

**SG4000**  
***User's Manual***



**SEWON** TELECOM



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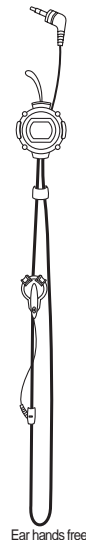
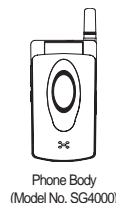
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## 1. Warning

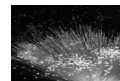
- **Switch off your mobile phone when in an aircraft.**  
- The use of mobile phones in aircraft may endanger the operation of the aircraft due to electric wave interference with the aircraft equipment.
- **Refrain from using your mobile phone in hospitals.**
- **Do not use your mobile phone in places where explosive or inflammable liquids are located.**
- **Do not wipe 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 spilt 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.**

## 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.

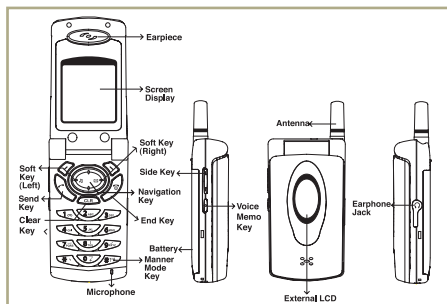


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## 3. Your Phone

### 3-1 Phone Layout



### 3-2 How to Use the Function Buttons

( ) These are Soft keys and are used to select the functions displayed on the lower part of LCD screen.

The left soft key button takes charge of commands shown in the left of the screen, and the right soft key takes charge of commands shown on the right of the screen. There is no fixed function assigned to each key since its function differs depending on the commands shown in 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 the missed call.

() When you press key in standby mode, it shows the received call.

() Used to make a call or to receive an incoming call.

() Delete characters from the display.

() Used to end a call, to cancel a function, and for Power On/Off.

() Can be used to check your voice mail if you hold down the key for a long time.

() Hold it down to enter number with an international access code "+".

() Used to convert to vibration mode.

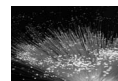
() Used to make a voice memo recording at any time. Simply by pressing and holding the voice memo button.

( ) Used to adjust the keypad volume whilst in standby mode, or to adjust the voice volume when making a call.  
Used to turn on the external LCD light when the folder is closed.

### 3-3 Icon Description

- Shows the intensity of the signal with the number of bars.
- Shows if the phone is diverted.
- Shows if the vibration mode is on.
- Shows that the phone can be used internationally in other countries.
- Shows when a call cannot currently be made.
- Shows when the phone lock function is set.
- Shows when the alarm is set.
- Shows the current status of the battery with the number of bars.
- Shows if there is a new message or an unchecked message.
- Shows when the message box is full.
- Shows when there is a new voice message or an unchecked voice message.

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## 4. Before Use

### 4-1 How to Fit and Remove the Battery and the SIM card

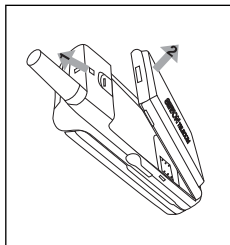
#### • How to Fit and Remove the Battery

##### How to Remove the Battery

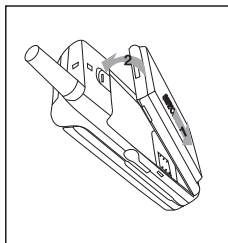
Push the separation button up on the mobile phone in the direction of the arrow (1) and pull the battery out with one hand(2).

##### How to Fit the Battery

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



<How to Remove the Battery>



<How to Fit the Battery>

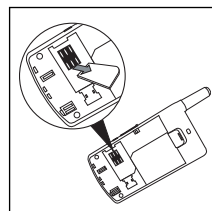
#### • How to Fit and Remove the SIM Card

##### How to Remove the SIM Card

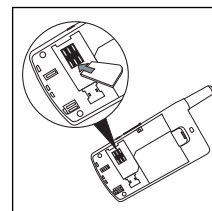
Remove the battery from the mobile phone and push the separation button of the SIM card up to the right, then the SIM card will come out.

##### How to Fit the SIM Card

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

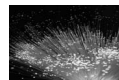


<How to Remove the SIM Card>



<How to Fit the SIM Card>

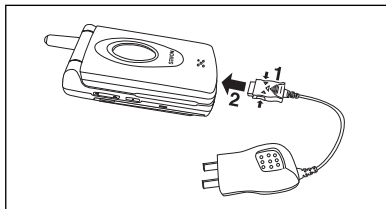
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## 4-2 How to Charge the Battery

- **Connect the adapter to the bottom of your phone.**

(The mobile phone is powered-on automatically when the charger is plugged-in)

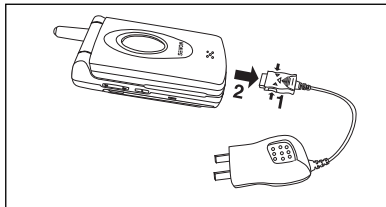


- **Connect the adapter to a standard AC wall outlet.**

(During charging, the message 'charging' will appear on the screen.)

- **When charging is complete, remove the adapter from the phone by pushing both buttons**

(When charging is complete, the status lamp changes color from red to a fluorescent color.)



**Note :** Use the designated charger Only.

The non-approved chargers could result in a fire or injury through electrical shock and will invalidate all warranties given on this product.

