

SG-2000

User's Manual



SEWON TELECOM

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1. Warning

- Switch off your mobile phone when in an aircraft.
 - The use of mobile phones in aircraft may endanger the operation of the aircraft due to electro magnetic interference with the aircraft equipment.
- Do not use your mobile phone while driving.
- Refrain from using your mobile phone in hospitals.
- Do not use your mobile phone in places where explosive or inflammable liquids are located.
- Do not clear your mobile phone with solvents or chemicals.
- Avoid unusual vibrations or shocks, and store in a safe place when not in use.
- Do not hold or make contact with the antenna during a call.
- The use or storage of your mobile phone in extreme hot or cold temperatures will lower the performance of the mobile phone and shorten the service life of the battery.
- Do not use your mobile phone in hot and humid places. If your mobile phone gets wet in the rain or has liquid spilled on it, it may be difficult or impossible to repair.
- Trying to dismantle your mobile phone may result in your disqualification from using free services.
- When you use your mobile phone for the first time or reuse it after leaving it unused for a long period of time, fully charge the battery before use.
- Sewon may change or improve the features and specification to product at any time without notice. And depending on operating, network configuration, countries and software versions, etc. features and specification can be changed.

2. Components

- Thank you for purchasing this product. Check whether your phone comes equipped with all the necessary components, as shown in the figure below. If the product is defective or there is a component missing, immediately contact the office where you bought our phone.



Phone Body
(Model No. SG-2000)



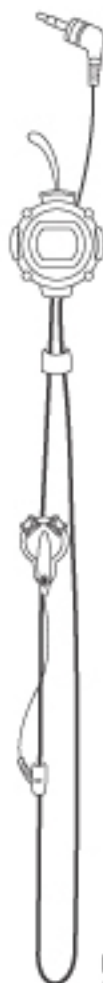
Li-ion Battery



User Manual



Travel AC Charger



Ear hands free
(option)



3. Your Phone

3-1 Phone Layout



3-2 How to Use the Function Keys













- () Used to make a call or to receive an incoming call.
- () Used to end a call, to cancel a function, and for Power On/Off.
- () These are Soft keys and are used to select the functions displayed on the lower part of LCD screen. The left soft key controls options shown in the left section of the screen, and the right soft key controls options shown on the right of the screen.
- () Used to move the Menu options, to adjust the volume in the Adjust Volume screen, or to move the cursor in the screen to enter letters or numbers. When you press "▲" key in standby mode, it shows

3. Your Phone

the missed call. When you press "▼" key in standby mode, it shows the received call.

- (0+) Hold it down to enter numbers with an international access code "+".
- (875) Switch to manner mode.
- (◆) Adjusts the keypad volume while in standby mode, or adjusts the voice volume when making a call. Used to move the Menu options.
- (0+)-(green) : Press to enter numbers. In text entry mode, press to enter text, numbers, symbols.
- (1=)key : Press and hold one key for Voice Mail.
- (2=)-(green)key : Press and hold one key for Quick Dial.

3-3 Icon Description

-  Shows the intensity of the signal with the number of bars.
-  A call cannot currently be made.
-  Vibration mode. / Manner mode.
-  Shows when you are registered to non-home network.
-  The alarm is set.
-  The current status of the battery with the number of bars.
-  There is a new message or an unchecked message.
-  The message box is full.
-  Missed call.
-  Editor Icon.
-  Checked Message.
-  Saved Message.



4. Before Using

4-1 How to Insert and Remove the Battery and the SIM card

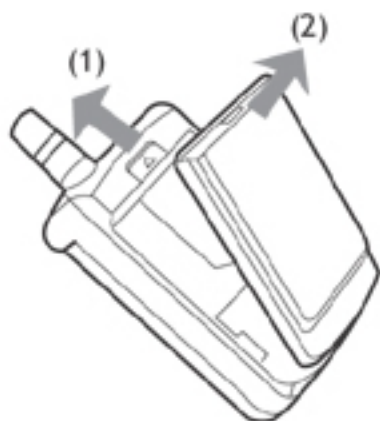
- How to insert and Remove the Battery

- ▶ How to Remove the Battery

Push the separation key up on the mobile phone in the direction of the arrow (1) and pull the battery out with one hand.

- ▶ How to insert the Battery

1. Fit the lower part of the battery in the groove on the lower part of the mobile phone.
2. Press the battery down in the direction of the arrow until you hear a 'click' sound.



<How to Remove the Battery>



<How to insert the Battery>

4. Before Using

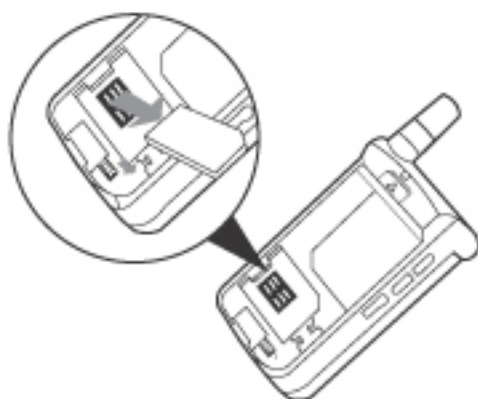
- **How to insert and Remove the SIM Card**

- **How to Remove the SIM Card**

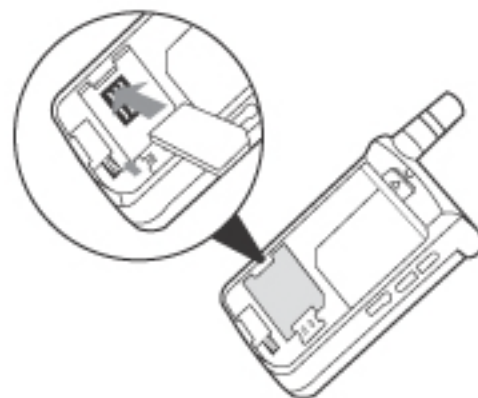
Remove the battery from the mobile phone and push the separation key of the SIM card up to the right, then, the SIM card will come out.

- **How to insert the SIM Card**

Insert the SIM card into the mobile phone and pull the separation key.



<How to Remove the SIM Card>



<How to insert the SIM Card>



4-2 How to Charge the Battery

- Connect the adapter to the key of the phone.
(The mobile phone is powered-on automatically when the charger is plugged-in.)



- Connect the adapter to a standard AC wall outlet.
(During charging, the message "charging" will appear on the screen.)
- When charging is complete, remove the adapter from the phone by pushing both keys.
(When charging is complete, the status lamp changes color from red to green.)



4. Before Using

4-3 Battery Charging Time and Talk Time

- Battery Charging Time
 - ▶ Slim Battery : 1.5 hrs
 - ▶ Standard Battery : 1 hr 45 mins
- Battery TalkTime and Standby Time

Status \ Kinds	Slim Type	Standard Type
Talk-Time	70~320 mins.	90~400 mins.
Stand-by Time	80~120 hrs.	100~150 hrs.

- ▶ Use time was measured based on the standby-time measured in our laboratory.
- ▶ Use time may be shorter depending on the conditions, the degree to which the phone is receiving radio waves, key operation and charging method.
- ▶ If the battery is completely discharged it may take a few minutes before the charging indication appears on the display or any call can be made.




4-4 How to Effectively Use the Battery

- Use the designated charger only.
 - Never use other chargers as they may damage the battery.
- Do not put the battery close to heat or fire or try to take it apart without qualified assistance.
 - Risk of explosion.
- Do not drop your mobile phone.
 - Impact such as dropping your phone may cause problems with the electric cell inside the battery pack, and shorten the battery life.
- The mobile phone and the battery have an increased efficiency at 5~45 °C
- Always store the battery at 5~45 °C
 - If you put the battery in a car with the door closed in the summer or in an exceptionally hot or cold place, the battery capacity will be reduced and the service life will be shortened.

5. Getting Started

5-1 Power On

- Open the flip cover and press the Power Key.
- When the power is on, the following screen will be displayed.
- Time setting can be reset, when the power key  is entered without Battery.



SEWON
TELECOM

- If there is no SIM card, the following screen will be displayed.



Insert SIM

SOS

- If you are asked to enter a password in the phone, enter your password and press the left soft key  (**OK**).



