

Safety Information and Notices

Preface

- Thank you for purchasing this Cell phone.
- To properly operate your new cell phone, carefully read this user's manual first.
- To prevent any possible accident or malfunction which may be caused by improper operations, please detailed review the following "Safety Information and Notices".
- Safety warnings are needed to avoid bodily injury or property damage.
- Screen displays and illustrations in this user's manual are designed to help you to operate all the steps directly and precisely.

Using the Cell Phone and Charger

Danger:

- Only the specified battery charger is permitted. Using other brands may cause battery leakage, overheating, explosion or even fire.

Caution:

- Avoid exposure to moisture, heat or dust to prevent breakdown.
- The phone, battery, charger and AC adapter are not waterproof. Keep them away from rain and other liquids.

Warning:

- Don't strongly bump, shake or tamper with the phone or charger to avoid battery leakage, overheating, explosion or even fire.
- Don't place the battery, phone or charger near the microwave or high-voltage devices to prevent battery leakage, overheating, explosion or even fire; also keep the phone and AC adapter away from overheating, smoking or short circuiting.
- Don't use the phone where there is volatile oil to avoid possibilities of fire, breakdown or damage.
- To avoid any damage or breakdown don't disassemble the phone, battery, charger or internal components by yourself.

Using the Cell Phone

Warning:

- Don't use the phone while you are driving. To avoid any traffic accident and away from danger, park your car in a safe place before using it.
- Usage of cell phones in aircraft or in hospitals is prohibited. Switch the phone off to prevent interference with electronic medical devices. Follow any rules or regulations in such places.
- Don't use the phone at a gas station, near fuel or chemicals.
- Don't use the phone near electronic medical devices such as hearing aids, pacemakers and auto-control devices such as fire detectors and automatic doors.
- Before using cell phones near electronic medical devices such as pacemakers, please contact first with your manufacturer or dealer for advice on preventing any interference.

Caution:

- Under certain circumstances, using cell phones in an automobile may cause electronic device's interference. To prevent any danger it is recommended not to use phones.
- Avoid using your phone in crowded places.
- Don't put a magnetic card and your phone together. Data on the floppy disk or card might be erased.
- Keep your phone far from pins. Pins can be absorbed by phone's receiver magnet, which may cause harm.

Using the Battery

Danger:

- Don't expose the battery near fire. Doing so may cause battery explosion or even fire.
- If you have difficulties installing the battery, please don't force the installation to prevent battery leakage, overheating, explosion or even fire.
- Don't connect the polarities of the battery with metals such as pins or wire to avoid short circuit. Don't place or carry the phone with metal objects to avoid battery leakage, overheating, explosion or even fire.
- Don't weld the polarities of the battery directly to prevent battery leakage, overheating, explosion or even fire.
- Battery liquid is severely harmful for one's eyes. Don't rub your eyes. Rather wash your eyes with water first and go directly to a doctor for help.
- Don't use or locate your phone near areas of high temperature to prevent battery leakage, overheating, explosion or even fire.

Warning:

- Take the battery out and do not use the battery any more when abnormal charging or storing situation occurs, such as overheating, changes of color, shape, etc.
- If the battery leaks liquid on your skin or clothes use water to wash affected parts of your body immediately.
- If the battery leaks liquid or produces a weird odor, dispose of it away from the fire to avoid possible explosion or fire.

Caution:

- Don't expose the battery to high temperature, because the battery may leak, overheat, degrade or shorten its usage life.

Using the Charger

Danger:

- Usage of improper voltage will cause fire and breakdown.
- If the charger short circuits or breaks down, smoke or even fire may appear.
- If the power cable is already damaged (worn or broken), immediately stop using the charger to prevent fire.
- Clean dust away from the power socket to avoid any fire possibilities.
- Don't place containers filled with liquid like water near the charger. Liquid spilled into the charger will cause overheating or other breakdowns.
- If liquid like water is spilled into the charger, immediately pull the power cable out of the outlet to prevent overheating, fire or other breakdowns.
- Don't use the charger in places with high humidity, like a bathroom, to avoid causing fire or breakdown.
- Don't touch the charger, power cable or socket with wet hands to prevent electric shock.

Caution:

- Keep the environment temperatures within the range of 0°C -40°C while charging. Temperature below 0°C or higher than 40°C will cause charging inefficient or terminated or even cause the battery explosion
- Pull the plug from the socket before maintaining and cleaning to avoid electric shock.
- Don't place heavy objects on the power cord to prevent electric shock or fire.
- Hold the plug while pulling on the power cord; this can avoid any potential damage or even fire.

Requirements for Cell Phone

- Avoid using your mobile phone in extremely high or low temperature Places. It is recommended to use the phone in a temperature range from 5°C~35°C and humidity of 35%~85%.
- It is recommended that you don't use your mobile phone near a telephone, TV set, radio or other radio frequency sensitive devices.

Requirements for the Battery

- Battery should be located in a cool, well-ventilated place with sunshine. If you won't use the cell phone for an extended period of time, charge the battery instead to avoid battery breakdown.
- Battery wears out fast. The battery has permanent usage time and frequent charging will shorten the battery life. If charging does not improve your battery performance, it means the battery should be replaced. Don't dispose of the battery together with other rubbish. Follow the rules of local administration regarding to the disposal of the old battery.

Requirements for the Charger and AC Adapter

- Don't charge your phone under the following circumstances: Sunshine, equal to or lower than 0°C, equal to or higher than 40°C, high humidity, dust, vibration (will cause breakdown) or near a TV, a radio, etc. (video and audio frequency signal will cause noise).