## 4-3 Battery Charging Time and Average User Time

- **Battery Charging Time**

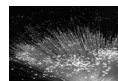
Slim Battery : 1.5 hrs

Standard Battery : 2 hrs

- **Battery Talk-Time and Standby Time**

Status \ Kinds	Slim Type	Standard Type
Talk-Time	199 mins	315 mins
Stand-by Time	76 hrs	129 hrs

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User time was measured based on the standby-time measured in our laboratory.

User time may be shorter depending on the conditions, the degree to which the phone is receiving radio waves, button operation and charging method.

**If the battery is totally flat, it may take a few minutes before the charging indication appears on the display or any calls can be made.**

**Warning :** Before you use the phone for the first time, it is important that you fully (for more than 12 hours) charge the battery.

## 5. Getting Started

### 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 firearms or try to take it apart without qualified assistance.**

Risk of explosion.

- **Do not drop your mobile phone.**

Impact on or dropping your phone may cause problems with the electric cell inside the battery pack, and shorten the battery life.


- **Main body of the mobile phone or the battery has an increased charging efficiency at room temperature.**

- **The mobile phone and the battery have an increased efficiency at 5~45 .**

- **Always store the battery at 5~45 .**

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.

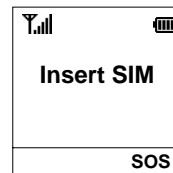
### 5-1 Power On


- Open the flip cover and press the Power Key (  ) for more than 2 seconds.

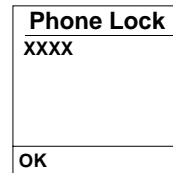
- When the power is on, the following screen will be displayed.



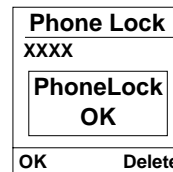
- If there is no SIM card, the following screen will be displayed.



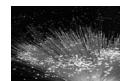
- If you are asked to enter a password in the phone, enter your password and press the left soft button (  ) ( **OK** )




- If your password is correct, the following screen will appear.



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

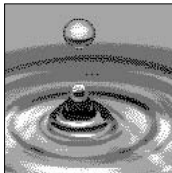
If the PIN number is entered incorrectly three times in a row, you cannot start using the phone.

(Refer to Solving Problems on page 78.)

<b>PIN</b>	
XXXX	
<b>PIN</b>	<b>OK</b>
<b>OK</b>	

## 5-2 Power Off




- Press the End button (  ) for more than 2 seconds.
- Then, the power will turn off after the following screen.




# 6. General Operations

## 6-1 Making a Call





### 6-1-1 Making a Call

- Enter the phone number and press the Send button(  ).
- If you enter a wrong number, press the right soft button(  ) or CLR button (  ) to remove the number.
- Press long Quick dial no(2-9) saved in Phonebook.



### 6-1-2 Ending a Call

- Close the flip cover or press the End button(  ).
- If the caller hangs up first, the call will automatically be terminated.


### 6-1-3 Re-dialing a previously Called Number

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

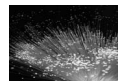
### 6-1-4 Making International Calls

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

### 6-1-5 Making Emergency Calls

- Enter 112 then press the Send button(  ).

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## 6-2 Receiving a call

### 6-2-1 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 button (  ) or the left soft button (  ) to answer the call)

#### • Two Call Mode



Press Send button (  ), then display the two menu items.

1. End Activated
2. End Held

Press (  ), activated call is ended, and accept new call.

Press (  ), held call is ended, and accept new call.

### 6-2-2 Rejecting a Call

- Close the flip cover or press the end button (  ) or the right soft button (  ) to reject the call.
- Press long on the side key to (Reject) the call without opening the folder.

When you are making a call, 'Option' appears in the left soft key.  
Press this key to use the ongoing call menu. The shape of 'Option' is up to the number of person (2 or over 3 persons).

### 6-2-3 Speaking between two people or Speaking with more than three people

- Names : Directly move to the phonebook so that you can immediately save the phone number of 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 DTMP tones.

### 6-2-4 You can see also following list when you are speaking with more than three people

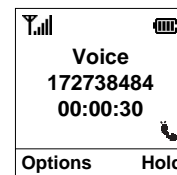
- Conf. Call : Make conference call.
- Private Call : Make to separate an
- Swap : Allow you to switch between the active call and call that is on hold.
- End all : This option will terminate all connected calls.

## 6-3 Adjust the Volume



### 6-3-1 Adjusting the listening volume

- If your voice is too loud or too quite during a call, you can adjust the voice volume using the Side button (  ).

Refer to Ringer and Sound Setting on page 22 for more details on volume adjustment.

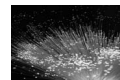


### 6-3-2 Mute the Microphone

- When you press the (  ) button, mute the Microphone of your phone.
- When you press the (  ) button once again, unmute the Microphone.


To Mute the Microphone is also available on options during call.

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## 6-4 Manner Mode

- Quickly changes the ring to vibration mode, so as not to inconvenience others in public places or during meetings.

1. Press the (  ) button (for more than 2 seconds).

When the phone is automatically changed to vibration mode, the icon will be displayed in the upper part of screen.

2. Press the (  ) button (for more than 2 seconds) once again to cancel the vibration function.

Vibration function will be canceled when the icon disappears from the screen.

If you want to set '1.SOUND' Menu , you must to cancel Manner Mode.

## 6-5 How to Use the Earphone

- When making a call with the earphone.

Insert the jack of the earphone into the mobile phone.