Phone Lock

XXXX

OK

Delete



Phone Lock

Phone Lock
OK

OK

Delete



- If you are asked to enter a PIN number (Personal Identification Number) in the phone, enter the PIN number and press the left soft key (**OK**).



※ If you press the End key without the battery, it can reset the current time.

5-2 Power Off



- Press the End key for more than 1.5 seconds.
- Then, the power will turn off after displaying the following screen.



6. General Operations

6-1 Making a Call

= Making a Call =


- Enter the phone number and press the Send key. 
- Press long Quick dial no(2-9) Saved in Phone book.
- If you enter a wrong number, press the right soft key  (Delete) to remove the number.

Enter number:
01064XXXI





Save

Delete

= Ending a Call =

- Close the flip cover or press the End key 

= Re-dialling a previously Called Number =

- Press Send key  to enter the Call List.
- Scroll through the list with  and  key or side keys and select the number you want to call.
- Press Send key  to make the call.


Outgoing Call

123
01064XXX
+8222008XXXX

Options

Back

= Making International Calls =

- Press and hold the 0 key  until a + sign appears.
- Enter the country code, area code(without leading zero) and phone number and then press send.

Enter number:
+8222642XXXI

Save

Delete



= Making Emergency Calls =

- Enter 112 then press Send key. 






6-2 Receiving a Call

= Answering a Call =



- Single call mode
 - When the phone rings or vibrates, open the flip cover and answer the call. (When the flip cover is already opened, press the send key  or the left soft key  (**Accept**) to answer the call.)



- Two call mode
 - Press Send key,  then display the two menu items.
 - End Activated
 - End Held
 - Press 1 , activated call is ended, and accept new call.
 - Press 2 , held call is ended, and accept new call.



= Rejecting a Call =

- Close the flip cover or press the end key  or the right soft key  to reject the call
- Press long the side key to (**Reject**) the call with not a open folder.

6-3 Adjust the Volume

= Adjusting the listening volume =

- If your voice is too loud or too quiet during a call, you can adjust the voice volume using the Side key.

Note : Refer to Ringer and Sound Setting on page 48 for more details on volume adjustment.



= Making the Speaker phone =

- This function cannot be used in the loud Place.
- When you press the ▲ key, you can make a call holding the phone away from your face.

When you press the ▲ key once again, deactivate Speaker phone mode.



= Mute the Microphone =

- When you press the ▼ key, mute the Microphone of your phone.
- When you press the ▼ key once again, unmute the Microphone.







6-4 Ongoing Call Menu

When you are making a call, "Options" appears in the left soft key, press this key to use the ongoing call menu.

- **Conf.call**: Make conference call.
- **Private call**: Make to separate an individual from the main conference call.
- **Swap**: Allows you to switch between the active call and the call that is on hold.
- **End all**: This option will terminate all connected calls.
- **Contact**: Directly move to the phonebook so that you can immediately save the phone number of the caller in the phonebook.
- **Hold**: This option will put the active call on hold.
- **Unhold**: This option will put held call on a active.
- **Mute**: you can temporarily mute the microphone of your phone so that the caller cannot hear you.
- **Unmute**: This option deactivates the Mute function.
- **Mute key**: This option doesn't transmit the DTMF tones.
- **Send key**: This option transmits the DTMF tones.



6-5 Manner Mode

- Vibration Function : ~~only~~ changes to manner mode.
 - ▶ Press the key  (for more than 1.5 seconds).
 - When the phone is changed to manner mode, the icon will be displayed in the upper part of screen.
 - ▶ Press the key  (for more than 1.5 seconds) once again to cancel the manner mode.
 - Vibration function will be canceled when the icon disappears from the screen.

6-6 How to Use the Earphone

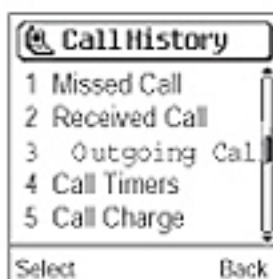
- When making a call with the ~~ear~~phone.
 - ▶ Insert the jack of the earphone into the mobile phone.
 - ▶ Open the flip cover, enter the phone number and press the Send key to make a call.
 - When receiving a call with the ~~ear~~phone.
- = Accept the call =**
- ▶ Press the side key to receive a call with not a open folder.
- = Reject the call =**
- ▶ Press long the side key to reject a call with not a open folder.
If you remove the earphone on the call (with not a open folder), the call will be disconnected.

7. Call History



7-1 Display and Save Call Records

- Your Mobile phone automatically stores the last the number in memory
- Select "Call History" from the Menu and press the left soft key (Select) to display the following screen



▶ Missed Call

- Displays the numbers or name of the last 10 missed calls on the screen.
- If you press the up key of the navigation button in the standby mode, the missed call list will be displayed.


▶ Received Call


- Displays the numbers or name of the last 10 received calls on the screen.
- If you press the down key of the navigation button in the standby mode, The received call list will be displayed.

▶ Outgoing Call

- Displays the numbers or name of the last 10 outgoing calls on the screen.
- If you press the send key (Send) in the standby mode, The outgoing call list will be displayed.



*Select one of the above three menus and press the left soft key  (**Select**).

Select one of the displayed lists and press the left soft key  (**Options**) to display the following menu on the screen.

- Details

Displays the dates and times that you talked on the phone to selected numbers.

- Save

This menu stores selected phone numbers in the Phonebook.

You can save these numbers in the same way as in the Phonebook.

Details	
[01/10]	
ABC	
12345678	
1	JAN 00:17
Call	Back

*Refer to the phonebook on page 39 for more details.

- Send Message

Send messages to the phone number selected.

*Refer to the Message part on page 28 for information on how to use this.

- Delete




Deletes numbers from the list.

- Delete all




Deletes the current list



7-2 Call Timers

- **Call Time** This menu displays the duration of the calls you have made.
 - ▶ Select this menu and press the left soft key  (**Select**) to display the three functions shown below. Press the right soft key  (**Reset**) to reset "Press ok to Reset" is shown.
If you press the left soft key  (**OK**), All call timers will be reset.
 - **Recent** : Displays the duration of the calls you have recently made.
 - **Incom** : Displays the total duration of incoming calls up to present.
 - **Outgo** : Displays the total duration of outgoing calls up to present.

7-3 Call Charge

- **Call Charge** This menu displays the call charging information.
 - ▶ **Cost Info.** This menu displays the total cost of all calls, used costs, maximum available costs and remaining costs.
 - **Last Cost** : displays the cost of the last call.
 - **Used Cost** : displays the cost that you have used up to now.
 - **Max Cost** : displays the maximum cost that you can use.
 - **Remains** : displays the remaining cost.
(You should reset this regularly as you cannot make a call if there is no remaining cost.)
 - ▶ **Reset Cost** : Reset the current call cost status to 0.
 - You need to enter the PIN2 number to use this function.
 - ▶ **Cost Limit** : This menu sets the maximum call cost you can use.
 - Select this menu and press the left soft key  (**Select**).
 - Then, a message will appear asking you to enter PIN2 on the screen.
 - Enter the PIN2 on the screen and press the left soft key  (**OK**).
 - Then, a screen will appear where you can enter the Max Credit.
 - Enter the new Max Credit here and press the left soft key  (**OK**) to finish setting the new Max Credit.
 - You can see that the Max Credit has been changed by checking the Charge Info.

*If PIN2 is entered incorrectly three times in row, you cannot start this function. Refer to Solving Problems on page 37 to solve this problem.

- ▶ **Price / Unit** : This menu sets your call costs and the cost of each unit.
 - You must enter PIN2 in this menu also.

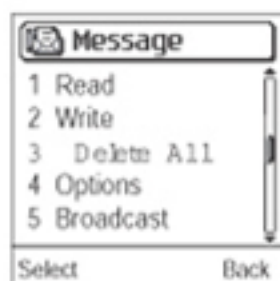
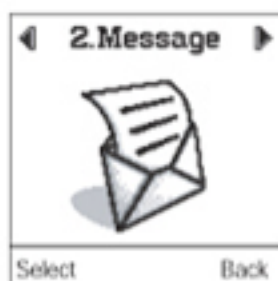
Note : This call charge service may not be available on all networks.

