the left; “6” key or right navigator to move block to the right; “8” key or down navigator to make block fall faster; “2” key, “OK” key, or up navigator to turn the block. The more rows eliminated each time gets higher score, the game elevates to the next level for every 1000 points. Game ends when the blocks reached the top of the screen and new blocks have no space or path to fall.

Phone Book

***Function**: Stores and manages contacts that you often use.*

***Path**: Menu → Phone Book → <Scroll to a contact> → OK / Option → <Scroll to an option> → OK*

There are two locations where you can store the names and numbers - in the SIM memory and in the phone memory. The volume of contacts that can be saved in the SIM card depends on the capacity, only a name and a phone number for each contact. Your phone can save a lot of contacts, its capacity is limited only by the memory available after other saved contacts, media files, and other files.

When saving a number in the phone memory, you can add some or all of the following fields: Last Name, First Name, 1st Number (most often used number), 2nd Number, 3rd Number, 1st E-Mail (often used E-mail address), 2nd E-Mail, URL, Address, Company, Comment, Ringtone, and Photo. Fonts of fields that already have a value will be in red.

You can press the down navigator to display the contact list from standby or follow the above path. When you scrolled to a contact, an icon will be displayed on top of the screen indicating its memory location:

: SIM Memory

: Phone Memory

: Fixed Dialing Number, please refer to the Settings → Security Settings → Fixed Dialing section for more details.

To reach a contact in the Phone Book you can use the up or down navigator to scroll through the list or use the keypad to enter the first or the first few letters (in Pinyin for Chinese names) of the name, the list will go to the first entry that fits your entered criteria, then scroll to the desired contact.

Once scrolled to a contact, you can press OK to view the contact, press to dial the contact's number, or to make available the options (if you are using your SIM and phone for the first time and there are no contacts stored, these options will firstly be available):

- **Call**: dial the contact's number.
- **Edit**: Edit and modify the contact's details and fields.
- **Send Message**: send a message to the contact, this brings you to the New Message menu with the contact as your default recipient for the composed message.
- **Send By**: send the contact information or business card to someone using either SMS or MMS.
- **Copy to SIM/mobile**: Copy the contact to SIM or phone memory.
- **Export**: copy the contact to the USB storage.
- **Export all**: copy all contacts to the USB storage.

- **Add to phone**: not available when default memory is set to SIM. Allows you to add or create a new contact record in the phone memory. Press [•] and input the contact name (use Options or the [#] key to change input method or insert a symbol, then press [OK], input number 1 (most often used number) and press OK, then scroll to the other fields that you want to input (use the [OK] key to confirm and return after inputting each field), then choose Save to store the contact.
- **Add to SIM**: not available when default memory is set to Phone. Allows you to add or create a new contact record in the SIM memory. You can create contacts in the SIM Card or the Fixed Directory (Fixed Dialing Directory). This operation is similar to adding a phone contact.
- **My numbers**: save your own number for easy reference and access later. Press Options and choose to Add Contact or select to return to Contacts Menu. You can choose Options at a record later to Edit, Send by, Add Contact, return to Contacts menu, view Help, or Delete it. You can have a maximum of two own numbers saved here.
- **Groups**: these are the groups to whom you can send the same messages to all the members at the same time. It saves you the effort of entering the numbers of each member when sending messages. If you have set a group, scroll to it and hit the [OK] will display the list of members. By pressing [•] the following operations are made available:
  - ***Send Message***: send a SMS or MMS (depending on which type of message the group is set to) to the contact.
  - ***Add group***: add a new group to the mailing list by selecting the type (SMS or MMS) of messages to be received or send to the group and create a group name, hit [OK] to confirm.
  - ***Modify name***: edit or change the name of the mailing list group.
  - ***Add contact***: add a contact record to the group.
  - ***Contacts***: return to the contact list.
  - ***Properties***: view type and number of contacts in the mailing list group.
  - ***Delete***: remove a group.
  - ***Delete all***: clear all groups.
  - ***Help***: display useful instructions or tips in using the feature.
- **Memory**: view the phone and SIM memory consumption status.
- **Delete**: erase the particular contact.
- **Delete all**: clear all contact records in the current memory.
- **Download SIM:** copies SIM contacts to the phone memory, not available when default memory is set to phone.
- **Backup to SIM:** copies contacts from phone memory to SIM, not available when

default memory is set to SIM.

- **List Choice:** set the default memory to SIM, Phone, or SIM and Phone.

> - ***Tip**: It may be helpful to keep another copy of your contacts elsewhere, this saves you a lot of trouble if ever your phone is damaged or lost. You can easily do this by exporting all contacts to the USB mass storage then using the USB data cable to move them to your PC.*

Call Records

***Function**: Stores and manages air times and call history.*

***Path**: Menu → Call Records → <Scroll to a record> → OK / Option → <Scroll to an option> → OK*

Call records may be accessed by pressing  from standby or accessing through the menu. Once on the call records list, press  to view the details of the call, then press  for the options (also available in the call records list display):