Cleaning and Maintenance

- The mobile phone, the battery and the charger are not waterproof. Don't use them in places with high humidity, like a bathroom, and also avoid the battery and the charger being drenched by water.
- Use a soft cloth to clean the mobile phone, the battery and the charger.
- Don't use alcohol, diluted liquid or benzene to wipe the mobile phone.
- Dust in the socket will cause connection damage, short-circuit or even the ability for the battery to be re-charged. Be sure to clean the socket regularly.

Contents

Preface	1
1 Introduction	6
1.1 Phone display	6
1.2 Function key	6
1.3 Status icon	7
1.4 First time use	7
1.4.1 Battery	7
1.4.1.1 Install or remove the battery	7
1.4.1.2 Charge battery	8
1.4.2 SIM card	8
1.4.3 Switch on or off	9
2 Editors	9
2.1 Summary	9
2.1 Keypad	9
2.3 Editors	10
2.3.1 T9 English	10
2.3.2 T9 Español	11
2.3.2 Abc	13
2.3.3 123	14
3 Call	15
3.1 Home call	15
3.1.1 Dial ext. number	15
3.2 International call	16
3.3 Dial the number from call list	16
3.4 Answer call	16
3.5 End call	16
3.6 Call menu	17
4 Function menus	17
4.1 Usage of function menu	17
4.1.1 Function menu icon	17
4.1.2 Roll, search and select function	18
4.1.3 Exist menu	18
4.2 Menu tree	18
4.1 Messages	20
4.2 Settings	22
4.3 Games & applications	23
4.4 Call info	25
4.5 Operator serv.	26
4.6 Contacts	26
5 Precautions	28
6 Troubleshooting	29

1 Introduction

1.1 Phone display

















1.2 Function key

Function	Key	Status
Power on	Long press Hang-Up key	Switched off
Power off	Long press Hang-Up key	Switched on
Enter Main menu	Press LSK	Idle

View Contacts	Press Navigation key Down	Idle
Change Ringer volume	Press Navigation key Up	Idle
Send SMS	Press Navigation Key Right	Idle
Input phone number	Press numeric key	Idle
End call	Press Hang-Up key	In call
Answer call	Short press Dial key	Incoming call
Voicemail box	Press and hold 1 key	Idle
Activate handsfree	Press and hold Pick up key	In call

1.3 Status icon

Icon	Description
	Indicates the strength of network signal
	Receive new SMS
	Receive new voicemail
	SMS is full
	Memory is full
	Alarm clock is activated
	Keypad is locked
	Your mobile phone registers in local network (this function needs network support)
	Your mobile phone registers in non-local network
	Vibrator is activated
	Ringer volume is set to silence
	Indicates battery volume
	Incoming call is set to forward to a number unconditionally.
	Incoming call is set to forward unconditionally to a voicemail number.

1.4 First time use

1.4.1 Battery

Your battery has been charged to about 30 percent capacity when you purchase your phone. For optimal battery usage, completely charge your battery before using your phone.

1.4.1.1 Install or remove the battery

To remove the battery:

- Remove the back cover.
- Remove the battery by lifting it out at the two concave sides.

Warning: You must switch the phone off before removing the battery; otherwise the SIM card and your mobile phone might be damaged.

To install the battery:

- Battery terminal should face the battery connector in the plastic cabinet.
- Press the top part of battery down until the battery is completely in the battery compartment.

1.4.1.2 Charge battery

- ◆ Plug USB charger into electricity power.
- ◆ Plug USB charger into the USB interface of mobile phone.
- ◆ At that time, the battery icon will roll repeatedly; if your mobile phone is switched off, charging animation is shown, which is used to indicate your mobile phone is being charged. If your mobile phone is still over being used when the battery is low, the charging animation will appear after some time when you start charging.
- ◆ When the battery icon appears full and stops rolling, it indicates your mobile phone has finished charging. If your mobile phone is charged when switched off, a still icon with full grids is shown, which indicates it has finished charging. The whole process of charging normally takes about 3 hours. During charging, it's normal that your mobile phone and charger will become hot.
- ◆ Disconnect A.C. electricity power to charger when charging is complete.

Note:

- ◆ Store your mobile phone in ventilated area where temperatures are between 0°C and +40°C and only use the charger provided by manufacturer. Using a different charger may cause danger and violate the manufacturer's warranty.
- ◆ When your mobile phone switches off automatically or “Low battery” appears, you should immediately charge your battery. If the battery capacity is not used up before charging, your mobile phone charging time will automatically decrease.
- ◆ The idle time and calling time provided by manufacturer are based on the ideal work environment. In actual usage, the working time of battery will depend on network status, work environment and how it is used.

1.4.2 SIM card

You must insert a usable SIM card (Subscriber Identification Module) before using the phone. Service operator provides SIM card.

All information that is related with connecting to your network is saved in the SIM card and the names, numbers of SIM contacts and SMS are also saved in the SIM card. The SIM card can be taken off from your mobile phone and inserted to any other mobile phone to use (new mobile

phone will read SIM card automatically).

In order to prevent losing or damaging the information in SIM card, you should avoid touching the metal side and keep your SIM card away from electrical or magnetic areas. You cannot use your mobile phone normally if your SIM card is damaged.

Warning: You must switch off the phone before removing the SIM card. Do not insert or take out your SIM card when your mobile phone is connected with external electricity power. Otherwise, SIM card and your mobile phone might be damaged.

1.4.2.1 Insert or take out SIM card

The metal side of SIM card can be easily damaged. Please remove it carefully.