8. Message



- Select "Messages" on the menu and press the left soft key

(**Select**) to display the Message Sub-Menu.

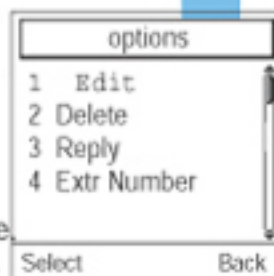


8-1 Read

- **Read** : You can check the messages you have received or the messages you have saved.

- ▶ Select "Read" using the Navigationkey and press the left soft key (**Select**) ().
- ▶ Select the message you want to check and press the left soft key (**Select**) to check the message.
- ▶ If you want to editor to reply to the message you checked, press the left soft key (**Option**) ().



- **Edit** : edit the message you checked.
- **Delete** : delete the message you checked.
(All functions including how to compose a message are the same as for the Write menu.)
- **Reply** : send a reply to a received message.
(When you select the menu, it moves to the Write screen.)

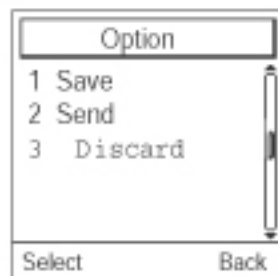


8. Message



- ExtractNumber : displays the phone number of the user who sent you the message.
Press the Send key to automatically make a call to the user who sent you the message.
- * If the message sender's name is saved in the Phone Book, the name of the sender will appear on the screen, rather than the phone number.
- * When you receive a message in standby mode, (Read) will appear in the left soft key of the phone.
Press the Read to check an incoming message.

8-2 Write


- You can write, save and send new messages.
 - ▶ Select "Write" using the Navigation button and press the left soft key  **Select**).
 - ▶ Enter the text on the screen.
 - ▶ After entering, press the left soft key  **Option**).
 - ▶ **Save** : Saves the message you have written.
The saved message will move to Read.
(If there is no space to save it, a message "memory full" will appear.)
 - ▶ **Send** : Send a message you have written.








- Enter the phone number on the screen and press the left soft key  to send the message
- If you press the left soft key  (**Name**) before you have entered the phone number on the screen, it will automatically search for a phone number in the Phone Book.

Enter number	
Names	Back


- **Discard** When you select the left soft key  (**Select**), will appear and will return to the message sub-menu.
(Be careful not to accidentally lose a message you have written.)

8-3 Delete All

- Delete all messages.
 - ▶ Select "Delete All" using the Navigation key and press the left soft key  (**Select**).
 - ▶ A message "Delete ALL?" will appear on the screen.
 - ▶ Press the right soft key  (**Back**) to return to the message sub-menu.
 - ▶ Press the left soft key  (**OK**) to delete all the messages saved in the SIM. The message "deleted" will appear on the screen.



8. Message

8-4 Options


- Set the functions for sending and receiving messages.
- Select "Option" by using the Navigation key and press the left soft key  (**Select**).
 - Service Center : The SMS Center number is required to send messages.
Ask your service provider for this number.
 - Validity Period : Set the period of time the message is stored in the Service center. You can set the period for an hour, a day, a week, a month or a year.
When the set period expires, the Service center will delete all messages, even if the user does not receive the message.
 - Message Type: Set the type of message. Message types include E-mail, Fax Group3, Fax Group4, Voice, ERMES Pager, Other Pagers and GSM mobile. When you set the message type, the network will convert the message to the type you have set.



8-5 Broadcast

- Broadcast : Used to receive information from the service provider as SMS.
- Select "Broadcast" using the Navigation button and press the left soft key  (**Select**) ().
- Activate: Select this menu to set the Reception to On or Off. You can receive broadcast messages when you set the "Reception" to On. You cannot receive broadcast messages when you set the "Reception" to OFF, but the standby-time of the battery will be prolonged. Its default factory setting is OFF.




- Read : Select this menu to display the information received most recently. Select the message with the Navigation key and press the "Select" key to display the contents of the message you selected.
- New : This menu registers a new channel. You can set up to 20, three digit channels and save them on the SIM.
- List : This menu displays the stored channels. Select the channel and press the left soft key  (**Delete**) to delete all the channels.




8. Message

8-6 Voice Mail

- **Voice Mail**

- ▶ **Select Voice Mail** from the Message Sub-menu, and press the left soft key  (**Select**).

Call Mail Box : You can check your voice messages. If the number is not registered in the Mail Box No section, you can enter the number in this menu and press the left soft key  (**Select**) to check for voice messages.



- ▶ **MailBox No.** : This menu saves the number of the voice mail box where you can check your voice messages. If you save the number in this menu, you don't have to enter the number again when checking your voice messages from the Call Mail Box menu.








8-7 How to Use Text Messaging

Key	UpperCase Mode	LowerCase Mode
1	1_? !.,:;'"' () @ ÿ ÿ	
2	A B C 2 Ä Å Æ	a b c 2 ä å æ ç
3	D E F 3 E	d e f 3 é è
4	G H I 4	g h i 4 ì
5	J K L 5	j k l 5
6	M N O 6 Ñ Ò Ó	m n o 6 ñ ò ó
7	P Q R S 7	p q r s 7 ß
8	T U V 8 Ü	t u v 8 ü ú
9	W X Y Z 9	w x y z 9
0	0 & % £ ¥ # \$ § + - * / < > =	

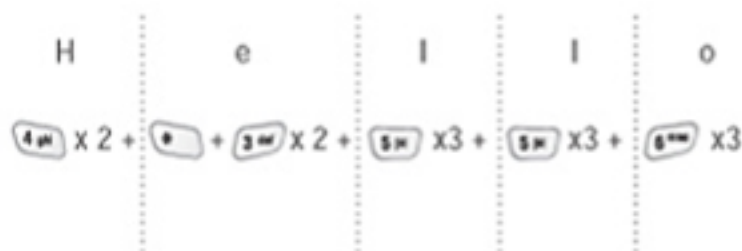
8. Message

• How to Enter English Characters

- ▶ You can compose a message using the numeric keys from 0 to 9, and the  key.
- ▶ Press a key quickly several times to check that one key shows different characters for each press.
- ▶ Uppercase Mode is the default mode in this phone.
Press the  key to change it to Lowercase Mode.
- ▶ First, press the  key.
- ▶ Press once to produce character A, twice to produce character B, and three times to produce character C.
(Since Uppercase Mode is set by default, you will see them in upper case.)
- ▶ Press the  and then the  key.
- ▶ Press once to produce character a, twice to produce character b, and three times to produce character c.
(It changes to Lowercase Mode when you press *, so you can see that Lowercase Mode characters are displayed)

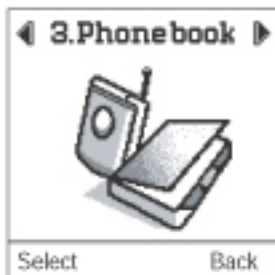


- ▶ Try out other keys.
- ▶ Now, try making a sentence.
- ▶ Compose the sentence below.
- ▶ < **Example** > Hello
 - Press the following buttons to compose this example sentence.
 - Hello







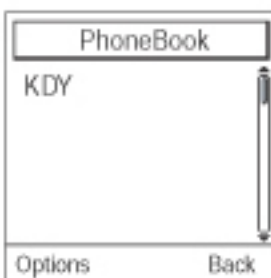
9. Phone Book

You can store phone numbers and their corresponding names in the memory of your SIM card. In addition, you can store up to 200 numbers and names in the phone memory.




9-1 Search


- This function searches for the phone number in the Phonebook by name.
 - ▶ Select Search in the Phonebook Menu and press the left soft key  (**Select**) to display the editor to search by name.
 - ▶ In standby mode, display immediately the phonebook menu if you press the left soft key  (**Name**)
 - ▶ If you want to find a name on the List numeric key of 2 to 9, the cursor will move to the name which is consistent to the alphabet on keypad.
 - ▶ Select the name and press the Send Key() to make a call.
 - ▶ Press the left soft key  (**Option**) to display the following menu.





- **Details** Displays the phone number of the name selected.
- **Edit** Change the name and number.

- Select this menu and press the left soft key  (**Select**).

- When the screen appears where you can enter the number, enter the phone number and press the left soft key  (**OK**).

Then the screen where the names can be entered will be displayed.