Open the flip cover, enter the phone number and press the Send button to make a call

- When receiving a call with the earphone

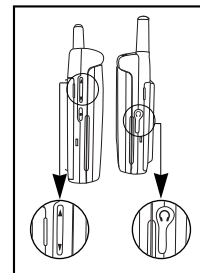
1. Accept the call

Press the Push button of the earphone for more than 1 second to receive a call

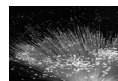
Press the side button key to receive a call with not a open folder.

2. Reject the call

Press long the side button 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.



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## 7. Main Menu

### 7-1 SIM Toolkit

- Sewon mobile phones support the SIM Toolkit function required by most common applications.

#### 7-1-1 Setup Menu

- Please insert the SIM card and start your mobile phone. If the SIM card comes with a SIM Toolkit menu, a new entry is added in the main menu as 'SIM Tool Kit'

#### 7-1-2 Menu Selection/Select Item

- The SIM Toolkit command 'Menu Selection' will display SIM card menu items in the same format as the other phone menus.

#### 7-1-3 Display Text

- The 'Display Text' command can be executed by displaying an information screen with the text contained in the command. Pressing any key will remove the screen. This command will be ignored if the phone is in a menu (Except for the SIM Toolkit menu)

#### 7-1-4 Call Control

- If call control is requested by the SIM card, all user entered outgoing calls, SMS and SS/USSD strings are passed to the SIM card and not executed directly. The SIM can modify the user's request to any other - in the form of a Set-up call/send SMS/send SS-string command or ignore the request

#### 7-1-5 Set Up Call

- The Set-up Call command will initiate a call. The user has no control over the number, SMS or string sent and will not see its contents however, the user will see the usual set-up and in-progress screens associated with the call, SMS or string. This command will be ignored if the phone is in a menu (except for the SIM Toolkit Menu)

#### 7-1-6 Send Short Message

- The 'Send Short Message' function will send the message supplied by the SIM to the network. The user is not informed of this operation as it is taking place.

#### 7-1-7 Send SS

- The 'Send SS' command will send the SS or USSD string specified in the command to the network. Again, the user is not informed of this operation as it is taking place.

#### 7-1-8 Get Inkey

- The 'Get Inkey' command causes an entry screen to be opened, in the same manner as any other editor in the phone, with a prompt specified in the command. However for this command a complete string can be entered. The phone then forwards the next key pressed to the SIM card, and returns to its previous screen. This command will be ignored if the phone is in a menu (except for the SIM Toolkit Menu)

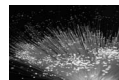
#### 7-1-9 Get Input

- The 'Get Input' command also opens an entry screen with a prompt specified in the command. However for this command a complete string can be entered. The string is only forwarded to the SIM when the left soft-key 'OK' is pressed. This command will be ignored if the phone is in a menu (except for the SIM Toolkit menu)

#### 7-1-10 Play Tone

- The 'Play Tone' command will play a short beep and if any information string is supplied in the command it will open an information screen with the specified string. The string will remain on the display until a key is pressed or until there is a period of inactivity and it times out. This command will be executed from any phone state (including menus etc).

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However, any information display will be delayed until the phone returns to the idle screen.

## 7-1-11 Download

- The download command transfers data to the SIM without indication to the user.

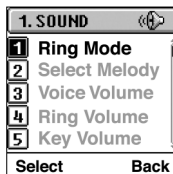
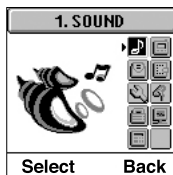
## 7-2 Sounds

- This menu set the Sound mode. (Ring Mode, Select Melody, Voice Volume Etc.)

Press the right soft button to select the Sound in standby mode.

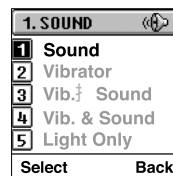
Select "1.SOUND" Menu from the Main Menu and press the left soft button to display the following submenu.

If you want to set "1.SOUND" Menu, you must to cancel Manner Mode.



## 7-2-1 Ring Mode

- This menu allows you to indicate how you are to be informed of any incoming calls.
- This is a menu to select the Sound/Vibrator/Vib → Sound/Vib.&Sound/Light Only.
- Use the navigation button to select the "Ring Mode" submenu. Then press the left soft button.



### 1-1 Sound

Select Sound Mode with the Navigation button in the left soft button, and press the left soft button.

### 1-2 Vibrator

Select Vibrator Mode with the Navigation button in the left soft button, and press the left soft button.

### 1-3 Vib. Sound

Select Vibrator Sound Mode with the Navigation button in the left soft button, and press the left soft button.

### 1-4 Vib. & Sound

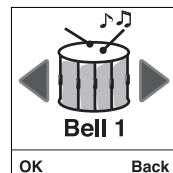
Select Vibrator & Ring Mode with the Navigation button in the left soft button, and press the left soft button.

### 1-5 Light Only

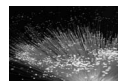
Select light with the Navigation button in the left soft button, and press the left soft button.

## 7-2-2 Select Melody

- This is a menu to select the kind of melody.
- Use the navigation button to select the "Select Melody" submenu. Then press the left soft button.




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- Select the melody and press the left soft button.
- You can play the melody when a melody is selected.


### 7-2-3 Voice Volume

- This is a menu to adjust the Voice Volume.
- Use the navigation button to select the "Voice Volume" submenu . Then press the left soft button.
- Use the Navigation (  ) button to adjust volume.  
Use the side buttons to adjust voice volume during a call.  
Maximum Voice volume is level 7.