- **Delete record**: delete the current call record.
- **Send SMS**: send a SMS message to the contact.
- **Send card**: send the contact information as Text or as Business Card to another contact.
- **Send MMS**: send a MMS message to the contact.
- **Block call**: add the number to incoming call blacklist.
- **Block Mssgs.**: add the number to incoming message blacklist.
- **Delete All**: clear all call records.
- **Call**: dial the contact's number.
- **Auto redial:** set the record for auto redial either as Off, Auto, or Prompt First. If activated, the phone will automatically redial unsuccessful attempts every minute until connected or until when you press  again.
- **Call timers:** check and view air time for the Last Call; Received calls; Dialed calls; All calls; or Reset timers.
- **GPRS counters:** check and view volume of the Last Received Data; Last Sent Data; Total Received Data; Total Sent Data; or Reset counters.
- **Blacklist:** display list of calls from blacklisted numbers. Press  to make available options similar to Call Records options except the options of Restore Call (remove from call blacklist) and Restore Message (remove from messages blacklist).
- **Dialed**: display list of dialed calls.
- **Received**: display list of accepted incoming calls.
- **Missed**: display list of missed calls.
- **Recorded**: display list of recorded or saved numbers.

> - ***Tip**: The call records may be lost when you remove the battery, you may want to save important unsaved numbers from the call records to your phone book before removing your battery.*

Alarm

***Function**: Sets the alarm clock function of the phone.*

***Path**: Menu → Alarm → Activate / Deactivate → <Set Time> → OK*

Use your phone as an alarm clock to alert you on preset time. If an alarm is set, the alarm clock icon will appear on top of the screen. When the alarm goes off, press any key to stop it. You may choose snooze to let the phone alert you again in 5 minutes. The alarm clock is functional even if your phone is OFF or set to silent.

When you select to activate the alarm, you will be prompted to enter the alarm time. Use the numeric keypad to enter the desired time and hit OK to confirm.

> ✪ ***Tip**: When using your phone's alarm clock as morning alarm, do not place it under your pillow or at any place where you may accidentally knock it off from its location.*

Settings

Personalize some functions and features and set certain operating parameters here.

Ringtone Settings

***Function**: Set ringtones and alert modes.*

***Path**: Menu → Settings → Set Ringtones → <Select a category> → Select → <Select an option> → Select → <Select a setting> → OK*

You may also enter the ringtone settings via a shortcut from standby by pressing the right navigator. Select Ringtone Settings and press [•], then press [•] or the right navigator, choose whether to set ringtone for Calls; SMS; MMS; Cell Broadcast; Fax; Alarm; or view Help for the menu by scrolling to the respective option and press [•]. The OK key may also be used instead of the left soft key. Use the up or down scroll key to scroll to an option (default ringtone; Silent; Browse and choose from phone or USB mass storage memory; or download from internet via wap.ehoo.cn) and hit OK.

You can also set the Alert mode to: Vibrate and Ring; Vibrate then Ring; Ring (ringing only); or Vibrate (vibrate only). Or Activate Silent Mode; select Keypad Tone (Fun; Beep; Tones; None), and Activate or Deactivate Battery Low Alert.

Time & Date

***Function**: Set phone's time and date functions.*

***Path**: Menu → Settings → Time & Date → <Select a category> → Select → <Select an option/setting> → Select/OK*

Select Time and Date and press [•], then press [•] or the right navigator, use up or down navigator to choose whether to set Date and Time; Automatic Update; Display; Time Zone; or Daylight savings by scrolling to the respective option and press [•]. The OK key may also be used allowing you of the left soft key.

- **Set Date/Time**: use the left or right navigator to move the cursor to position and use numeric key pad to enter value or the up or down navigator to move value up or down by a step.
- **Automatic update**: requiring network support, you may select update time and date settings as Automatic, On Demand, or Manual..
- **Display**: select if time and date will be shown on standby display as Digital or Analog clock or None (will not show).
- **Time zone**: selection based on GMT time zone in which you are currently located..
- **Daylight savings**: select Winter Time (Normal), or daylight saving time of (minus) 1 hour Summer Time, or 2 hours Summer time.

Language

Function*: Set phone's default language.*

Path*: Menu → Settings → Language → <Select a language> → OK*

Select a default language by scrolling to it and hit OK. If you choose Automatic, the default language of your SIM's network will be used.

Display

Function*: Set phone's display parameters.*

Path*: Menu → Settings → Display → <Select a category> → Select → <Scroll to an Option> → OK*

- **Wallpaper**: select a wallpaper for your phone, it is the background image on your standby screen, it may be Random (randomly chosen from the images stored in your phone), downloaded from internet (wap.ehoo.cn); Browse and choose from the phone or USB mass storage memory; or None.
- **Operator name**: Activate or Deactivate display of operator name or logo during standby.
- **Energy saving**: sets Economy mode; Backlight; or view help
  - ***Economy mode***: select Complete and input the number of seconds delay before auto-locking keypad; Unlocked Keys to disable auto-locking of the keypad; or Deactivate.
  - ***Backlight***: select whether to have Full Backlight or Screen Only backlight and use up or down navigator to scroll to a desired duration for the backlight to stay On after inactivity, choices are 5 seconds, 10 seconds, 15 seconds, 20 seconds, and 25 seconds.
- **Contacts**: choose a Contact List or phone book memory (SIM, Phone, SIM and Phone) to use as default. And choose order of Sorting (By Last Name or By First Name).