- Enter the name and press the left soft key  (**OK**).

Then the screen where the dial no.

Can be entered will be displayed. Enter the dial no and

Press the left soft key .

It will display the message "Saved" when it has been saved.

* If FDN is set, the screen will ask for the PIN2 number before changing the contents.

* When you press the End key, It will return to the previous input step.



9. Phone Book

- ▶ **Send message** : Send a message to the name selected.

*Refer to messages on page 28.

- ▶ **Delete** : delete the number selected.

*If FDN is set, you need to enter PIN2 to delete this.

- ▶ **Copy** : Copy to another Memory.

- If FDN is set, this menu is not displayed.

- If the memory of the selected entry is set to SIM, it will be saved in phone.




If the memory of the selected entry is set to phone, it will be saved in SIM.


*Refer to "Select Memory" for the selection of the memory to be stored.





9-2 Add New Entry

- Add New Entry : This menu stores new phone numbers.
- Select "Add New Entry" in the PhoneBook Menu and press the left soft key  (**Select**).
- When the screen asks you to enter the number, enter the number and press the left soft key  (**OK**).
- A screen will appear to ask you to enter the name. When you enter the name and press the left soft key , a screen will appear to ask you to enter the dial number. When you enter the dial number, the message will appear "Saved" and this number will be saved.
- If FDN is set, a message will appear to ask you to enter the PIN2 number before entering the number.
- When you press End key, It will return to the previous input step.
- When you enter Quick no. numbers of 2 to 9 are only saved.
- When you enter, the same Quick no. "Overwrite" messages will be displayed.

new
Enter number: 

Back

Enter name: 

Back

Enter Quick No: 

OK Back

9. Phone Book

*Total number which SIM phonebook can save is 254 with ADN, Fixed Dial No., Service Dial No., Last Recived No., etc..

Therefore, even if SIM saves phone numbers of 255, SG-2000 may not save them fully.

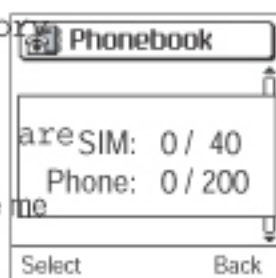
9-3 Memory Status

- This menu displays the current memory status

- You can check how many names and numbers are stored in the phonebook (SIM card and phone memory)

*Each SIM card has a different storage capacity.

Refer to the service operator for details of the storage capacity.



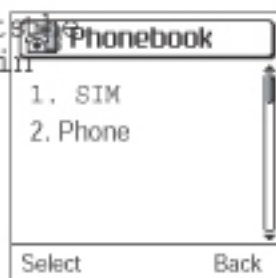
9-4 Select Memory

- SelectMemory : This menu selects the memory (Phone or SIM) to save in the Phonebook.

- Select "select Memory" in the Phonebook menu and press the left soft key (Select) to display the following screen:

- If you select Phone, the phone memory will be selected.

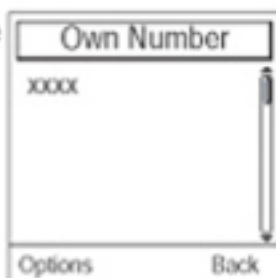
- If you select SIM, the SIM memory will be selected.





9-5 Own Number

- **Own Number** : This menu shows a name to each of your own phone numbers registered on your SIM card.
- Select "Own Number" in the PhoneBook menu and press the left soft key (**Select**) to display the screen as follows:
 - Details
 - Add New Entry
 - Edit
 - Send message
 - Delete



9-6 Service no.

- **Service no.** : This menu show the list of service Dialing numbers (SDN) assigned by your network operator/service provider in the SIM. The user can use these telephone numbers to make outgoing calls.

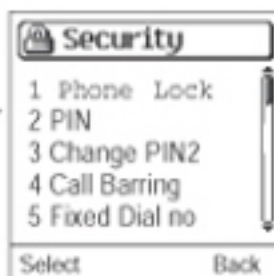
10. Security

- To safeguard against misuse by other terminal users the standard PIN and Numbers.

This phone also supports the FDN function which prohibits people from making numbers other than those already designated. Key Tones and beep sound will not be played when you enter the PIN and Password.

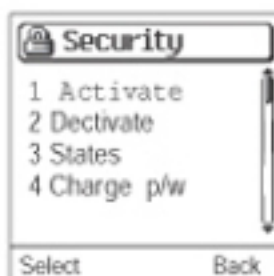


- Press the right soft key **Menu** (the main screen select Security with the Navigation key press the left soft key **Select** ().



10-1 Phone Lock

- This function prevents misuse by others by requesting a 4~8 digit password saved in the terminal when you turn on the terminal the first time.
- Select Phone Lock from the Security sub menu, and press the left soft key **Select** ().
 - Activate : Activate the Phone Lock function.
 - Deactivate : Deactivate the Phone Lock function.
 - Status : Display the status of the Phone Lock (activated or deactivated).
 - Change P/W : Change Phone Lock Password.






- ⓘ **warning** : 1. You must know the password to use the Phone Lock functions.
Make sure you remember the password, since you cannot use these functions without a password.
2. The Phone Password is set to 0000 by default.
 3. Avoid selecting the number similar to Emergency call number when you change the Phone Lock number.
 4. If you enter wrong password three times the message "**Phone Lock Perman**" will be displayed and the phone will stop.
(If the phone power is 'off' and the 'on' again, you can use the phone)



10-2 PIN




- This function prevents misuse by others, and requires you to enter a 4 ~ 8 digit PIN number saved on the SIM card when you turn on the terminal for the first time.
- Select PIN from the Security sub menu and press the left soft key  (**Select**).




- ⚡ **Activate** : Activate the PIN function. When it is activated, you will be prompted to enter the PIN when the power is turned on.
- ⚡ **Deactivate** : Deactivate the PIN function. When it is deactivated, you will not be prompted to enter the PIN when the power is turned on.
- ⚡ **Status** : Displays whether the PIN is currently activated or deactivated.
- ⚡ **Change PIN** : Change the PIN Number.

10. Security

10-3 Change PIN2

- This menu changes PIN 2.
 - Select PIN 2 from the Security sub-menu and press the left soft key  (**Select**).
 - ▶ Enter the existing PIN2 and press the left soft key  (**OK**) to display the screen where you can enter a new PIN2.
 - ▶ Enter the new PIN2 and press the left soft key  (**OK**) to make a new PIN2.
- * Warning : If you forget your PIN2, you cannot use some menus.
Please make sure you use PIN2

10-4 CallBarring


- This menu restricts the calls of users.
Select Call Barring from the Security sub menu, and press the left soft key  (**Select**).
 - ▶ **All Outgoing** : prohibits outgoing calls.
 - ▶ **Inter. Calls** : prohibits international calls.
 - ▶ **Inter. But Home** : enables outgoing calls only to the home country and to the country where you are currently located if you are in a foreign country.
 - ▶ **All Incoming** : prohibits incoming calls.
 - ▶ **When Roam** : enables outgoing calls, and prohibits incoming calls when a user is roaming.



- ▶ **Cancel All** : Deactivates all call barring.
- ▶ **Change P/W** : Change the Call Barring Password, provided by the service provider.
 - ※ A 4 digit Barring Password is required to activate/deactivate the Call Barring function, and is provided by the service provider when you subscribe to the service.
 - ※ The call barring service may not be available on all networks.

10-5 Fixed Dial No.

- **This function prohibits the forwarding of messages or outgoing calls except to the numbers already designated.**

- ▶ Select Fixed Dial no. from the Security sub menu, and then press the left soft key  (**Select**).
 - Activate : Allows outgoing calls only to the users in the FDN list already designated.
 - Deactivate : Deactivates the Fixed Names function.



- ▶ FDN (Fixed Dial Number) List means the phone numbers saved in the Phone Book with FDN status. When you search the Phone Book for FDN status numbers, numbers saved in a status other than FDN will not be shown. .

* Warning : You must know your PIN2 to use the Fixed dial function.

If PIN2 is entered incorrectly three times in a row, you cannot use this menu.

Refer to Solving Problems on Page 62 for more details on how to solve this problem.