- ◆ Switch off, remove back cover, battery and other external electricity power.
- ◆ Insert the SIM card into the card slot and make sure its metal point aims to the metal point on the SIM card slot.

1.4.3 Switch on or off

To turn the phone on or off, press and hold the Hang-Up Key.

If you turn on the phone without inserting the SIM card, “Insert SIM card” appears on the display and you cannot enter main menu. After inserting the SIM card, your mobile phone will automatically verify the SIM card.

The following prompts may appear:

- **Enter PIN code:** If PIN protection is activated.
- **Confirm time and date:** Confirm or change time and date of your mobile phone.


2 Editors

2.1 Summary

This cell phone provides more than one kind of text editor to use with other functions, including T9 English, Abc and 123.

2.1 Keypad

Common keypad definitions are as follows. Refer to 2.3 Editors for additional information.

1 	2 A B C	3 D E F
4	5	6

G H I	J K L	M N O
7	8	9
P Q R S	T U V	W X Y Z
*+	0.	#

*** key:** Press to switch between editors.

LSK: Usually press to confirm or open options from which user can select save, send, add sound or add graphic.

RSK: Usually press to delete in text editor. In idle mode, press to access Messaging menu. Within a menu, press to return to the previous screen.

if not, it used to go back.

#key: Press to hide or display symbol table.

Navigation key (Up, Down, Left and Down) : Press to move cursor or select candidate.

Numeric key (2–9): Press to select the numbers or letters that appear on the keys in T9 English and Abc modes.

Numeric key 1: Press to select and confirm.

2.3 Editors

2.3.1 T9 English

Keypad definitions of T9 English are as below:

Key	Short press(SP)	Long press(LP)
0	Switch between capital and lowercase	0
1	Blank space l . , @ / : ; “ ‘ ! j ? i # + - = % < > () & € £ \$ ¥ _ A B C a b c Å Ä Å à ã ä æ Æ ç Ç	1
2	A B C a b c	2
3	D E F d e f	3
4	G H I g h i	4
5	J K L j k l	5
6	M N O m n o	6
7	P Q R S p q r s	7

8	T U V t u v	8
9	W X Y Z w x y z	9
*	Switch between editors	Same as SP
# Key	Show or not show symbols table	Same as SP
NK Up	Change word, letter or move cursor up	Same as SP
NK Down	Change word, letter or move cursor down	Same as SP
NK Left	Change word, letter or move cursor left	Same as SP
NK Right	Change word, letter or move cursor right	Same as SP
LSK	Confirm or open options	Same as SP
RSK	Delete or go back to last screen	Delete all or return to idle mode
Dial key	N.A	N.A
Hang-Up key	Return to idle mode	Same as SP

Normal operation order of T9 English is as below:

- ◆ Press any numeric key to input corresponding letter and your mobile phone will automatically suggest a word based on the letters you entered.
- ◆ Press the Navigation key to change word or letter.
- ◆ Press LSK or 1 to input the selected word or letter.
- ◆ Press # key to show symbols table; press NK Up/Down/Left/Right to view all symbols; press the corresponding numbers to insert the symbol, press 1 repeatedly to select and input symbols.
- ◆ Press * key to switch editors repeatedly.
- ◆ Press the “0” key to switch between capital and lowercase.
- ◆ Press RSK to delete one letter or press and hold to delete all text.
- ◆ Press LSK “OK” to confirm input text and access options from which user can select save, send, add sound or add graphic.

2.3.2 T9 Español

Keypad definitions of T9 Español are as below:

Key	Short press(SP)	Long press(LP)
-----	-----------------	----------------

0	Switch to capital or lowercase	0
1	Blank space l . , @ / : ; “ ‘ ! j ? ¿ # + - * = % < > () & € £ \$ ¥ _ A B C a b c 2 À Ã Ä å ã ä æ Æ ç Ç	1
2	A B C a b c Á á	2
3	D E F d e f É é	3
4	G H I g h i Í í	4
5	J K L j k l	5
6	M N O m n o Ñ ñ Ó ó	6
7	P Q R S p q r s	7
8	T U V t u v Ú ú Ü ü	8
9	W X Y Z w x y z	9
*	Switch editors	Same as SP
# Key	Show or not show symbols table	Same as SP
NK Up	Change word, letter or move cursor up	Same as SP
NK Down	Change word, letter or move cursor down	Same as SP
NK Left	Change word, letter or move cursor left	Same as SP
NK Right	Change word, letter or move cursor right	Same as SP
LSK	Confirm or open options	Same as SP
RSK	Delete or go back to last screen	Delete all or return to idle mode
Dial key	N.A	N.A
Hang-Up key	Return to idle mode	Same as SP

Normal operation order of T9 Español is as below:

- ◆ Press any numeric key to input the corresponding letter and your mobile phone will

automatically suggest a word based on the letters you entered.

- ◆ Press the Navigation key to change word or letter.
- ◆ Press LSK or 1 to input the selected word or letter.
- ◆ Press # key to show symbols table; press NK Up/Down/Left/Right to view all symbols; press corresponding numbers to insert the symbol, press 1 repeatedly to select and input symbols.
- ◆ Press * key to switch editors repeatedly.
- ◆ Press the “0” key to switch between capital and lowercase.
- ◆ Press RSK to delete one letter or press and hold to delete all text.
- ◆ Press LSK “OK” to confirm input text and access options from which user can select save, send, add sound or add graphic.