Call

Function*: Set how your phone handles calls, mostly requires network support.*

Path*: Menu → Settings → Call Settings → <Select a category> → Select → <Scroll to an*

Option> → OK

- **Auto redial**: set auto redial either as Off, Auto, or Prompt First. If activated, the phone will automatically redial unsuccessful attempts every minute until connected or until you press  again..
- **Call waiting**: Activate, Deactivate, or view Status of call waiting feature, if activated, this feature allows you to know if another call comes in while you are on a call without returning a busy tone to the calling party. You can then choose to reject, accept, or hold the calls.
- **Call divert**: allows the user to forward incoming calls to another number, it is a network dependent feature, ask your operator for availability and details. Call divert options (note that you may only set activate one option each time, to activate one option you have to deactivate the others.) are:

  Voice calls: forward all incoming voice calls.

  All conditional: forward all incoming calls when the line is busy, you didn't answer, or your phone is OFF or outside the coverage area.

  Cancel voice: deactivate forwarding voice calls.

  If busy: forward incoming calls if your line is busy.

  If no answer: forward incoming calls if you do not answer.

  If unavailable: forward incoming calls if your phone is OFF or outside the coverage area.

  Data: forward all data calls

  Faxes: forward all FAX calls.

  Except for the Cancel Voice option, the following sub-menu will be available when an option is selected:

  To Voice Mail: forward to your voice mail number, not available for data and fax forwarding.

  To a Number: select to forward to a number and input the destination to be forwarded to.

  Deactivate: deactivate forwarding.

  Status: check the status of the forwarding activation.
- **Call barring**: network dependent and requires a barring code from your operator (please ask your service provider for more details), the feature allows you to restrict Incoming or Outgoing calls. You can select to bar Voice calls; Data calls; Fax calls; or All calls. For the incoming calls category, you can bar All or bar If Roaming for the call types. For the outgoing calls, you can bar All, International, Except to Home. Then choose to Activate, Deactivate or view Status.
- **Headset**: select Auto answer and Activate it to have your phone automatically connect an incoming call after 5 seconds when the headset is plugged in. Use Kit Volume to adjust volume for the headset.
- **Anonymous mode**: needs network support, select Preset (default), Yes (turn ON) or No (turn OFF) hiding your number from the party being called.
- **Voicemail**: set or edit your voice mailbox number.
- **Help**: view the help file for the menu.

Connectivity

***Function**: Set the parameter of how your phone will communicate with other devices it connects to.*

***Path**: Menu → Settings → Connectivity → Serial Speed / USB mode → Select → <Scroll to an Option> → OK*

- **Serial Speed**: select the speed to be used for data exchange via your phone's serial port, use the up or down navigator to scroll to desired speed and press or to confirm. The available selections are Automatic, 115200, 57600, 38400, 19200, 9600, 4800, 2400, and 1200. Except for specific requirements, it is advisable to set it to Automatic.
- **USB Mode**: set the default mode to use every time the USB is connected:
  - ***Mass Storage***: use your phone as a removable mass storage device.
  - ***At Plug-in:*** set the mode when the USB is plugged-in.
  - ***Modem***: use your phone as a modem for wireless web surfing.

Network

***Function**: configure network preferences and parameters.*

***Path**: Menu → Settings → Network → <Scroll to a category> → Select → <Scroll to an Option> → OK*

- **Selection**: choose to Automatically or Manually select network.
- **Preferred**: set or modify your preferred network. It will display the network preference list as stored in your SIM. If the list is not displayed, input the country code and network code and use up or down navigator to scroll to a desired network and press to confirm.
- **Network type**: select your network: GSM-DCS, PCS, or to Automatically select type.
- **GPRS**: select how you want to be connected on the GPRS network: As Needed, Always ON.

Security

***Function**: configure phone's security settings.*

***Path**: Menu → Settings → Security → <Scroll to a category> → Select → <Scroll to an Option> → OK*

- **PIN number**: managing your PIN code with:
  - ***Modify PIN Code***: to change your PIN code, enter the old code first, press , then enter the new code, press again, input the new code again and press to confirm. Note that the PIN should be activated to be able to change it.
  - ***Control PIN:*** Activate or Deactivate PIN code. If activated, you will be required to enter the PIN every time you turn ON the phone.
- **PIN2 Number**: please refer to Security Codes: PIN2 Code for more information about PIN2 Codes.

- **Phone code**: please refer to Security Codes: Phone Code for more information about Phone Codes.
  - ***Modify***: the operation is similar to that of modifying PIN code.
  - ***Check:*** Activate or Deactivate phone code. If activated, you will be required to enter the code every time you change your SIM.
  - ***Help:*** display the help file for the menu.
- **Privacy**: helps you maintain your privacy in case of unauthorized use.
  - ***Calls***: automatically clears your call records every time your phone is turned ON/OFF if Activated.
  - ***Messages:*** automatically clears messages saved in your phone every time the SIM card is changed.
  - ***Calendar:*** automatically clears calendar events saved in your phone every time the SIM card is changed.
- **Operator**: this feature allows you to set and modify your operator code for such functions such as call barring. For more details, please contact your operator. The procedure for altering the operator code is similar to modifying the PIN code.
- **Fixed Dialing:** this feature limits your phone, allowing you to make calls only to numbers in the fixed dialing list, it requires the PIN2 code.