11. Phone Setting



11-1 Sound

- For Sound Settings, first move to the Sound menu in the Phone Settings.
- Press the right soft key (**Menu**).
- Select the Phone Setting menu by pressing the Navigation key, and then press the left soft key (**Select**).
- Select the Sound menu and press the left soft key (**Select**) by moving the Navigation key.





11-1-1 Ring Mode

- This is a menu to select the sound / vibration/vibra then sound.
- Select Ring Mode with the Navigation key in the Sound sub menu, and press the left soft key (**Select**).
- Select either Melody or Vibration, and press the left soft key (**Select**).
(※ To move to the previous menu, press the right soft key (**Back**)).


11. Phone Setting

11-1-2 Select Melody


- ▶ Select the Select Melody menu with the Navigation key in the Sound sub menu, and press the left soft key  (**Select**).
- ▶ Select one of several melodies, and press the left soft key  (**Select**).
- ▶ You can hear a melody whenever you select it.



11-1-3 Adjust Voice Volume


- ▶ This menu adjusts the volume of the voice of the person who you are talking to during a call.
 - Select the Voice Volume menu with the Navigation key from the Sound sub menu, and press the left soft key  (**Select**).
 - Adjust the volume using the Navigation key.
 - * You can adjust the volume of the voice during a call, using the side key.
 - * Maximum Voice volume is level 5.

11-1-4 Adjust Ring Volume


- ▶ This menu adjusts the volume of the ring your phone will make when an incoming call is received.
 - Select the Ring Volume menu with the Navigation key in the Sound sub menu, and press the left soft key  (**Select**).
 - Adjust the volume, using the Navigation key.
 - * Maximum Ring volume is level 7.



11-1-5 Adjust Key Volume

- ▶ This menu adjusts the volume of the tone the phone makes when you press the key.
- Select the Key volume menu with the Navigation key in the Sound sub menu, and press the left soft key  (**Select**).
- Adjust the volume, using the Navigation key.
 - * You can adjust the Key Tones in standby mode, using the side key.
 - * Maximum Key volume is level 5.

11-1-6 Adjust Warning Volume

- ▶ This menu adjusts the volume of the warning tone of SMS, CB, Netfound.
- Select the Warning Volume menu with the Navigation key in the Sound sub menu, and press the left soft key  (**Select**).
- Adjust the volume using the Navigation key.
 - * Maximum Warning volume is level 5.

11-1-7 Select Key Tone

- ▶ This menu selects the type of key tone the phone makes when you press a key.
- Select the Select Key Tone menu from the Sound sub menu to display the Beep and DTMF menu.
 - Beep : Produces a Beep sound when you press a key.
 - DTMF : Produces a DTMF sound when you press a key.

11. Phone Setting

11-1-8 Warning Tones

- **SMS**
 - ▶ This menu sets the SMS incoming sound to On or Off.
 - Select the SMS menu from the Warning Tones sub menu to display On and Off menu.
 - Off: When the SMS is coming from Network you can't hear the informing sound.
 - On: When the SMS is coming from Network you can hear the informing sound
- **Cell Broad.**
 - ▶ This menu sets the Cell Broadcast Message incoming sound to On or Off.
 - Select the Cell Broad. from the Warning Tones sub menu to display On and Off menu.
 - Off: When the Cell Broadcast Message is coming from Network you can't hear the informing sound.
 - On: When the Cell Broadcast Message is coming from Network you can hear the informing sound.
- **Net Found**
 - ▶ This menu sets Network Found or Lost sound to On or Off.
 - Select the Net Found from the Warning Tones sub menu to display On and Off menu.
 - Off: When the network is found or lost you can't hear the warning sound.
 - On: When the network is found or lost you can hear the warning sound.



- This menu sets the general functions of the phone.

11-2 Clock

- **Clock** : This menu sets the current time or alarm time.
 - ▶ Press the menu key to select the Phone Setting menu and press the left soft key (**Select**).
 - ▶ Select Clock from the Phone Setting sub menu, and press the left soft key (**Select**).

1. Set Time/Date : Set the current date and time.

- Select the Time/Date menu to display the following screen:
- Enter in the order of month/date/year and press the left soft key (**OK**) to display the following screen:
- Notice: Year that you can input is between 2000 and 2079
- Set the time in the order of hours / minutes, and press the left soft key (**OK**).
- Notice that the current date is changed while the message "Saved" is displayed.


Enter Date : [MM/DD/YYYY] 12/01/2001	
OK	Back

Enter Time : [HH:MM]	
Saved	
OK	Back

- * **Warning** : If you do not charge the battery within 10 hours after the power turns off because the battery is empty, or if you remove the battery for more than 30 minutes, the time you set may be deleted.
Do not pull out the battery before turning off the phone.
It may extremely reduce time-keeping period.

11. Phone Setting

2. Date Format: Set to display the


- ▶ Select the Date Format menu from the Clock sub menu, and press the left soft key 

(**Select**) to display the following screen:

- dow/dd/mm : Display the date in a day of week/ date/ month
- dow/mm/dd : Display the date in a day of week/ month/ date
- dd/mm/dow : Display the date in date/ month/ a day of week
- mm/dd/dow : Display the date in month/ date/ a day of week



3. Time Format: Set to choose the 12 or 24 hour clock.


- ▶ Select the Time Format menu from the Clock sub menu, and press the left soft key 

(**Select**) to display the following screen:

- ▶ Select 12 hours to change it to the 12 hour clock, and select 24 hours to change it to the 24 hour clock.



4. Alarm : Set the alarm.

- ▶ Select the Alarm menu from the Clock sub menu, and press the left soft key 

(**Select**) to display the following screen:

- Activate All : Activate the alarm function you set.
- Deactivate All : Deactivate the alarm function you set.
- Daily : Set the alarm to go off at the designated time every day.
- Once : Set the alarm to go off once only at the designated time.
- Status : Display the activation or the deactivation of Daily, once alarm.





11-3 Display

- **Display** : This menu adjusts the brightness of the screen and the duration of the backlight on the screen.

1. Back Light : This menu adjusts the duration of the backlight on the screen.

- Off : Turn off the backlight on the screen. When you select this menu, the backlight will not be turned on.
- 3sec : The backlight will turn on for 3seconds.
- 6sec : The backlight will turn on for 6seconds.
- 9sec : The backlight will turn on for 9seconds.
- 12sec : The backlight will turn on for 12seconds.

2. Contrast : This menu adjusts the brightness of the screen.

3. Service Light

- This menu sets the light(green LED) Network is registered or not.
- Select the Service Light from the Display sub menu to display On and Off menu.

Off: You can't see green LED whether the network is registered or not.

On: When the network is registered you can see the green LED.

4. My Name

- This menu sets your name or something that you want to enter. If you enter the name you can see your name in idle status.



11. Phone Setting

11-4 Languages

- **Languages** : This menu sets the language to be used on the phone.
 - This phone has English now. But Arabic will be intalled in near future.

11-5 AnswerMode

- This menu sets Answer mode. (any key or flip or automatic)

11-6 Setting Init

- This menu initializes the phone settings.
- Refer the fallowing table Default setting values.
 - **Note:** If you want to use this function, you should enter PhoneLock code.



Default Setting Values



Function Name	Default Value
Ring Mode	Sound
Select Melody	Bell1
Voice Volume	Level 3 (max5)
Ring Volume	Level 7 (max7)
Key Tone Volume	Level 3 (max5)
Warning Volume	Level 3 (max5)
Warning Tones	SMS(On) Cell Broad(On) Net Found(On)
Date Format	dow/mm/dd
Time Format	24 hours
Alarm	Off
Backlight	9s
Contrast	0 (-5 ~ +5)
Service Light	On
My Name	Blank
Languages	English
Answer Mode	Any key(On) Flip(Off) Automatic(Off)

12. Network Settings

12-1 HideID


- This function hides the number of your phone so that it will not be displayed on the phone of the receiver when you make a call. If you select this function, your phone number is not displayed when you make a call.



- Select Net. Setting from the Main Menu and press the left soft key  (**Select**).
 - Select Hide ID from the Net. Setting sub menu and press the left soft key  (**Select**).
 - ▶ **Status** : This menu displays whether your status is "Hide" or "Display"
 - ▶ **Activate** : This menu activates the Hide ID. When you select this menu, your phone will be in Hide ID status, and your number will not be displayed on the phone of the receiver when you make a call.
 - ▶ **Deactivate** : This menu deactivates the Hide ID status. When you select this menu, the "Hide ID" status will be canceled and your number will be displayed on the phone of the receiver when you make a call.
- * The Hide ID service may not be available on all networks.