2.3.2 Abc

Keypad definitions of abc are as below:

Key	Short press (SP)	Long press (LP)
0	Switch to capital or lowercase	0
1	Blank space 1 . , @ / : ; “ ‘ ! j ? ì # + - * = % < > () & € £ \$ ¥ _ A B C a b c 2 Ä Å Æ à ã ä å æ Æ ç Ç	1
2	A B C a b c 2 Ä Å Æ à ã ä å æ Æ ç Ç	2
3	D E F d e f 3 É È é è Δ Φ	3
4	G H I g h i 4 Γ ì	4
5	J K L j k 1 5 Λ	5
6	M N O m n o 6 Ñ Ò Õ ñ ò ö	6
7	P Q R S p q r s 7 ß Π Θ Σ	7
8	T U V t u v 8 Ü Û ü ù	8
9	W X Y Z w x y z 9 Ø Ω Ξ Ψ ø	9
*	Switch editors	Same as SP
#	Show or not show symbols table	Same as SP
NK Up	Move cursor up	Same as SP
NK Down	Move cursor down	Same as SP
NK Left	Move cursor left	Same as SP
NK Right	Move cursor right	Same as SP
LSK	Confirm or open options	Open options

RSK	Delete or go back to last screen	Delete all or return to idle mode
Dial key	N.A	N.A
Hang Up	Return to idle mode	Same as SP

Normal operation order of Abc:

- ◆ Press any numeric key to input the corresponding letter.
- ◆ Press the numeric key repeatedly to get different letter or related number.
- ◆ Press the Navigation key to move the cursor.
- ◆ Press # key to show symbols table; press NK Up/Down/Left/Right to view all symbols; press corresponding numbers to insert the symbol, press 1 repeatedly to select and input symbols.
- ◆ Press * key to switch editors repeatedly.
- ◆ Press the "0" key to switch between capital and lowercase.
- ◆ Press RSK to delete one letter or press and hold to delete all text.
- ◆ Press LSK "OK" to access options from which user can select save, send, add sound or add graphic.

2.3.3 123

Keypad definitions of 123 are as below:

Key	Short press (SP)	Long press (LP)
0	0	N.A.
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
*	Switch editors	Same as SP
#	Show or not show symbols table	Same as SP

NK Up	Move cursor up	Same as SP
NK Down	Move cursor down	Same as SP
NK Left	Move cursor left	Same as SP
NK Right	Move cursor right	Same as SP
LSK	Confirm or open options	Open options
RSK	Delete or go back to last screen	Delete all or go back to idle screen
Dial key	N.A	N.A
Hang-Up key	Return to idle mode	Same as SP

Normal operation order of 123 is as below:

- ◆ Press any numeric key from 0 to9 to input corresponding number.
- ◆ Press # key to show symbols table; press NK Up/Down/Left/Right to view all symbols; press corresponding numbers to insert symbols.
- ◆ Press * key to switch between editors repeatedly.
- ◆ Short press RSK to delete one number or press and hold to delete all text.
- ◆ Press LSK “OK” to view options from which user can select save, send, add sound or add graphic.

3 Call

When the operator name is shown on screen, you can make or answer a call. The signal in the left upper corner of screen indicates the strength of network (it indicates the most strong signal when 5 bars are shown).

3.1 Home call

Press numeric keys to input phone numbers, and then press the Dial key to start calling. If you need to change a number, press the RSK to delete. To end the call, press the Hang-Up key.

3.1.1 Dial ext. number

Numbers with extensions cannot be directly dialed. First you need to dial the number, then insert the pause symbol “W” between the exchange number and the extension number and your mobile phone will finish dialing, i.e. automatically dial the extension number. To insert a "W" pause, press and hold the "#" key.

- ✧ To dial a number with an extension:

District code + exchange number + W + ext. number + Dial key

Note: When the exchange number connects, but before the extension goes through, your mobile phone will display dialing screen. At that time, you can input other extension number to dial; otherwise, it will dial the original extension number.

3.2 International call

To dial an international number, press and hold * key until the prefix sign “+” appears on the display.

- ✧ To dial an international number:

Press the "*" Key, the country code, the complete number, then the Dial Key.

After entering prefix, you can enter the country code and complete number accordingly. The country code is based on common rules, e.g. Germany is 49, UK is 44, and Sweden is 46 and so on.

When dialing a common international number, do not include the "0" before the city code.

For example, in order to dial a number in Delhi from other country, you should dial:

+91 11 xxxxxxxx

3.3 Dial the number from call list

Every number you dialed or answered will be saved in your phone's call list. The last number you called or answered appears at the top of the list. Every number is classified based on outgoing calls, answered calls and missed calls. When the call list is full, the oldest entry will automatically be deleted. To view the call list:

- ◆ Press Dial key in idle to view all calls list
- ◆ To dial a number in the list, highlight it and press the Dial Key.
- ◆ When the call list appears, you can press the LSK “OK” to show call info, then press the LSK again to send a SMS, call, call hands free, store number, delete, and delete all.

3.4 Answer call

When you receive an incoming call, press the Dial key or LSK to select “Accept call”.

If Any key answer is activated, you can press any key (except Hang-Up key) to answer the incoming call.

3.5 End call

When there's an incoming call, press the Hang-Up key to reject the call.

Press the Hang-Up key to end the current call when you are on the call.

Pressing the Hang-Up key can cancel dialing the number.

3.6 Call menu

Press LSK to enter “Call option” **when in call**:



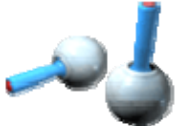

- ◆ **End call:** End current call
- ◆ **Name list:** View contacts
- ◆ **Mute:** Caller cannot hear your voice but you can hear them.
- ◆ **Activate h/free/No hands free:** Activate or deactivate the Call hands free option.
- ◆ **Messages:** You can enter the Archive, Inbox, Outbox or Create message.
- ◆ **Call list:** View call list
- ◆ **Notepad:** You can enter a number while on a call in order to save or do other operations after ending call.