Player

Function*: configure music player parameters.*

Path*: Menu → Settings → Player → Player Priority → Select → <Scroll to an Option> → OK*

- **Player Priority**: select how you want alerts (except incoming calls and alarm) to be prioritized in relation to your music player.
  - ***Music***: prioritize music player, alerts will be limited to on screen prompting..
  - ***Message Alert:*** prioritize alert, when the music player is playing, it will stop for message alert tone when there is an incoming message.
- **Play options**: select if the player should play the tunes in your playlist in Continuous Play or Play One by One.

Storage

Function*: manages the mass storage and default memory locations.*

Path*: Menu → Settings → Storage → <Scroll to a function> → Select → <Scroll to an Option> → OK*

- **Format U-drv.**: format the USB mass storage media in your phone, note that all its contents will be erased.
- **Default Locations**: set the default My Image and My Ringtones memory location. Note that captured images and recorded audio using the phone can only be stored in the phone memory.
- **Help**: display help file for the menu.

Help

***Function**: manages help file display.*

***Path**: Menu → Settings → Help → Activate / Deactivate → OK*

You can Activate or Deactivate to automatically display help when a menu is accessed using this feature.

Mobile Web

Your phone's internet surfing 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.

Home Page

***Function**: Log on and access the homepage.*

***Path**: Menu → Mobile Web → Homepage (Name of the carrier) → Select→ Options → <Select an option> → Select*

You can visit your homepage via the shortcut by pressing the OK key from standby or following the above path. While inside a WAP site, press for options:

- **Select**: select the item currently highlighted.
- **Home**: go to your homepage.
- **Mark page**: bookmark the current page. Book marking means saving a page as favorite for easier access in the future.
- **Save Object**: save the selected object to the phone, it may be an image, a ringtone, an application, or a file.
- **Browsing**: calls the browsing options:
  - ***Save this page***: save the current page to the phone.
  - ***Open page:*** open a saved or target page.
  - ***Details:*** view details of the page.
  - ***History:*** browse or access recent history of pages or sites visited.
- **Reload**: reload or refresh a page.
- **Advanced**: set advanced functions or parameters, such as Connection, Settings, Delete Cookies, and Reset (clear) Cache.

Bookmarks

***Function**: Manages sites or pages that you had bookmarked for easier access.*

***Path**: Menu → Mobile Web → Bookmarks → Select→ Options → <Select an option> → Select*

Accessing the Bookmarks will display a list of favorites saved. Use the up and down navigator and press OK to open the page or press for options:

- **Open**: open the page.
- **Set homepage**: set as your homepage.
- **Details**: view details such as Name, URL, and Folder.
- **Send**: send the bookmark using SMS.

- **New**: create a new bookmark or Favorite or a new Folder.
- **Delete All**: remove all bookmarks.
- **Hotkeys**: assign hot keys.

Enter URL

Function*: Input an address and access it.*

Path*: Menu → Mobile Web → Enter URL → Select → <input an URL> → OK*

You can input an URL using the abc input method (use "1" key for dot "." Or press Options for symbols) and press OK to open the page .

WAP Settings

Function*: Configure WAP parameters.*

Path*: Menu → Mobile Web → WAP Settings → Select → Profiles / Connection Time Out → OK*

Modify, view Info, or Add a new WAP profile settings here. Select Connection Time Out and use the numeric keypad to enter the number of seconds after which you will automatically be logged off and the connection will be terminated. To add or modify a profile, press • and input or set parameters or values for the following:

- **Provider Title**: give the profile a name that you could easily recognize in the future.
- **Homepage**: input the homepage URL.
- **Protocol**: set to use HTTP or WTP protocol.
- **Preferred Connection**: select GSM, GPRS, or GSM if no GPRS (default).
- **Proxy**: set a proxy by defining User, Login, Password, Proxy Address, and port Number.
- **GSM Parameters**: set GSM parameters such as Login, Password, Dial-up Number, and Mode.
- **GPRS Parameters**: set GPRS parameters such as Login, Password, and APN.
- **Save**: save the settings.

> - ***Tip****: An active WAP connection via GPRS will not be severed if there is an incoming call, you can still answer the call.*

Multimedia

Function*: organize your image and audio files in your phone's memory locations.*

Path*: Menu → Multimedia → Select*

This menu provides an easy access to the images and audios stored in your phone and your phone's USB mass storage media. Entering the page you will find My Images and My Ringtones options available. The memory location is indicated on the top line of the display (your phone memory tagged as Mobile is default). Scroll to an option and press • for the options:

- **Mass Storage**: go to the USB mass storage media or phone memory.
- **Select**: display the list of items stored in the current memory.

- **Memory**: view the memory consumption status.

Either access the files in My Images or My Ringtones on the current memory using select (or you can press the OK key) or access them in the USB mass storage, scroll to the root (normally at the first line and represented by "..."). Press • to make the following options available:

- **New Photo**: available for My Images, open the Camera to take a new photo.
- **New Sound**: available for My Ringtones, go to the recorder to record a new sound.
- **Copy all**: copy all files to the other memory location.
- **Delete all**: delete all files of the type in the current memory.
- **Memory**: view the memory consumption status.
- **Mass Storage**: go to the USB mass storage media or phone memory.