### 7-2-4 Ring Volume

- This is a menu to adjust the Ring Volume when receiving a call.
- Use the navigation button to select the "Ring Volume" submenu . Then press the left soft button.
- Use the Navigation (  ) button to adjust volume.  
Maximum Ring volume is level 7.

### 7-2-5 Key Volume

- This is a menu to adjust the Key Tone Volume of the phone when you press any button.
- Use the navigation button to select the "Key Volume" submenu . Then press the left soft button.
- Use the Navigation (  ) button to adjust volume.  
Maximum Ring volume is level 7.

### 7-2-6 Warning Vol.

- This is a menu to adjust the Warning Volume of Warning Tone for SMS,Cell Broad and Net. Found.
- Use the Navigation (  ) button to adjust volume.  
Maximum Ring volume is level 5.

### 7-2-7 Sel. Key Tone

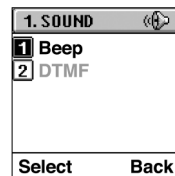
- This menu selects the type of key tone the phonemakes when you press a button.

#### 7-1. Beep

Whenever you press each key, makes the same sound.(Beep sound)

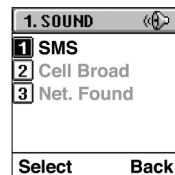
#### 7-2. DTMF

Whenever you press each key, makes a different sound.(DTMF sound)

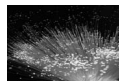


### 7-2-8 Warning Tones

- This menu allows you to indicate how you are to be informed of SMS,Cell Broad and Net. Found.
- SMS, Cell Broad have Sub Menu such as Sound, Vibrator.
- cell broad and Net. Found have Snb Menu such as On, Off.

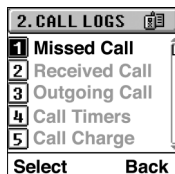
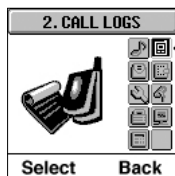


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## 7-3 Call Logs

- This menu display and saves all call records.
- Press the right soft button to select the Call Logs in standby mode.
- Select “2. CALL LOG” Menu from the Main Menu and press the left soft button to display the following submenu.



### 7-3-1 Missed Call

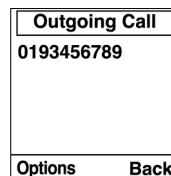
- This displays the numbers or names of the last 20 missed calls on the screen.
- Press the up key of the navigation button to display the missed call list when on standby.

### 7-3-2 Received Call

- This displays the numbers or names of the last 20 received calls on the screen.
- Press the down key of the navigation button to display the received call list when on standby.

### 7-3-3 Outgoing Call

- This displays the numbers or names of the last 20 outgoing calls on the screen.
- Press the send key to display the outgoing call list when on standby.
- Select one of the above three menus and press the left soft key to see more details.
- Select one from the displayed list and press the left soft key to display the following menu on the screen:



3-1 Details : Displays the time, group, group Led, and date.

3-2 Save : Stores the selected phone numbers in the phonebook. Follow the same instructions as for the Phonebook.

Refer to the Phonebook instructions on 72 page for more details.

3-3 Send Message : Sends the message to the selected number.

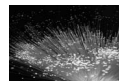
Refer to the Message instructions on 31 page for more detail.

3-4 Delete : Deletes the selected number from the list.

3-5 Delete all : Deletes all the Outgoing List.



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### 7-3-4 Call Timers

- This option displays the duration of the calls made.
- Select this menu and press the left soft key to display the three functions shown below. Press the right soft key to reset.

Press the left soft key to erase all entries when you see

"Press OK to Reset"

Recent : Displays the total duration of the last call.

Incoming : Displays the total duration of outgoing calls up to the present.

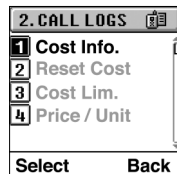
Outgoing : Displays the total duration of incoming calls up to the present.

### 7-3-5 Call Charge

- This displays the current status of your phone bill based on call duration.
- Some list on Call Charge require PIN2. If PIN2 is entered incorrectly three times in row, you cannot start these functions. Refer to solving Problems on page 78 to solve this problem.

#### 5-1. Cost Info.

This displays the current status of your phone bill and the remaining time until your next payment.



Last Cost: The cost for the last phone call.

Used Cost: The cost for the calls made up to present.

Max Cost: Maximum call time available with remaining balance

Remains: Remaining balance

You need to reset the phone in order to make calls when there is no balance for the Cost.

#### 5-2. Reset Cost

This resets the current balance status to 0.

The user must supply the PIN2 in order to use this function.

#### 5-3. Cost Limit

This allows the user to set the maximum balance for the call rate.

Select this menu and press the left soft key. Then, a message will appear requesting your PIN2 on the screen.

Enter the PIN2 on the screen and press the left soft key

A screen will appear where you can enter your Max Credit.

Enter the new Max Credit here and press the left soft key to complete your new Max Credit.

You can confirm the change of the Max Credit amount by checking the Charge Info display

If the incorrect PIN2 is entered three times in a row, you cannot start this function. Refer to Solving Problems on page 78 to solve this problem.

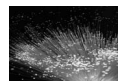
#### 5-4. Price /Unit

This sets your call costs and the cost of each unit.

You must enter your PIN2 in this menu also.

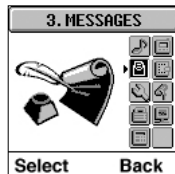
Note : This call charge service may not be available on all networks.