4 Function menus

4.1 Usage of function menu

4.1.1 Function menu icon

You can access the following menu options after inserting a usable SIM card:

ICON	ICON NAME	DESCRIPTION
	Messages	Broadcast SMS and SMS are available in this menu. You can write or manage SMS and receive Broadcast SMS.
	Settings	According to your personal preference, you can set some settings in your mobile phone through this menu, such as sounds, display, time and date, Language, hot keys and securities networks etc.
	Games & appli.	This menu allows you to play games and access any applications such as the alarm clock and calculator.
	Call info	All call information is covered in this menu, including call list, call counter and call settings.

	Operator serv.	Operator provides SIM card related services (Please contact your operator for detailed information).
	Contacts	Your mobile phone provides you a contacts function, including creating and managing contacts.

4.1.2 Roll, search and select function

- ◆ In idle mode, press the LSK to enter main menu, press the Navigation key to roll and switch menus
- ◆ In submenu or option, press the Navigation key to roll to the desired function, then press the LSK to enter the function.

4.1.3 Exist menu

From the function menu, press the RSK to exit the menu or press the Hang-Up key to return to idle mode.

4.2 Menu tree

The default structure of function menu is as following:

- 1 Messages
 - 1-1 Broadcast SMS
 - 1-1-1 Topics
 - 1-1-2 Reception
 - 1-2 SMS
 - 1-2-1 Archive
 - 1-2-2 Send SMS
 - 1-2-2-1 Last message
 - 1-2-2-2 Create message
 - 1-2-2-3 Template
 - 1-2-3 Inbox
 - 1-2-4 Outbox
 - 1-2-5 Settings
 - 1-2-5-1 Autosave
 - 1-2-5-2 SMS center

- 1-2-5-3 Signature
- 1-2-5-4 Valid. period
- 1-2-5-5 Delivery rept.
- 2 Settings
 - 2-1 Network
 - 2-1-1 Preferred list
 - 2-1-2 Register again
 - 2-2 Sounds
 - 2-2-1 Ringer volume
 - 2-2-2 Ring tone
 - 2-2-3 Silence
 - 2-2-4 Message ringer
 - 2-2-5 Key tones
 - 2-2-6 Battery alert
 - 2-2-7 Minute alert
 - 2-2-8 Vibra alert
 - 2-3 Display
 - 2-3-1 Wallpaper
 - 2-3-2 Contrast
 - 2-3-3 Backlight
 - 2-2-4 Pictures
 - 2-4 Time and date
 - 2-4-1 Set date
 - 2-4-2 Set time
 - 2-4-3 Date format
 - 2-4-4 Time format
 - 2-5 Language
 - 2-5-1 <Automatic>
 - 2-5-2 English
 - 2-5-3 Español
 - 2-6 Hotkeys
 - 2-7 Security
 - 2-7-1 Auto keypad lock
 - 2-7-2 PIN protection
 - 2-7-3 Change codes
 - 2-7-4 Public names
 - 2-7-5 Call barring
- 3 Games & appli.
 - 3-1 Games
 - 3-1-1 Brick game
 - 3-1-2 Snake
 - 3-2 Alarm clock
 - 3-2-1 Alarm clock 1
 - 3-2-2 Alarm clock 2

- 3-2-3 Alarm clock 3
- 3-2-4 Snooze
- 3-3 Calculator
- 3-4 FM radio
- 3-5 Memory status
- 4 Call info
 - 4-1 Counters
 - 4-1-1 Cost limit
 - 4-1-2 Total duration
 - 4-1-3 Reset call timers
 - 4-1-4 Show
 - 4-1-5 Reset call costs
 - 4-1-6 Charge rate
 - 4-2 Settings
 - 4-2-1 Call forward
 - 4-2-2 Any key answer
 - 4-2-3 Call waiting
 - 4-2-4 Auto redial
 - 4-2-5 Caller ID
 - 4-2-6 Mailboxes
 - 4-3 Call list
 - 4-3-1 Delete all
 - 4-3-2 All calls
 - 4-3-3 Missed calls
 - 4-3-4 Received calls
 - 4-3-5 Outgoing calls
- 5 Operator serv.
- 6 Contacts
 - 6-1 Settings
 - 6-1-1 Delete all phone contacts
 - 6-1-2 Contacts select
 - 6-1-3 Groups setting
 - 6-1-4 Copy to phone
 - 6-2 Names list
 - 6-2-1 <New>
 - 6-2-2 <Search...>
 - 6-2-3 Own numbers
 - 6-2-4 Emergency No.

4.1 Messages

This menu is used to receive, send or manage SMS, including:

- ◆ Broadcast SMS

Broadcast SMS is the common message sent by your operator. By using broadcast SM service, you can receive every kind of message from your operator, such as weather, taxi, hospital and other information. As for usable message, please contact with your local operator.

Note: Broadcast SMS function needs operator support.

◆ SMS

-Archive: SMS moved from the Inbox or Outbox appears here.

By pressing the LSK on the Archive list screen, you can view selected SMS and then press LSK again to access the following options:

Reply: Reply to the sender.

Edit: Re-edit SMS and forward to sender or another recipient, or forward it directly.

Call back: Call back to sender.

Call handsfree: Call sender back hands free.