My Images

- **View**: display the image in full screen.
- **Send by MMS**: send the image via MMS.
- **Add to contact**: attach the file to a contact and use in incoming alerts.
- **Wallpaper**: set the image as phone's wallpaper.
- **Rename**: change or modify the file name.
- **Delete**: erase the file.
- **Editor:** available when the current memory is the phone memory, edit the photo.
- **New photo:** available when the current memory is the phone memory, opens the Camera to take a new photo.
- **Details**: display file details such as name, size, and date.
- **Copy to folder**: copy the file to a desired or designated location.
- **Copy all**: available when the current memory is the phone memory, copy all files to the other memory location.
- **Move to folder**: transfer the file to a desired or designated location.
- **Delete all**: available when the current memory is the phone memory, delete all files of the type in the current memory.
- **Memory**: view the memory consumption status.
- **Mass Storage**: go to the USB mass storage media or phone memory.

My Ringtones

- **Listen**: play the sound.
- **Send by MMS**: send the tone via MMS.
- **Add to contact**: attach the file to a contact and use in incoming alerts.
- **Use As**: set the image as ringtone for Call, Message, Alarm, CBS, or Fax.
- **Rename**: change or modify the file name.
- **Delete**: erase the file.
- **New Sound**: available when the current memory is the phone memory, go to the recorder to record a new sound.
- **Details**: display file details such as name, size, and date.
- **Copy to folder**: copy the file to a desired or designated location.
- **Copy all**: available when the current memory is the phone memory, copy all files

to the other memory location.

- **Move to folder**: transfer the file to a desired or designated location.
- **Delete all**: available when the current memory is the phone memory, delete all files of the type in the current memory.
- **Memory**: view the memory consumption status.
- **Mass Storage**: go to the USB mass storage media or phone memory.

Media Player

***Function**: Plays audio files like a MP3 player.*

***Path**: Menu → Media Player → Select*

Your phone supports audio files in formats such as .mp3 and .wav. The audio files can be played here using the music player. Select Media Player and press  or , or press and hold  to open the Music Player. A list of songs in your current playlist will be displayed, use  to play or pause. Press  for the options:

- **Library**: press  or  for available storage media locations and playlist. Scroll to a memory location and hit  to display recognized audio file contents in the location and press  again to add the highlighted song to the playlist, press  to display options:
  - ***Player***: return to Music Player.
  - ***View Content:*** display recognized audio file contents in the memory location. Press  again to add the highlighted song to the playlist. Press  for the following options:
    - *Player*: return to Music Player.
    - *Add Song to player*: add the current song to the list on the Music Player.
    - *Player: Add All*: add all songs to the list on the Music Player.
    - *Play song*: play the current song.
    - *Play all songs*: play all songs in the memory location.
    - *Create playlist*: create a new playlist.
    - *Rename*: modify the file name.
    - *Delete*: erase the audio file.
    - *Details*: view details of the file such as the Title, Format, Size, and Date.
  - ***Play Content:*** play all songs in the memory location.
  - ***Create Playlist:*** create a new playlist.

  Scroll to a playlist and hit  to play audio files in the playlist. Press  for the following options:

Player: return to Music Player.
Play Playlist: play the songs in the playlist.
Edit Playlist: edit the contents (list of audio files) of the playlist.
Add Song to Playlist: add the songs to the current playlist.
Create playlist: create a new playlist.
Rename playlist: modify the playlist name.
Delete playlist: erase the playlist.

- **Play**: play the current list.
- **Remove from List**: remove the current audio from playlist.
- **Clear List**: remove all files from the current playlist.
- **Random**: Activate or Deactivate random playing from playlist.
- **Play options**: select to play One by One or Continuous play. Selecting an option here deactivates Random play.
- **Add to Playlist**: add the current file to another playlist.
- **Rename**: modify the current file name.
- **Priority to**: set priority to music or message alert. Please refer to Player Settings in the Settings section for more details.
- **Details**: view current file's details such as Title, Format, Size, and Date.

When the music player is playing, use the up or down navigator to move to preceding or succeeding song, use  to adjust volume.

STK*

Enter network service menu, and the first menu is STK sub-menu. 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 operator does not support this service.

For more information, please contact the network operator.

STK（SIM TOOL KIT）allows the SIM card based on smart card to operate its own application software.

STK offers an exploitable environment for the SIM card's extra services, i.e., a simple and easy developing platform. The content of option menu is read from the SIM card, and cannot be revised by the subscriber. According to STK types, the content of option menu is not fixed, and can be altered by air interfaces.

The phone supports extra services offered by STK. Different operators offer different types of business.

Note: Different operators offer different types of business.

Only when your SIM card supports, can the function table be displayed. The name and content of function table depends on available services. For availability, price and information about the SIM card, please consult your network operator, service provider or other dealer.

Extras

Your phone comes with a collection of useful daily tools such as Calculator, Recorder, ToDo, Timers, World Times, Currency Converter, Car Kit and Java™

applications that may be accessed here.

Calculator

***Function**: use as a simple calculator for mathematical operations.*

***Path**: Menu → Extras → Calculator → OK*

Use the numeric keypad to input the values, and use the following keys for operations:

Up / Down / Right / Left Navigator Keys: +, -, X, / operations respectively

or **:** to add a decimal point.

: back space or remove an erroneous entry.

: get the result after entering the second value.

: go to Currency Converter anytime before entering the second value.

> ✪ ***Tip**: You can perform continuous operations with the result of the first operation used as the first value of the next operation.*

Recorder

***Function**: record sounds or audio.*

***Path**: Menu → Extras → Recorder → OK*

Your phone can record voice messages （up to 30 seconds）, press to start recording, press again to stop, and press after stopping to input a name for the recording, then press OK to save the file to My Ringtones in Multimedia.