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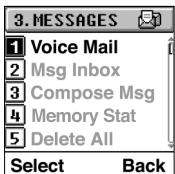
## 7-4 Messages

- Your phone can receive voice mail and SMS (Short Message Service) message.
- When you see ( ) icon appears, you have received new text message(SMS).
- If you set incoming tone of SMS, refer to Page 25, Warning Tones.
- Press the right soft button to select the Message in standby mode.
- You can also use the Navigation button( )
- Select "3.MESSAGE" Menu from the Main Menu and press the left soft button to display the following submenu.



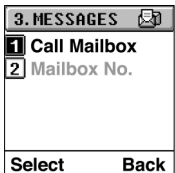
### 7-4-1 Voice Mail

- This plays any received voice messages.
- Select Voice mail from the Message submenu and press the left soft button.



### 1-1 Call Mailbox

Users can check any voice messages that have been received using this menu. If the user's phone number is not registered in the mailbox, enter the phone number from this menu and use the left soft button to play the received voice messages.

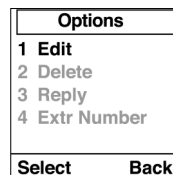
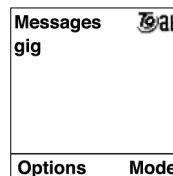


### 1-2. Mailbox No.

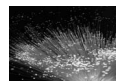
This menu saves the number of the voice mail box where you can check your voice message. If you save the number in this menu, you don't have to enter the number again when checking your voice messages from the Call Mail Box menu.

### 7-4-2 Message Inbox

- This displays any received text messages.
- Use the Navigation button ( ) to select Msg Inbox and press the left soft button (Select).
- Select the text message and press the left soft key to view.
- Press the left soft button to write or edit the text message.
- 2-1 Edit : Edits the text message.
- 2-2 Delete : Deletes checked messages.
- 2-3 Reply : Sends a reply to a received message.  
(When you select the menu, it directs you to the WRITE Mode)
- 2-4 Extract Number : Displays the phone number of the sender.



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If the name of the sender of the message is saved in the Phone Book, the name of the sender and phone number will appear on the screen.

When you receive a message in standby mode, (READ) will appear in the left soft key of the phone. Press Read to check an incoming message.

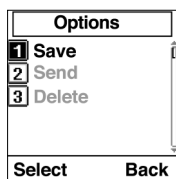
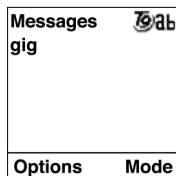
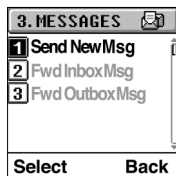
## 7-4-3 Compose Message

### 3-1. Send New Message


Use the Navigation button (  ) to select Send New Message and press the left soft button (Select).

Create a new message  
Press the left soft button(option)  
Select the Send and press the left soft button(Select).

Enter the phone number and  
press the left soft key.



### 3-2. Fwd Inbox Message

Use the Navigation button (  ) to select Fwd Inbox Message and press the left soft button (Select).

Select the message you wish to forward and press the left soft button (Select) to view the message.


After completing any editing, press the left soft button.

Select Send and press the left soft button(Select).

Enter the phone number and press the left soft button.

When selecting messages, use the CLR Key to delete the message.

### 3-3. Fwd Outbox Message

Use the Navigation button (  ) to select the Fwd Outbox Message and press the left soft button.

Select the message you wish to forward and press the left soft button to view the message.

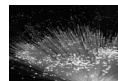
After completing any editing, press the left soft button.

Select the Send and press the left soft button(Select).

Enter the phone number and press the left soft button.

When selecting messages, use the CLR Key to delete the message.

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### 3-4 How to Use Text Messaging

Key	UpperCase Mode	LowerCase Mode
1	1_? ! , . : ; " ' ( ) @ ¢ ¡	
2	A B C 2 Ä Å Æ	a b c 2 ä å æ ç
3	D E F 3 É	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 Ö Ø	m n o 6 ñ ö ø
7	P Q R S 7	p q r s 7 ß
8	T U V 8 Ü	t u v 8 ü ù
9	W X Y Z 9	w x y z 9
0	O & % £ ¥ # \$ § + - * / < > =	



### 3-5 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)

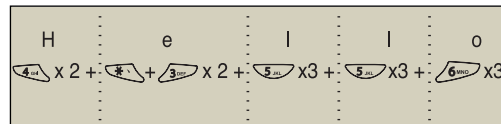
Try out other keys.

Now, try making a sentence.

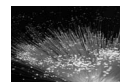
Compose the sentence below.

< Example > Hello

1. Press the following buttons to compose this example sentence.
2. Hello



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







### 3-6 How to Enter English Characters (T9 Type)

This phone supports the T9 type for English input type. You can easily and conveniently compose an English message with the T9 type.

As you see in the figure above, each key is assigned 3 ~4 English characters.

The T9 type is not a type which directly finds and enters the characters, but is a type which mixes the characters in the phone itself and shows them on the screen.

Then, let's make a word.

- Let's make the sentence "I love you".
- First, press the (  ) button to display upper case I.  
(Press the (  ) button to convert upper case to lower case, and vice versa, as in the normal way of entering characters.)
- Press the (  ) button, which the character I is assigned to.
- Then, the character I will be displayed on the screen.  
(The reason why the character I comes first, despite the fact that it is in the third place on the number 4, is that character I can be used as one word.)
- Then, press the (  ) button to enter a space.
- Press the (  ) button to bring up the I character again.
- Successively press the (  ) button, (  ) button, and (  ) button in that order.
- Then, press the (  ) button to enter a space.
- Press the (  ) button, (  ) button, and (  ) button in that order.
- Press the buttons in the order described, and check the screen to see the process where the phone makes the word by itself.