No. extracted: Extract number from selected SMS and you can save, dial, dial hands free or reply to the number. (This menu is only available to use if the selected SMS contains number)

Store number: Save sender to contacts.

Delete all SMS: Delete all SMS in Archive.

Delete: Delete selected SMS.

-Send SMS

Last message: Last message will be saved automatically and select this menu option to show last message, edit or re-send it.

Create message: Create new SMS. Input text, and then press the LSK to access the following options:

Save: Save edited SMS to Archive.

Send: Input number or select recipient from contacts, and then send SMS.

Add sound: Select a ringer from ring tone list and add it to SMS or select None to cancel adding.

Add graphic: Select a graphic from animation or picture list and add it to SMS or select None to cancel adding.

Template: You can select one SMS from Template list to reedit or send directly.

-Inbox: Select one SMS from inbox, press LSK to read, and then press LSK again to access following options:

No. extracted: Extract number from selected SMS and you can save, dial, dial hands free or reply to the number. (This menu is only available to use when selected SMS contains number)

Reply: Reply SMS to sender.

Edit: Re-edit selected SMS and forward it.

Delete all: Delete all SMS in inbox.

Delete: Delete selected SMS.

Move to archive: Move selected SMS to archive and remove the SMS from inbox at the same time.

Store number: Save sender to contacts.

Call back: Call back sender.

Outbox: Save sent and draft SMS.

Note: You should first activate Auto save in settings, and then sent SMS will automatically be saved in Outbox.

Select one SMS from Outbox, press LSK to read, and then press LSK again to enter following options:

Delete: Delete selected SMS.

Edit: Re-edit SMS and send to sender or another recipient.

Move to Archive: Move selected SMS to Archive and remove the SMS from Outbox at the same time.

Delete all SMS: Delete all SMS in Outbox.

Settings:

Auto save: Select On or Off to activate or deactivate this function. After activated, sent SMS will be saved in Outbox.

SMS center: It's used to save SMS center number of your network. You can set two SMS center numbers.

Note: If SMS center number is empty, you cannot send SMS.

Signature: Select On or Off to activate or deactivate this function. After activated, your signature will be added to SMS every time you send SMS.

Valid. Period: Set the sending time of the SMS network: 12 hours, 1 day, 1week and Maximum.

Delivery rept.: Select On or Off to activate or deactivate this function. After activated, you can receive delivery report: SMS is delivered or SMS is not delivered.

4.2 Settings

This menu allows you to change your mobile phone settings according to your own preference, including:

- ◆ Network: You can set preferred network and select register again automatically or manually.
- ◆ Sounds
 - Ringer volume: Select and set ringer volume to silent, low, mediumn, high or increasing
 - Ringtone: Select a ring tone from the list and set it as incoming call ringer.
 - Silence: Select to silence your mobile phone.
 - Messages ringer: Select On or Off to activate or deactivate Messages ringer. After selecting On, you can select a ringer from the list and set it as the messages ringer.
 - Key tones: Select On or Off to activate or deactivate key tones.
 - Battery alert: Select On or Off to activate or deactivate battery alert
 - Minute alert: Select On or Off to activate or deactivate minute alert. After selecting On, your mobile phone will sound an alert every minute you are on a call.

-Vibra alert: Select On or Off to activate or deactivate vibrate mode.


- ◆ Display: You can set the duration of the backlight, the levels of contrast and set the wallpaper that appears in idle screen. By selecting Pictures, you can enter a list of pictures. You can view the picture in full screen by pressing the RSK or to access options including delete, set as wallpaper and rename by pressing the LSK
- ◆ Time and date: You can set the date and time of your mobile phone. Select a different date format from western, Thai, Chinese and USA and also select a time format of 12 hour or 24 hour.
- ◆ Language

<Automatic>: Select On or Off to activate or deactivate this function.

If activated, your phone language will be set according to your SIM card; if deactivated, it will be set according to phone.

Language list: According to your different requirements, you can set your phone language to English or Español.

- ◆ Hotkeys: You can assign numeric key 2-9 and 0 as hotkeys. After setting, you can press and hold the numeric key in idle mode to access the assigned function.
- ◆ Security

-Auto keypad lock: This function is to avoid accidental key presses by locking the keypad and saves electricity. You can select On or Off to activate or deactivate this function. When activated, your keypad will automatically lock and stop any operation and stay in idle mode for 5 minutes. At that time, “To unlock: Long press 

-PIN protection: Select On or Off to activate or deactivate PIN protection. After selecting On, you need to input the correct PIN code to activate this function (initial PIN code is provided by your operator that provide your SIM card).

-Public names: You can set your phone contacts to limited or unlimited and edit public names.

-Call barring: You can set or cancel outgoing (International except home, all and international) or incoming (when roaming and all) call barring and change barring code.

4.3 Games & applications

This menu includes games and application tools:

- ◆ Games: your mobile phone provides you with two games, including brick game and snake.
- Brick game:

The aim of this game is to hit the brick with the ball. When you hit all the bricks, then you can enter the next level. Operations are as below:

 - ◇ Press 4 or 6 to move racket left or right.
 - ◇ Press * key or # key to start game
 - ◇ Press 0 to pause or resume game (if pause time is over 2 minutes, your mobile phone will automatically return to idle mode and end the game) and once you press 0 to pause the game, a dialogue screen is open, on which you can also

press LSK “OK” or RSK “Back” to go back to game screen and continue playing.