ToDo

***Function**: set a reminder.*

***Path**: Menu → Extras → ToDo → OK*

Be on track for your tasks with the ToDo menu. You can save a task and have the phone remind you. If you are using this feature for the first time, use the Add To Do to create and save your task. When you have tasks saved, scroll to a task you want and press to make available options (please see Add Written ToDo or Add Vocal ToDo below) or press OK for the details.

- **Modify ToDo**: go to the edit page (same as that of Add ToDo) to make changes to the task.
- **Delete**: delete the selected task.
- **Send by MMS**: send the task to other party using MMS.
- **Export**: copy the event to the USB mass storage.
- **Add Written ToDo**: add a written task, use OK to enter a field and to confirm after inputting each field:

  Description: make a description of the task for easy reference.

  Title: create a title for the task.

Category: set the task type as None; Shopping List; Business; Private; Call; Idea; Gift.

Due Date/Time: Activate or deactivate alarm and set alarm date like you would set the date and time (please refer to Settings → Date & Time).

Alarm: choose when to alert you as None; At Due Time; 5 Min. Before; 15 Min. Before, 1/2 Hr. Before; 1 Hr. Before; 6 Hrs. Before, 1 Day Before.

Save: store the task settings, you may also save the task by pressing .

- **Add Vocal ToDo**: add a voice task, options are similar to adding a written ToDo except that it starts by using the recorder to make a voice recorded description of the task for easy reference.
- **Categories**: press options to set a ring tone for a task type alert, or press OK on a particular task type to see the number of tasks under that category.
- **Delete all**: clear all tasks.
- **Memory**: see the memory consumption for each shared memory type.
- **Help**: display tips and instructions for using the feature.

Timer

Function*: use as a countdown timer.*

Path*: Menu → Extras → Timer → OK*

To use as a timer, activate and set the countdown time like you would set the alarm time. When the countdown timer alert is off, press any key to stop the alarm.

World Times

Function*: see current time in major cities of the world.*

Path*: Menu → Extras → World Times → OK*

Use navigator to navigate and browse current date and time of major cities in the world using this feature. The city's location will also be shown on the world map displayed. When at a city, press to see detailed time information.

FOREX Tool

Function*: perform quick currency conversion operations.*

Path*: Menu → Extras → FOREX Tool → OK*

Your phone may be used as a currency converter calculator for your convenience. You must first set the currencies and the exchange rate to be able to do quick currency conversion computations. Upon entering the Converter interface, press to make the following options available:

- **Rapid Exchange**: Activate the function to enter the amount using the numeric key pad and push up OK to make instant currency 2 to currency 1 conversion or push down OK to do instant currency 1 to currency 2 conversions at standby.

- **Exchange Rate**: Input the exchange rate here using the numeric keys, use  for decimal point, use  to delete an erroneous entry, press  or  to confirm.
- **Currency**: input the initials of the currencies here.
- **GoTo Calculator**: go to the calculator function.

To do currency conversions, operate as you would with the Rapid Exchange at the Converter interface.

Car Kit

Function*: configure the Car Kit accessory.*

Path*: Menu → Extras → Car Kit → OK*

Select Auto Answer and Activate it to have your phone automatically connect an incoming call after 5 seconds when the car kit is plugged in. Use Kit Volume to adjust volume for the headset. And use Switch OFF to turn the car kit OFF.

Application

Function*: organize and launch downloaded applications.*

Path*: Menu → Extras → Applications → Select*

Your downloaded Java™ applications are stored and may be accessed here.

Calendar

Your phone has an organizer to plan your schedules and alert you when necessary.

See Month

Function*: organize and view monthly calendar.*

Path*: Menu → Extras → Calendar → Select → See Month → Select*

Access this menu to see your schedules for the month. Push left or right navigator to move between months. The dates where you have schedules will be highlighted. Push up or down navigator to the week you wanted and press  or  to view the week. Push up or down navigator to scroll in the hour page. Push left or push right to move to the desired day, then press  to see the details of the scheduled event. Or you may press  for the options similar to those on the To Do function (see Applications → To Do) such as Add Written Event; Add Vocal Event; Modify Event; Delete; Send By MMS; Export.

When adding an event, options here not available in the ToDo are:

- **Start Time**: the time when the event is scheduled to start.
- **End Time**: the time the event is expected to finish.
- **Frequency**: how often the event will recur in the future: Never, Daily, Working Days, Week Ends, Weekly, Every 2 Weeks, Monthly, or Every Year..

See Week

Function*: organize and view weekly calendar.*

Path*: Menu → Extras → Applications → Select → See Week → Select*

Operates like the monthly calendar, but brings you directly to the week page.

See Today

Function*: organize and view current date's calendar.*

Path*: Menu → Extras → Applications → Select → See Week → Select*

Operates like the monthly calendar, but brings you directly to today's schedules.

See Date

Function*: organize and view a specific date's calendar.*

Path*: Menu → Extras → Applications → Select → See Week → Select*

Operates like the monthly calendar, but lets you input a specific date to view.