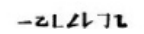
### 3-7 How to Enter Chinese Characters

#### • Stroke Mode

T9 characters are used to enter Chinese characters.

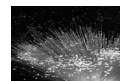
Enter Chinese characters using 5 keys and ?

Keys as shown in the below table.




Input Key	Character that the input key represents
(Horizontal stroke) 	
(Vertical stroke) 	
(Left-Sloping stroke) 	
(Right-Sloping/dot stroke) 	
(Turning stroke) 	
 (Wild card used when a user is unsure of the proper stroke order)	

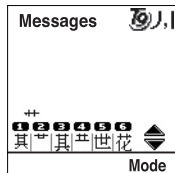
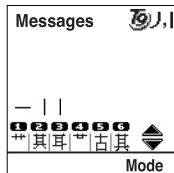
The phone will search for characters with the same number of strokes as the number of. When you press the ? Key once, it will search for characters starting with 1 stroke. If you press the ? Key two times, it will search for characters starting with 2 strokes. Now, let's enter the characters, referring to the table shown above.

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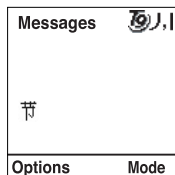
### • Fox example, to type the phrase

Enter Strokes : At the beginning of a new message (press and hold clear key (  ) the previous message if necessary), press the keys corresponding to the character's component strokes.  
Strokes are displayed in the Keystroke Area.  
Component and character choices appear under numbers in the Character List. In a new message, press the keys  .




### • Select a Component


press (  ) to select the first component of "jie."



### • Enter a Stroke

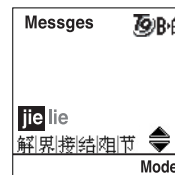
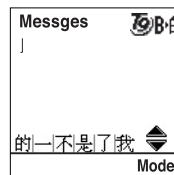
Press (  ).

### • Enter a Stroke




Press (  ).

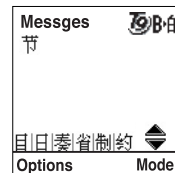
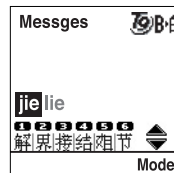
### • Pinyin Mode

In Pinyin, the pronunciation of Chinese characters is translated using the Roman alphabet. T9 Chinese Text Input enables you to enter Pinyin syllables using the telephone keypad without multi-tapping. As you type, T9 text input compares your key presses to the database and identifies possible Pinyin syllables and provides a list of the potential character candidates from which the desired character be easily selected.




### 1.Begin Typing


To type a character, press keys corresponding to the Roman letters of the phonetic spelling.  
In a new message, press the keys (    ).



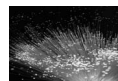
### 2.Select a Syllable

Press(  )to select "jie" display index numbers over the selection list.

### 3.Select a Character

To select the character, press(  ).

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#### • Bopomofo Mode

- T9 Bopomofo mode provides the ability to input Traditional Chinese characters by entering the phonetic spelling of the character.

'1' ~ '9', '\*', '#' : Spell a Character.

The following is the key mapping table.

1	ㄅㄆㄇ	2	ㄅㄆㄇ	3	ㄅㄆㄇ
4	ㄅㄆㄇ	5	ㄅㄆㄇ	6	ㄅㄆㄇ
7	ㄅㄆㄇ	8	ㄅㄆㄇ	9	ㄅㄆㄇ
*	ㄅㄆㄇ	0	ㄅㄆㄇ	#	ㄅㄆㄇ

'1' ~ '6' : Choose a character.

Send key : display index numbers for charcter selections.

Up, Down navigation : Disply the previous or next candidate selection list.

#### • How to Enter T9 Bopomofo Characters

Press keys 1 through 9, \* and # to spell syllables and phrases.

Press left and right arrow keys to highlight spelling and display character selections.

Press the Send key to display index.

Press keys 1 through 6 to choose a character.


#### 7-4-4 Memory Status

- This Menu displays the current SMS memory status.
- You can check how many SMS are stored in the SIM.

Each SIM card has a different storage capacity.

Refer to your services operator for details of storage capacity.

#### 7-4-5 Delete All

- This deletes all messages at once.
- Use the Navigation button( ) to select Delete All and press the left soft button.

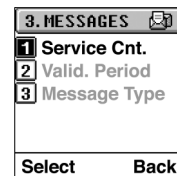
The message "Delete all?" will appear on the screen.

Press the right soft button (Back) to return to the message submenu.

Press the left soft button (OK) to delete the messages saved in the SIM card.

#### 7-4-6 Options

- This menu sets the text receiving/sending function.
- Use the Navigation button to select the option and press the left soft button.



##### 6-1. Service Center

- An SMS Center Number is required to send messages. Please ask your service provider for this service.

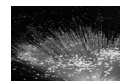
##### 6-2. Validity Period

- This sets the duration of any messages that are stored at the Service center. This time period can be adjusted on an hourly, daily, weekly, monthly and even yearly basis. After the validity period, the Service center deletes the messages.