12-2 Call Waiting

- This menu alerts you that there is another incoming call while you are making a call.
- Select Call Waiting from the Setting sub menu and press the left soft key  (**Select**) to display the following options:
 - **Status:** Check whether the current status is active or not.
 - **Activate:** This option activates Call Waiting.
 - **Deactivate:** This option deactivates Call Waiting.
 - * The call waiting service may not be available on all networks.




12-3 Call Divert

- This service diverts incoming calls to a number designated by the user.
- Select Divert from the Setting sub menu, and press the left soft key  (**Select**) to display the following screen:



12. Network Settings

- Select one of the three sub menus shown above, and press the left soft key  (**Select**) to display the status of Divert currently set. (The methods of setting Divert for Voice, Fax and Data are all the same.)

► If Busy

- This menu diverts incoming calls to the designated number when your phone is busy.

► If there is No Answer

- This menu diverts incoming calls to the designated number when you don't answer..

► If you cannot be Reached

- This menu diverts incoming calls to a designated number when you are not in service areas.

► All Calls


- This menu diverts all incoming calls to the designated number. This menu diverts incoming calls so that the user can't receive them

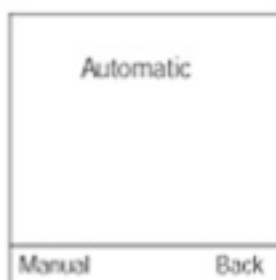
► Cancel All

- This menu cancels the Divert you have set.
 - * The call Divert service may not be available on all networks.



12-4 Network Selection

- This function automatically selects the network but it also allows the user to select the network manually.
- Select Network Selection from the Setting sub menu and press the left soft key  (**Select**).




► Automatic

- When you select this menu, your phone will automatically select the network.

► Manual

- When you select this menu, you can manually select the network the phone will be connected to.

12-5 PrefNetwork

- When you select Manual, you should select a network from Pref. Network. You can also register a new network here.
- Once selected, this option displays a list of 10 spaces on the screen. Spaces which are not set will be marked "empty"
- When you select a network registered here, your phone will use the network you have selected.
- If you want to register a new network, select a space marked "empty" and press the left soft key  (**Select**).
- Select List : Search for and register the name of a network. When you select this menu, a lists of networks will appear on the screen. Select one of these lists.

12. Network Settings

- Network Code: When you cannot find the network you want in the Select List, you can use this option to directly register with a network code. In this case, you need to know the 5 digit network code.
- Delete: Delete the network registered..

A screenshot of a menu titled "Empty". It contains a list of five items: "1 VFDNE", "2 Empty", "3 Empty", "4 Empty", and "5 Empty". The item "2 Empty" is highlighted. At the bottom of the menu are two buttons: "Select" and "Back".



A screenshot of a menu titled "Network code". It contains a list of three items: "1 Select List", "2 Network code", and "3 Delete". The item "2 Network code" is highlighted. At the bottom of the menu are two buttons: "Select" and "Back".

Press 1


A screenshot of a menu titled "AMC". It contains a list of four items: "1 AI", "2 max", "3 AMC", and "4 XXX". The item "3 AMC" is highlighted. At the bottom of the menu are two buttons: "Select" and "Back".


Press 2


A screenshot of a menu titled "Network code". It contains a text input field labeled "MCC / MNC?" with a cursor. At the bottom of the menu are two buttons: "Select" and "Back".



13. Calculator




- This menu allows simple calculations for users.
- Select Calculator on the menu and press the left soft key  (**Select**) to display the following screen.

Statement	
Result	
0	
	
Exe	Back

- Enter the number in the input window.
 - For the navigation key, the Up button is + (plus) and the Down button is - (minus).
 - The left key is X (multiplication) and the right key is / (division).
 - The * (asterisk) button is (+) / (-).
 - The # (hash) button is • (dot).
-
- After you finish entering the numerical expression, press the left soft key  (**OK**) to check the results (=).



14. Solving Problems

- Check these points to ascertain if the phone is broken or not. This way, you can prevent unnecessary wastage of time and money.

Symptoms		How to Solve the Problem
When this message appears on the screen	SIM Invalid	Check whether you have inserted the SIM card in the phone, and whether you have inserted it correctly.
	Enter PIN	PIN is set by the user to prevent others from using this phone. In this case, enter your PIN.
	Enter PUK	This message appears when the PIN is incorrectly entered three times in a row. At this time, enter the PUK you received when you purchased the SIM card in order to use your phone again. If the PUK is incorrectly entered more than 10 times, your SIM card will be permanently blocked, and you need to purchase a new SIM card.
	Message "Searching" is displayed along with "No Network" or  mark.	<ul style="list-style-type: none"> • When this happens in a service area, turn the power off wait 2~3 minutes, and then turn the power on again. • If you are passing through a tunnel or are in a densely built up area, the network signal may be weakened or disconnected. In this case, move to another location and try again. • If this continues for some time without reason, contact the service center nearest you.
You cannot make a call even though you have entered the number and pressed the Send button		<ul style="list-style-type: none"> • Check whether you are in a service area. (If you are not in a service area,  will be displayed on the screen.) • Check whether you have set Outgoing Calls to be barred. If this function is set, you cannot make a call. (You can check All Outgoing menu in the Call Barring menu of the Security menu.)
No incoming calls from others		<ul style="list-style-type: none"> • Check whether you are in a service area. (If you are not in a service area,  will be displayed on the screen.) • Check whether you have set Incoming Calls to be barred. If this function is set, you cannot receive calls. (You can check All Incoming menu in the Call Barring menu of the Security menu.)



15. Emergency Calls

- This is a function that the user can use when in an emergency or dangerous situation. The user can dial "112" wherever they are to make an emergency call.
- Even if your phone is receiving a travelling service in another country, when you dial "112" the network will automatically connect you to the emergency service of that country.
- You can make an emergency call without entering the phone password, even when the Phone Lock is set on your phone.
- You can use the Emergency Call function without entering the PIN even if the PIN is activated on your phone. In this case, when you enter Emergency number ("112"), **Call** will appear in the left soft key.
(If it is not an Emergency Call,  **OK** will appear.)
- You can use this function even if your phone is in SIM Invalid status (No SIM card). When you power on your phone, "SOS" is assigned in the right soft key. If you press the right soft key  (SOS), **Call** will appear in the left soft key.
- You can use this function even if there is no registered network but other networks exist.
- You can use this function even if your phone is currently searching for a registered network.
- You can make an emergency call even if the Call Barring or Fixed Dial No. function is set on your phone.

16. Terminology

- **GSM** (Global System for Mobile Communication)
 - International standard on cellular communication which guarantees compatibility between various network operators. GSM covers many countries in the world, including most European countries.
- **Line identification Services** (Caller ID)
 - This function displays or blocks the phone number of callers.
- **PIN** (Personal Identification Number)
 - A code that prevents others from accessing the users' phone, provided by the service provider along with the SIM card. The user can change the PIN after receiving it from the service provider.
- **PUK** (PIN Unblocking Key)
 - An 8 digit security code which unblocks the phone when the PIN code has been entered incorrectly three times in a row. It is provided by the service provider along with the SIM card. When PUK is entered incorrectly more than 10 times in a row, the SIM is permanently blocked.
- **PIN2**
 - PIN2 is a code to block others from accessing the personal information the user has entered. This code is requested when FDN is set. Like PIN, the user can change this after receiving it from the service provider. However, not all SIM cards have a PIN2.
- **PUK2**
 - PUK2 is an 8 bit code to unblock the phone when the PIN2 has been entered incorrectly three times in a row (like PUK). It is provided by the service provider when you purchase SIM card.
- **FDN** (Fixed Dial Number)
 - This function prohibits the forwarding of messages or outgoing calls except to the numbers that are already designated. When this function is set, the user will be prompted to enter PIN2 when he uses a function affected by FDN.



- **Roaming**

- This function allows the user to use the phone in other countries except the home country. Of course, since this service is not provided in all countries, please contact the service provider in advance for details on which countries this service is available in.