Calendar Menu

Function*: organize and add events and schedules to the calendar.*

Path*: Menu → Extras → Applications → Select → Calendar Menu → Select*

Accessing this function makes options such as Add Written Event, Add Vocal Event, Delete, Memory, and Delete All available. It allows you to add a schedule to your calendar. The operations are similar to those of the ToDo function except that here you are allowed to set a starting time, an ending time and the frequency for an event.

Input Methods

Your phone provides a number of input methods that you may use in many instances such as writing a message, creating a contact record, etc.. The current input method is indicated at the upper right corner of the display.

To shift between and select among input methods at the edit page, press  (or press Options and select the desired input method). There are three input methods to choose from: Numeric (123); Alphabetic (ABC); or Predictive (T9). The T9 method has some of the following options: English. Not all languages and input method options are available for all handsets, it is available depending on intended market.

Press and hold  to shift between upper case or lower case letters.

In the English inputs (and for similar languages)or Alphabetic input, press  to insert a space; in all input methods, press the "1" key to display a symbols chart, use the navigator to move the cursor to a desired symbol and hit  or SELECT to insert the symbol. You may also push up or down navigator to a row and press the numeric key corresponding to the position of the desired symbol to insert the symbol. Another way to insert a symbol is to access Options → Insert → Symbols → OK to access the symbols chart.

The key is used to backspace or erase the previous input.

Input methods for other languages are similar to English and Predictive English input methods.

123 Input Method

Press the corresponding numeric keys to input corresponding numeric values.

ABC Input Method

Press the corresponding numeric keys indicated with desired letter repeatedly to move among the choices as shown on the display as each press is made until it arrives at your desired letter. The keys with their corresponding available character values are shown in the table below:

KEYS	AVAILABLE CHARACTERS	KEYS	AVAILABLE CHARACTERS
1	SYMBOLS	6	M N O 6
2	A B C 2	7	P Q R S 7
3	D E F 3	8	T U V 8
4	G H I 4	9	W X Y Z 9
5	J K L 5	0	SPACE 0

T9 English

Press the corresponding keys to the first parts or the entire word, each time a key is pressed, a word will be displayed, keep entering letters until the word appears, or push up or down navigator to scroll to alternative word options, press to select and continue to the next word.

For example, if you are inputting the word “above”, press the “2” key twice, then the “6” key, then the “8” and then “3” keys, the word “above” will appear, otherwise use the navigator to move the cursor to “above” and press to select.

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 are available from our company or through your dealer.

Quick Charger: Light weight, practical quick chargers used to connect with the USB data cable for charging on wall outlets. Charging time is about 2 to 4 hours. The charging condition is displayed on screen. You may use your phone while charging.

Desktop Charger: use to charge heavy or extra batteries.

Desktop Charger: use to charge heavy or extra batteries.

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.

USB Data Cable: use the USB data Cable to connect to other devices such as personal computers, to charge the phone, or use the phone as a removable USB mass storage media. Please refer to the USB Mode section for more details.

Technical Specifications

Handset Weight: About 82g
Dimensions: 106 x 44 x 15.2 mm
Battery: Li-ion Battery, 3.9V
Band: GSM 850MHZ /GSM 900MHz /DCS 1800MHz / PCS 1900MHz

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

Battery Type	Battery Capacity	Talk Time	Standby Time
Li-ion	700 mAh	3-4hrs.	100 hrs. – 150 hrs.

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

W**arning**: 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.

A**nnouncement**: 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.

Troubleshooting

When you encounter troubles with your phone, perform following simple checks before contacting after-sales service, this will save you precious time and effort.

I cannot switch the phone on.

Make sure the phone battery is charged. Remove and check if the battery contacts are clean, you can wipe off dust from battery contacts using a soft dry cloth, and then reattach the battery. Attach the charger and charge the phone for about 15 minutes. Check if the battery icon is scrolling, if not, remove and reattach the charger again. If despite several attempts you still cannot charge the battery or switch your phone on, contact your nearest authorized service center. The battery icon will stop scrolling when the battery is fully charged.

My phone switches off automatically.

You may have accidentally pushed the power on/off key. Try to lock the keypad if the phone is to be placed in a holster, pocket, or bag.

Otherwise, the problem may lie with your phone, battery, or charger. Before going to your authorized service center, check the following:

- Make sure you are using approved battery and charger.
- Fully charge the battery according to the instruction in this user manual.
- Remove and reinstall the battery.

- If you have access to another approved battery or charger of the type and ratings as yours, try substituting them to find out if the issue is with your phone, battery, or charger.

I cannot insert the charger connector or other accessories to their ports.

Do not force them into the accessories and charging ports, check if you are using the right charger or accessory, if you are trying to attach it to the right port, and if you are attaching it in the right position.

I cannot see the battery status or the phone do not recognize the battery.

You are probably using unrecognized battery, always use original or manufacturer approved batteries. Or your battery may be damaged, replace with a new one.

My battery is low.

Charge your battery as soon as possible, this will avoid missing or dropping important calls. Prolong use of the battery in a low charge state will also shorten battery life.

The standby and talk time is shorter now.

Mobile phones consume more power in poor signal situations even on standby, try to move to a better location. Do not place your hand over or cover the antenna area during a call, it will affect reception and require more power from your phone to maintain good connection. If you are using a new battery, make sure it is a manufacturer approved battery, it may take several charge and discharge cycles before the battery will attain its optimal performance level. If you are using an old battery, it is probably about time to replace the battery. Battery performance is affected by ambient temperature; minimize using your phone in extreme temperature. Check if you are over extending the LCD and keypad backlight time because of your settings or because of frequent accidental key presses.