##### 6-3. Message Type

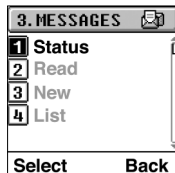
- This sets the message type. The available choices are; E-mail, Fax Group3, Fax Group4, Voice, ERMES Pager, Other Pager and GSM mobile. After selecting the message type, it is then converted to the appropriate network message type.

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### 7-4-7 Broadcast

- Broadcast: used when receiving information from your service provider by SMS.
- Use the Navigation button to select Broadcast and press the left soft button(Select).



#### 7-1. Status

- This sets Reception to either On or Off. When the reception mode is on, broadcast message can be received. If the reception mode is off, broadcast messages cannot be received. In this mode, the battery duration will last longer. The default mode for this is with reception off.

#### 7-2. Read

- This displays the title of the most recent received messages. Use the Navigation button to select the message then press the select key to view the entire message.

#### 7-3. New

- This function stores new three digit channels. Maximum SIM storage only allows 20 channels to be stored.

#### 7-4. List

- This displays any registered channels. Select channels then press the left soft button to delete the broadcast topics.

## 7-5 Scheduler

- This menu set SCHEDULER, To Do List, Reminder, Reserved Call.
- The Scheduler helps you to keep track of reminders, calls that you need to make, To do list or Event.
- Your phone alarm rings or call when you set for Event.
- Select "4.SCHEDULE" Menu from the Main Menu and press the left soft button to display the following submenu.

- How to select a date from the Calendar.

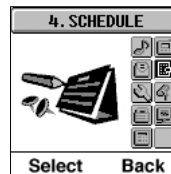
Use keys 1 and 3 to select the year.

Use keys 7 and 9 to select the month

Use the direction keys to select the date

The selected date will be shaded as you move the cursor.

Scheduled dates will be shown darker than the other dates without any schedules.



### 7-5-1 View

- Select View from the menu.
- Select the date from the Calendar (Scheduled date will have an icon above the soft key.) [Feature 1]
- The schedule will be displayed in chronological order. [Feature 2]
- A message will be displayed if there is no schedule on that date. [Feature 3]

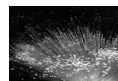
#### [Feature 1] Calendar

- Use the navigation buttons or number keys to select the date.
- Select: if the selected date has schedule entries, refer to [Feature 2]. If no schedule is stored, refer to [Feature 3].
- Back: Returns to previous of the menu.
- End-key: returns to Standby mode.




[Feature 1] Calendar

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**[Feature 2] Schedule entry**

- 1) Use the Up/Down key to select an event.
- 2) View: Moves to [Feature 4] to view the events in detail.
- 3) Back: Returns to [Feature 1].
- 4) Events are shown with three types of icons (To Do List, Reminder, and Reserved Call).

15/04/2002	
1 Birthday	
View Back	

[Feature 2] Schedule entry

**[Feature 3] No Schedule**

- 1) Add: Moves to [Feature 6] to add events.
- 2) Back: Returns to [Feature 1].

Empty List	
Add	Back

[Feature 3] No Schedule

**[Feature 4] View the events in detail**

- 1) Edit: Moves to [Feature 7] for To Do List, Moves to [Feature 9] for Reminder and [Feature 11] for Reserved Call.
- 2) Delete: Moves to [Feature 5].

To Do List	
15/04/2002	
16:00	
Meeting	
Edit	Delete

Reminder	
15/04/2002	
15:30	
Birthday	
Edit	Delete

Reserved Call	
15/04/2002	
15:30	
Jeong	
0123456789	
Edit	Delete

[Feature 4] View the events in detail

**[Feature 5] Deletes the selected events**

- 1) OK: Deletes the current event and returns to [Feature 1].
- 2) Cancel: Dialog box disappears and returns to [Feature 4].

To Do List	
Press ok to Delete	
OK	Cancel

[Feature 5] Deletes the selected events

**7-5-2 Add Events**

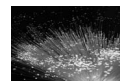
- Categorizes the events according to type.
- Select Add New Menu  
Select a date from the Calendar [Feature 1]  
Select the event type from To Do List/Reminder/Reserved Call [Feature 6]  
Enter and then save

**[Feature 6] Options menu**

- 1) Select: Moves to the selected list. [Feature 7] for To Do List, [Feature 9] for Reminder and [Feature 11] for Reserved Call.
- 2) Back: Returns to [Feature 1].

Options	
1 To Do List	
2 Reminder	
3 Reserved Call	
Select	Back

[Feature 6] Options menu

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## 2-1. To Do List

### [Feature 7] To Do List - Enter Contents

- 1) Next : Move the cursor to set the time. Moves to [Feature 8]
- 2) Mode : Change the text input mode.
- 3) Clear-Key : Deletes the contents.
- 4) End-Key : Returns to [Feature 6]

To Do List	
15/04/2002	9:00
Meeting	
00:00	
Next	Mode
[Feature 7] To Do List - Enter Contents	

### [Feature 8] To Do List - Set Time

- 1) OK: if the events are within 24 hours the contents are stored in the schedule.
- 2) Back: Returns to [Feature 6].
- 3) Up-Key: Moves the cursor to allow the typing of any content. Move to [Feature 7].
- 4) Time is displayed in a 24 hours format.