-Snake

The aim of this game is to control the moving “snake” and avoid hitting the wall or itself to eat different dots on the screen. Marks will appear once the snake eats one dot

Operations are as below:

- ✧ Press 2 to move up
- ✧ Press 8 to move down
- ✧ Press 4 to move left
- ✧ Press 6 to move right
- ✧ Press 0 to pause or resume game (if pause time is over about 2 minutes, your mobile phone will automatically return to idle mode and end the game) and once you press 0 to pause the game, a dialogue screen is open, on which you can also press LSK “OK” or RSK “Back” to go back to game screen and continue playing.

- ◆ Alarm clock: You can set up to three alarm clocks and select whether to use snooze mode.
 - Select one alarm clock and select it On
 - Enter time and press LSK to confirm
 - Select repeat event: Once, Every day or On weekdays
 - Select alarm type: Buzzer or Melody from Sounds and press Ok to confirm. “Alarm is on” appears on the display.

Note: The alarm clock will still ring if your phone is turned off or the volume is set to silent. To turn the alarm off, press any key (except in Snooze Mode - see the next section).

If snooze is on, you can press any key (except LSK “OK”) to stop the alarm and have it ring again in 7 minutes.

“Do you want to deactivate alarm clock” appears on the display. Press the LSK”OK” again to turn off alarm clock and deactivate snooze.

Snooze mode will automatically turn itself off after repeating nine times.

◆ Calculator

- Press numeric key 1 to 9 to input number (you can input up to 10 digits)
- Press and hold 0 to input decimal.
- Press navigation keys or * key or # key to input operation signs.
- Press the LSK or # key for the answer.

Addition	Press NK Right or * key
Subtraction	Press NK Left or * key twice
Multiply	Press NK Up or * key thrice
Division	Press NK Down or * key quadruple
Equal	Press # key

◆ FM radio

Select FM radio to activate it.

Operations are as below:

1. Press NK Left or Right to switch channels.
2. Press NK Up or Down to adjust volume
3. Short press * key or # key to inching adjust

4. Long press * key or # key to search last or next channel.

5. Press LSK to enter following options:

-Saved to preset/Rename

If current channel has not ever been saved, you can select “Save” to enter channel list. Press NK Up or Down to select the channel that you want to recover, then press LSK to enter the editor of channel name, on which you can input name and press LSK to save.

If current channel has been saved, you can select “Rename” to enter the editor of channel name to change and press LSK to save.

-Radio preset: Press NK Up or Down to select channel and then press LSK to switch current channel to selected one.

-Set frequency: You can input frequency directly to search channel.

-Auto tune: After selecting this menu, your mobile phone will search channel automatically and save them in channel list.

--Play in background: You can select On or Off to activate or deactivate play radio in background. If activated, you are able to do other operations while listening to radio. And you can press Hang-Up key to exit FM radio in idle.

-Zone setting: You can set different zones, including Asia, Europe and USA to change the area of inching adjustment.

-Help: You can get using help from this menu.

- ◆ Memory status: View memory status, including total volume, used volume, percent of used volume, percent of left volume.

4.4 Call info

This menu is used to manage your mobile phone and related fees, including:

- ◆ Counters

Cost limit: Set a cost limit no higher than 8 digits.

Reset call timers: When selected, “Ok to reset?” appears. You can select OK to reset call timers or select Cancel to not reset.

Total duration: View the total call times of outgoing or incoming calls

Show: View total fees

Reset call costs: This function is only available when you input the correct PIN2 code.

Charge rate: Enter your PIN2 code then set a charger rate.

Note: Please contact your operator to get your PIN2 code. If you enter the wrong PIN2 code three times, your SIM card will be blocked. At that time, you will have to enter a PUK2 code that is also provided by your operator. However, if you enter the wrong PUK code ten times, your SIM card will be blocked forever.

- ◆ Settings

-Call forward: You can set data calls, voice calls or fax calls to be forwarded to an assigned number or voicemail box unconditionally or if there’s no reply or if you are unreachable or busy.

-Any key answer: Select Deactivated or Activated. When activated, you can press any

key (except Hang-Up key) to answer an incoming call.

-Call waiting: Select On or Off to activate or deactivate this function. You can also request the status of Call Waiting.

-Auto redial: Select On or Off to activate or deactivate this function. When activated, your mobile phone will redial automatically until the person you're calling is reached.

-Caller ID: You can select hide or show identity and request status.

-Mailbox

<New>: to create voicemail number.

Select a voicemail number from the list and its detailed information will appear.

Press the LSK to delete, change, call or call hands free.

Note: You cannot set call forward to mailbox if no voicemail number is added.

- ◆ Call list: View latest call list, including missed calls, outgoing calls and answered calls

4.5 Operator serv.

Your operator that provides your SIM card also provides the service items of this menu. Please contact your operator for additional information.

4.6 Contacts

This menu is used to record information about the people who you communicate with, including name, phone number, mobile phone number, and email address. After entering the information, it is easier to make calls, send messages, etc, by using this information. You can also save contacts in different groups and set different ringers for different groups.

You can save phone number and related information to your mobile phone (Phone contacts) or SIM card (SIM contacts). You can save up to 300 contacts in Phone contacts. SIM card contacts depend on the SIM card type.

Except for the SIM card, other classified contact information is saved in your phone. Only a name and one phone number (depends on the type and service of your SIM card) are saved for each SIM card contact. However, when you use another mobile phone (still use with your original SIM card), the information saved in SIM card is still available to use.

Including:

- ◆ Settings

Delete all phone contacts: By selecting this menu, "Do you want to delete all?" appears on the display. Select OK to delete all phone contacts at once.

Contacts select: Select the contacts that you manage: SIM contacts or Phone contacts.