My phone cannot detect the SIM card or says the SIM is damaged.

Remove the battery and SIM card, check if metal contacts of your SIM and your phone are clean, wipe dirty contacts with a soft dry cloth or with an eraser. At the same time, check if the SIM is damaged or worn in anyway, if so contact your operator for replacement. Otherwise replace the SIM card and battery. If problem persist, contact your authorized service center.

I entered an incorrect PIN.

Be careful! You have only three tries to enter the correct PIN, if you forgot your PIN, ask your operator for assistance.

My PIN is blocked.

Either you or somebody else had entered incorrect PIN three times, you have to (1) input the PUK, (2) input your PIN, (3) input you PIN again to confirm. After 5 to 10 attempts (depending on SIM card) to enter the right PUK your SIM will be permanently blocked. You will need to acquire a new SIM from your operator.

I cannot use a new SIM card with the phone.

Your phone may be locked to a network or a particular type of SIM card by or at the request of your network operator. Or your new SIM access a different network that is using a different frequency. Check with your network operator for more details.

I cannot make a call.

Check the following:

- You are in your network's coverage area.
- The number you had dialed is correct.
- You have pressed the Call/Dial key.
- You have sufficient credit.
- Your SIM card offers the requested service and it is still valid.
- You have deactivated outgoing call restrictions.
- The network may be saturated, try again later.
- If problem persists, contact your authorized service center.

I cannot be reached.

Check the following:

- Your phone is switched on.
- You are in your network's coverage area.
- Make an outgoing call and see if your phone and the network are working properly.
- Call forwarding (call diverts) is deactivated.
- Incoming call restriction is deactivated.
- If problem persists, contact your authorized service center.

I cannot hear the other party.

Your earpiece volume may be set too low, try adjusting the volume.

The other party is not able to hear what I am saying.

Your phone may be muted, un-mute it. Or something maybe blocking the microphone, check and remove any obstruction.

My calls breaks-up, dropped, or have poor call quality.

Avoid placing your finger over your phone's antenna area. Poor call quality may also result from poor signal strength or network coverage gaps at either end of the call connection. Try moving to another location or seek your network operator's assistance regarding network coverage.

My phone won't ring.

Check the following:

- You are in a network coverage area and your phone on.
- Your phone is not set to silent or vibrate only mode.
- Your ring volume is not set too low.
- Your headset is not plugged-in. If the headset is plugged-in, your phone will ring through the headphone.

I cannot use certain call functions.

Some advanced call functions are network dependent or requires subscription. Check with your operator for its availability and your subscription status.

I cannot send or receive SMS.

Check that you are in network coverage area and your message service center number is set correctly in the message settings. Contact your operator for more details. Check if your message mailbox is not full too. The message icon will be flashing if the mailbox is full, you have to delete some messages to free up memory space.

I cannot send or receive MMS.

Check that you are in network coverage area with sufficient signal strength and your MMS settings in the MMS message settings are correct. Check if your MMS exceeds the supported size or your phone has enough memory to retrieve the MMS too. Contact your operator for more details.

I cannot use voice mail function.

Check that your SIM card offers voice mail service, your phone and network operates properly, calls are programmed to be forwarded to the voice mail box, and your voice mail box is configured properly.

I want to remove message, voice mail, or service message icons displayed or flashing on the status bar.

These icons are displayed when there are unread messages or un-retrieved voice mails. Open the message or retrieve the voice mail to hide these icons.

My phone does not display some texts (names, messages, web pages, etc.) correctly.

These texts may be in a language that your phone does not support. Language support for the handset varies with the market where it is originally intended. The languages supported by your phone are shown in the ‘Language’ menu under ‘Settings’. Contact the manufacturer customer service or inquire with your dealer for details on availability of language support.

I have problem accessing the web.

Make sure that your SIM support the feature, and that you are in an area with strong signal. Switch off then on again your phone, clear the cache. Check your WAP or internet setting, your network operator is always the best source of information on these settings.

The phone does not respond to my key press.

Wait for a while, maybe your phone is still busy processing your last input or command. If it still does not respond, try to power off then power on the phone again using the ON/OFF key. If the power key does not respond, try to remove and reinstall the battery. It is advisable to have your handset checked by an authorized service center or accredited technician.

The pictures taken using the camera on my phone are so smudgy or blurry.

Keep your hand steady when taking a photo. Check if the camera window is clean. Try other image and camera settings. Try taking the photo using another angle, lighting condition may be affecting the picture quality.

My phone cannot display some images or play some music or video.

The file type may not be supported by your phone. For the audio and video files, the file type may be supported but the bit rate may be not supported. Try converting these files to other format or bit rate.

My phone was dropped or gotten wet.

Do not power on the phone immediately especially if it is wet, the best recommendation is to remove the battery and have your handset checked by an

authorized service center or accredited technician.

How can I lock or unlock the keypad?

Press and hold the “#” key in standby mode.

How do I free up memory?

Access the mailbox, list or folder, delete some old and unimportant records, or move them to the memory card or your personal computer.

What if the above recommendations did not help?

Take note of the model, serial number, IMEI of your phone, your warranty details, and a clear description of your trouble. Contact your nearest after-sales or customer service center.