- **Dual Band**

- This function allows the user to operate all GSM networks and DCS. Your phone will automatically use the network with the strongest signal, and the network can be converted while you are making a call if it is within the networks of the same operator.

- **Service Center**

- This number is the number that the user needs to enter in the phone to receive a message service. You cannot receive this service without this number. Contact your service provider to find out this number.

- **SIM (Subscriber Identification Module)**

- This is a card that contains a chip which contains all the information (personal data of the subscriber, network and memory information) required to operate the phone. However, the storage capacity may differ for each SIM card.

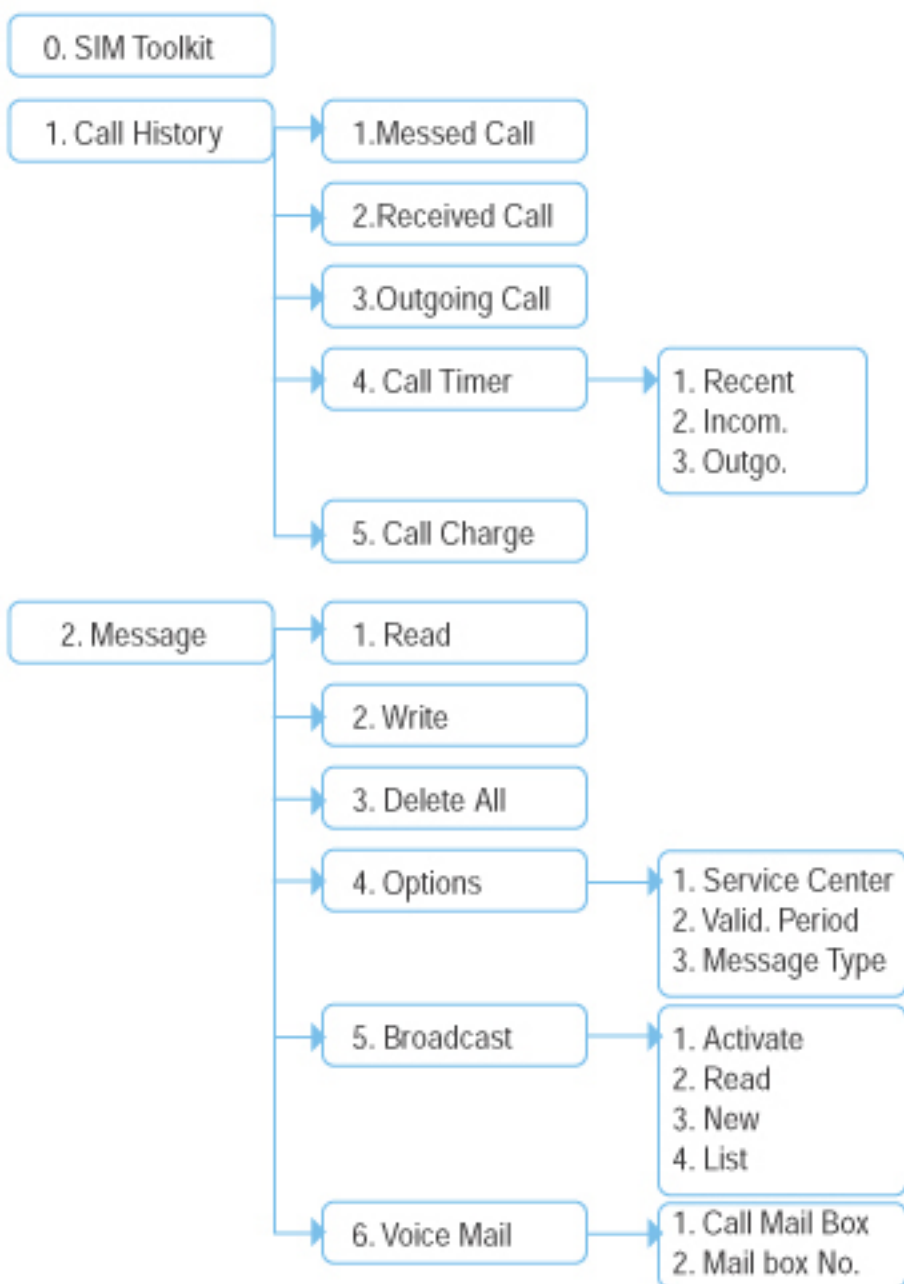
- **SMS (Short Message Service)**

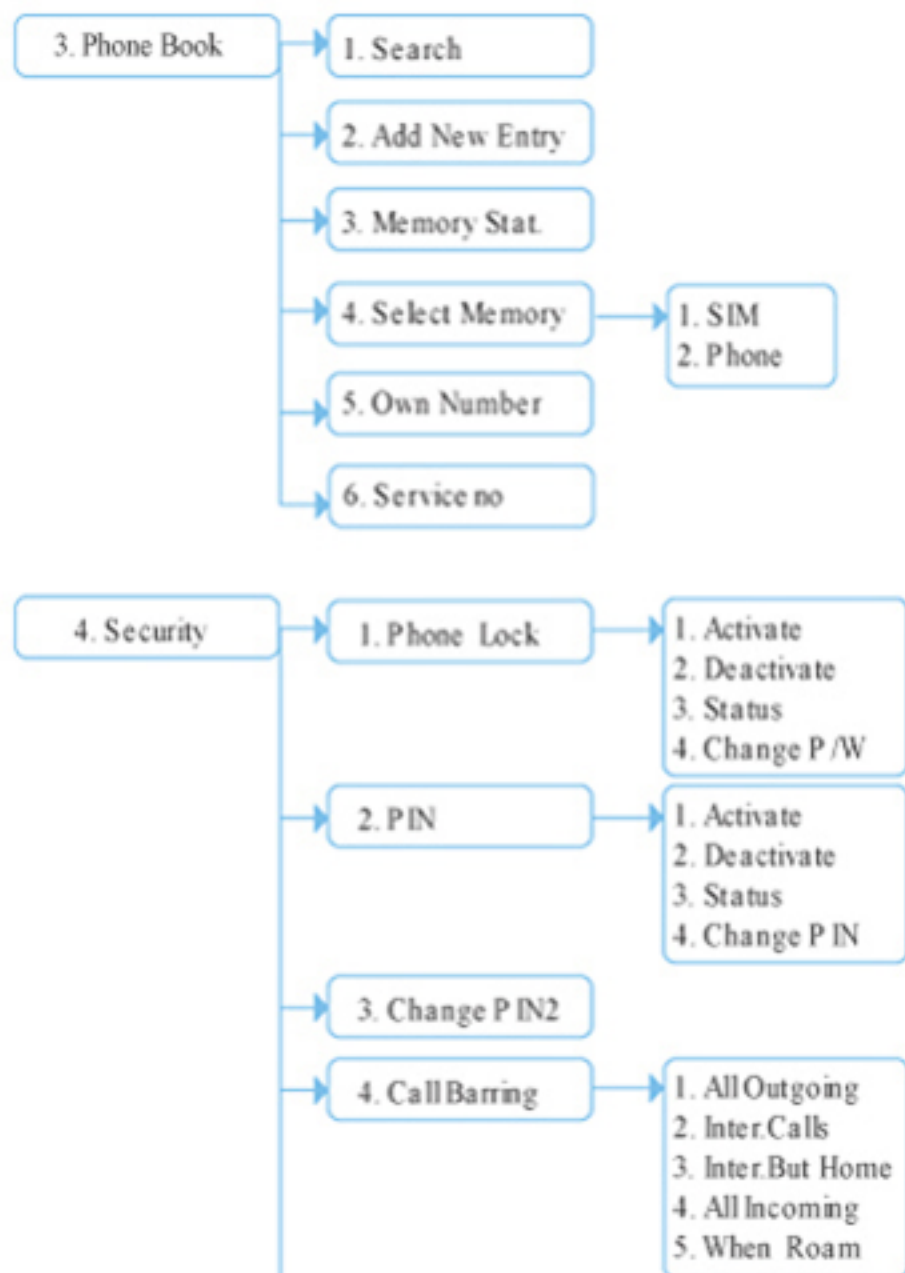
- This is a short message (below 160 characters) service between subscribers.