Group settings: You can set up to 20 groups. After entering list, press the NK Up or Down to select the group you want to set, and then press the LSK to change the group name, set a ringer or select a picture.

Copy to phone: Copy all contacts in SIM card to phone contacts.

◆ Name list

Own number: Save your personal phone number.

Emergency number: Dial or hands free dial emergency number.

If SIM contacts is selected:

<New> Create new contact. Input name, number, and then select number type to save new contact.

<Search...>

Select one contact, and then press LSK to enter following options:

Change: Change the information of selected contact: input name, number and select number type orderly, and then save changes.

Call: Dial the number of the selected contact

Call handsfree: Dial hands free the number of selected contact.

Send SMS: Send SMS to selected contact. Input SMS content, then press LSK to save, send, add sound or graphic.

Flash dial: Set hotkey for selected contact, then press and hold relative numeric key in idle to flash dial the number of the contact.

Details: View detail information of selected contact, including name, number and number type.

Copy to phone: Copy selected contact to phone.

Delete: Delete selected contact.

If Phone contacts is selected:

<New>: Create new contact. Input last name, first name and select number type (mobile, fax, data, note, email, pager, home and company), input number, then select group to save new contact.

<Search...>

Select one contact, and then press LSK to enter following options:

Change name: Change the name of selected contact. Input last name and first name, then save the changes.

Call: Dial the number of the selected contact.

Call handsfree: Dial hands free the number of the selected contact.

Send SMS: Send SMS to the selected contact.

Show: Show detailed information of selected contact, including:

<New>: Add new number to selected contact.

Group: Change group information.

Number: Following options are available by selecting one number:

Change: Change selected number.

Call: Dial selected number.

Call handsfree: Dial hands free selected number.

Show: Show detail information of selected number.

Send SMS: Send SMS to selected number.

Copy to SIM card: Copy selected number to SIM card.

Flash dial: Set hotkey for selected number.

Make default: Set selected number as default value.

Delete: Delete selected number.

Change type: Change the type of selected number.

Select group: Select or not select group.

Delete: Delete selected contact.

5 Precautions

Please carefully read and observe the terms below:



Safe power on

Do not use your mobile phone where it is forbidden to use or you might cause disturbance or danger.



Safe transportation firstly

Please observe all related local laws and regulations.

Please drive by both hands.

Transportation security should be considered firstly when driving.



Disturbance

All mobile phone performances might be disturbed



Switch off in hospital

Please follow related limitations.

Please switch off your mobile phone when near by a medical instrument.



Switch off on airplane

Please follow related limitations.

Do not use your phone on an airplane.



Switch off when oiling

Do not use your mobile phone in filling station and around fuels or chemicals.



Switch off around exposure Area

Please observe related limitations and do not use your mobile phone around the area where explosions can occur.



Proper use

As described in this manual, your mobile phone can be used only in right location.

If possible, please do not touch the antenna area on your phone.



Use qualified after sale service

Only qualified maintainer can install or repair your mobile phone.



Accessories and batteries

Only use authorized accessories and batteries and do not connect to unmatched manufacturers or products.



Waterproof

Your mobile phone is not waterproof. Please keep it away from water.



Backup

Do remember to make a backup or keep a written record of all important information saved in your mobile phone.



Connect to other devices

Please read user manual of the device to get more detail security instructions before connecting to other devices and do not connect to unmatched product.



SOS emergency calls

Make sure your mobile phone is switched on and in service area. As required, press End key repeatedly to clear content on screen and return to idle mode. Input SOS number, then press dial key. Tell where you are and do not hang up without permission.

6 Troubleshooting

Common issue	Cause reason	Shooting way
Bad connection	Using mobile phone in the area where network connection is not good, such as around a tower or basement, and radio wave cannot be sent effectively.	Try to avoid
	Using mobile phone when network is busy, such as an on-off duty time, line busy.	Try to avoid
	Related to the distance of the send basis of network.	Ask your operator to provide the map of your service area
Aftersound cacophony or	It caused by network connection and it's a regional problem	Hang up and redial the number.
	Network connection is not good in some areas.	

Idle time becomes short	Idle time is related to network settings.	If the mobile phone is in the area where network connection is not good, please temporarily shut off your phone.
	Need to change battery	Change new battery.
	When cannot receive signals, your mobile phone will continue to send to find basis and a lot of battery volumes are used, so as to short idle time.	Please move to the area where signal is strong or temporarily turn off your phone.
Cannot switch on	Battery is used up	Check battery volume or charge battery
Wrong SIM card	SIM card is damaged	Contact your operator.
	SIM card is not loaded well	Make sure SIM card is loaded well.
	Dirt on metal side of SIM card	Wipe metal point of SIM card with a clean cloth
Cannot connect to network	SIM card is unusable	Contact your operator
	Out of GSM service area.	Request service area to operator
	Feeble signal	Please move to the area where signal is stronger and try again.
Cannot call	Activate call barring	Cancel call barring
	Activate fix dialing	Cancel fix dialing.
Wrong PIN code	Enter the wrong PIN code three times.	Contact your operator.
Cannot charge	Battery or charger is damaged	Change new battery or charger
	Charge in area where the temperature is lower than 0°C or higher than 40°C.	Change charging environment
	Bad connection	Check the connection between the phone and the charger.
Cannot add contact	Contacts memory is full	Delete some contacts.
Cannot set some functions	Operator does not support the function or you have not applied the function.	Contact your operator.

7 RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types GFW1218 (FCC ID: T38UT1082) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 1.130 W/kg and when properly worn on the body is 1.100 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

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

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.