- **Soft Key**

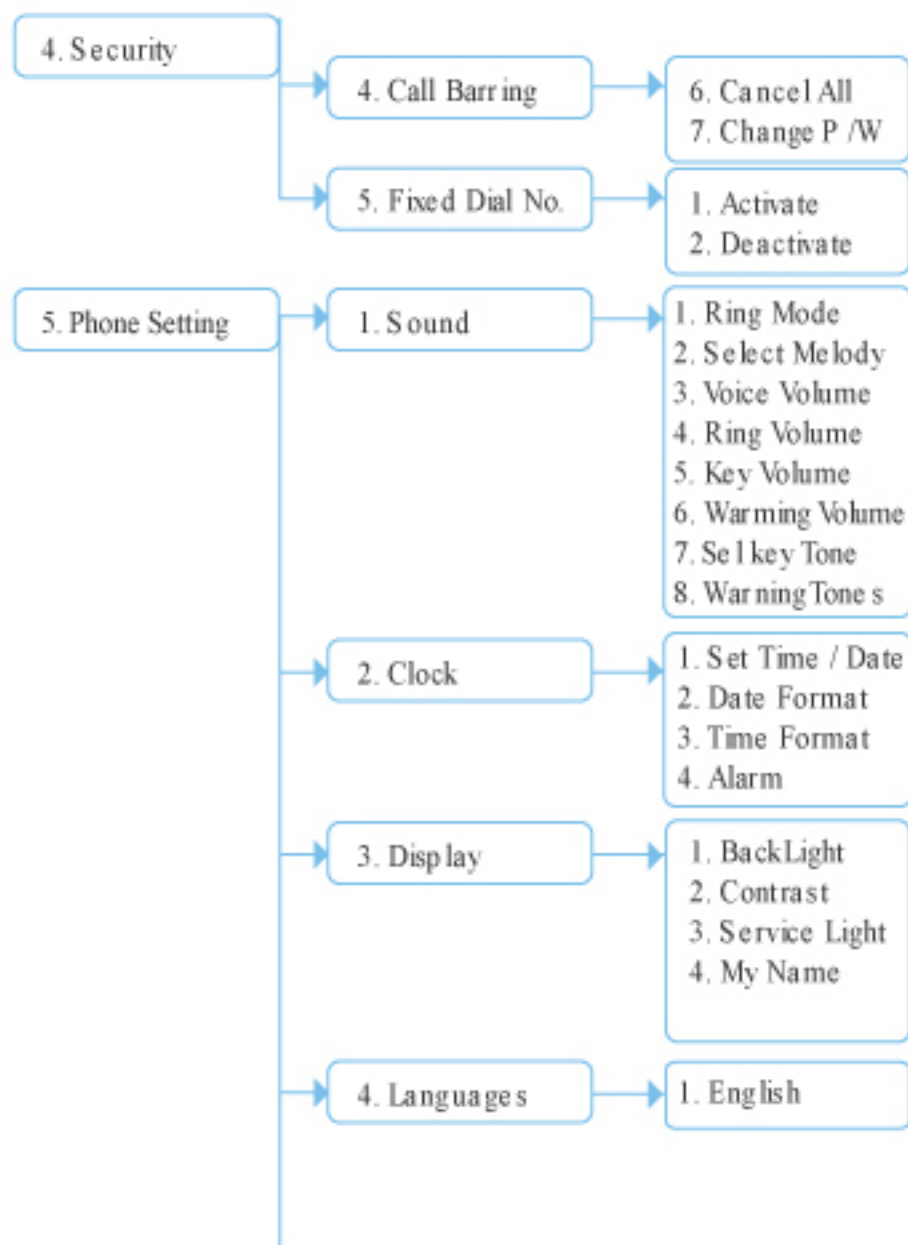
- 2 (•••) keys on the phone and which change depending on the function currently used. Their functions are indicated by messages displayed on the right and left lower parts of screen.

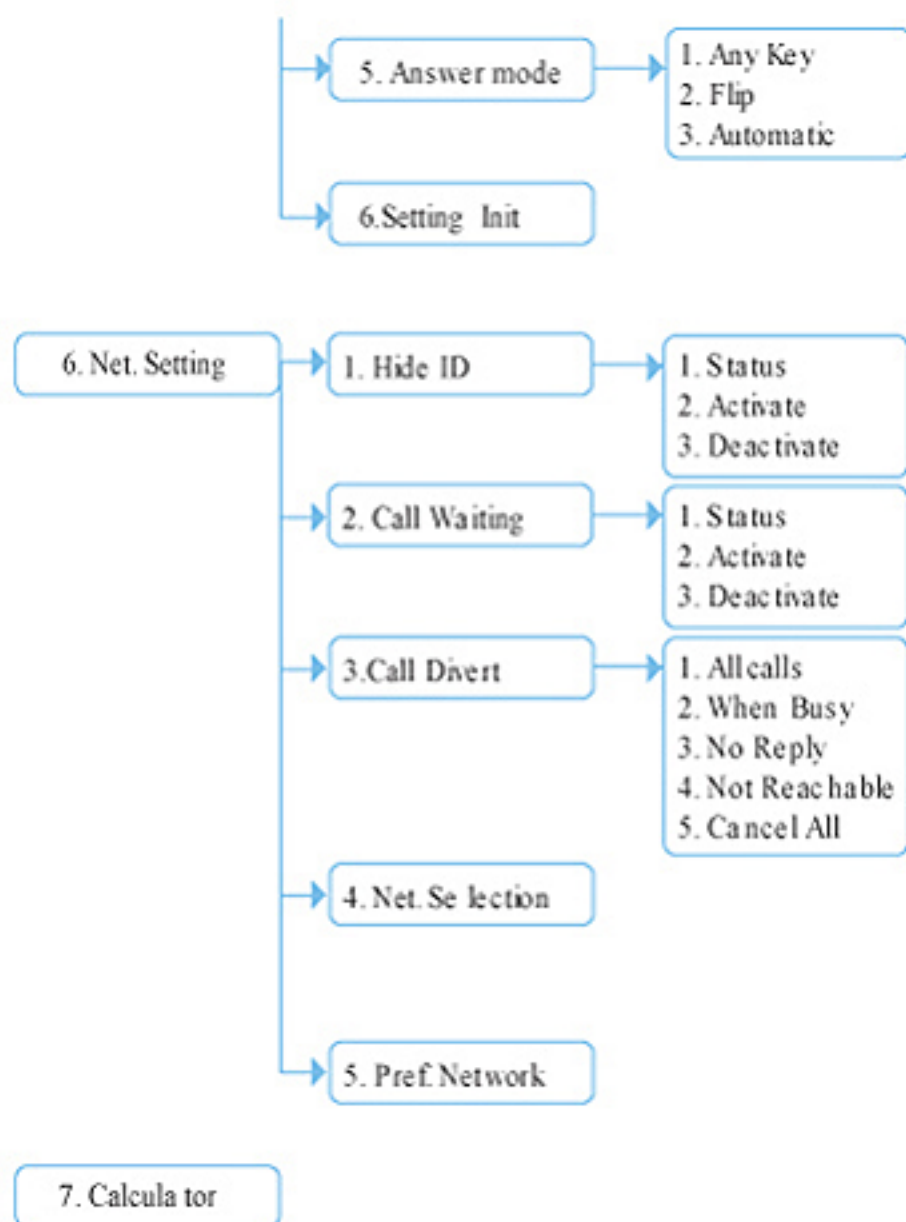
17. Menu Map





17. Menu Map





18. Memo



Quick Reference

When in standby :

Function	Press in sequence
Power On/Off	Press long the Key
Making a Call	Phone Number +
Ending a Call	Press the Key or Close the Flip Cover
Making an Emergency Call	112 +
One-Touch Dialing	Press long the button ~
Dial Phonebook Entry	Left Soft Key + + Select by or +
Dial a location of SIM Phonebook	Location number + +
Redial Last Number	Press long the or +
Enter the Last Dial Number	Press the Key
Enter the Last Received Number List	Press the Navigation Key
Enter the Last Missed Number List	Press the Navigation Key
Manner Mode On/Off	Press the Key for more than 1.5 sec
Adjust Key-tone Volume	Use the Side Keyes to Adjust the Tone