To Do List	
15/04/2002	
Meeting	
13:00	
OK	Back
[Feature 8] To Do List - Set Time	

## 2-2. Reminder

### [Feature 9] Reminder - Enter Contents

- 1) Next : Moves the cursor to set time. Moves to [Feature 10]
- 2) Mode : Change the text input mode.
- 3) Clear-Key : Deletes the contents.
- 4) End-Key : Returns to [Feature 6]

Reminder	
15/04/2002	9:00
Birthday	
00:00	
Next	Mode
[Feature 9] Reminder - Type Contents	

### [Feature 10] Reminder - Set Time

- 1) OK : if the events are within 24 hours the contents are stored in the schedule.
- 2) Back : Returns to [Feature 6].
- 3) Up-key : Moves the cursor to allow the typing of any content. Move to [Feature 9]
- 4) Time is displayed in a 24 hours format.

Reminder	
15/04/2002	
Birthday	
12:00	
OK	Back
[Feature 10] Reminder - Set Time	

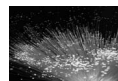
## 2-3. Reserved Call

### [Feature 11] Enter new Reserved Call- Number

- 1) Next : Moves the cursor to enter a time.
- 2) Back : Returns to previous menu.
- 3) Clear-Key : Deletes the contents.

Reserved Call	
15/04/2002	
012345	
00:00	
Next	Back
[Feature 11] Enter new Reserved Call- Time	

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### [Feature 12] Enter new Reserved Call - Time

- 1) Next : Moves next menu to enter Contents.
- 2) Back : Returns to previous menu.
- 3) Up-Navigation : Move the cursor to enter a number.

<b>Reserved Call</b>	
012345	
12:00	
<b>Next</b>	<b>Back</b>

[Feature 12] Enter new Reserved Call - Time

### [Feature 13] Enter new Reserved Call- Contents

- 1) You can enter Contents for Reserved calling.
- 2) OK: Save to Scheduler.
- 3) Mode : Change the text input mode.
- 4) Clear-Key : Deletes the contents.

<b>Reserved Call</b>	
<b>Contents :</b>	abc
OK Mode	

[Feature 13] Enter new Reserved Call- Contents

If an error has occurred when saving reserved calls to the Scheduler or when the time was set incorrectly or its contents were not entered, the cursor moves to the screen where the error has occurred. You may enter the data correctly and save again.

<b>To Do List</b>	
Saved	
<b>OK</b>	<b>Back</b>

[Feature 14]

### 7-5-3 Delete Old

- This deletes the old schedules. [Feature 15]

- 1) OK : Deletes old schedules at once.
- 2) Cancel: Returns to the previous menu.

<b>Press OK to erase old events</b>	
<b>OK</b>	<b>Cancel</b>

[Feature 15]

### 7-5-4 Delete All

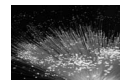
- This deletes entire schedules. [Feature 16]

- 1) OK: Deletes the entire schedule.
- 2) Cancel: Returns to previous menu.

<b>Press OK to erase all events</b>	
<b>OK</b>	<b>Cancel</b>

[Feature 16]

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## General Storage Capacity and Writing Method

### 1. Save and Write

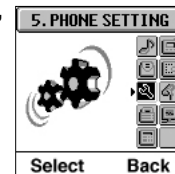
- 1) Per day: 10 entries.
- 2) Capacity: To Do List, Reminder,  
Reserved Call can be saved. (Total number of 60 entries.)
- 3) Maximum number of characters: Alphabet- 16, Chinese- 7,  
Both- 7 For Reserved Calls: 20 digits
- 4) Set Time: Time is displayed in a 24 hours format.

### 2. Others

- 1) If the Soft Keys do not have a Back button, press the END key to go to the previous menu instead of returning to standby mode.

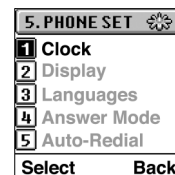
## 7-6 Phone Setting

- This menu set Clock, Display, Languages, Answer Mode, Auto-Redial.
- Select "5. PHONE SETTING" Menu from the Main Menu and press the left soft button to display the following submenu.



### 7-6-1 Clock

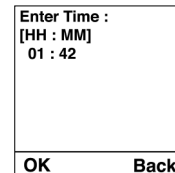
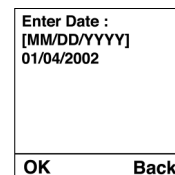
- This sets current time or alarm.  
Press the menu button to select the Phone Setting menu and press the left soft button. Select Clock from the Phone Setting submenu and press the left soft button.



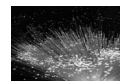
### 1-1. Set Time/Date

- This sets the current date and time.  
The following display will appear when Time/Date menu is selected.

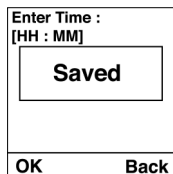
Enter the data in mo/day/yr  
and press the left soft button.



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Notice: Range of years is from 2000 to 2079  
Set the hour and then minute.  
Press the left soft button.  
"Saved" will appear on the screen to confirm that the time has been reset.

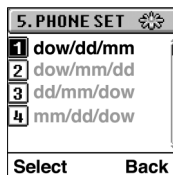


### Warning

If you do not charge the battery within 10 hours after the power is turned off when the battery is depleted or if you remove the battery longer than 30 minutes the time set may be deleted.  
Do not pull out the battery before turning off the phone.  
It reduces the life of the battery.

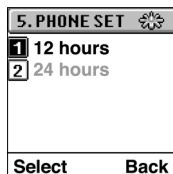
### 1-2. Date Format

- Set to display the Date format.
- Select the Date Format menu from the Clock sub menu and press the left soft key 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



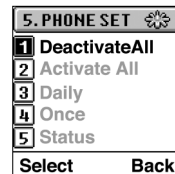
### 1-3. Time Format

- This selects the time display type to either the 12 or 24-hour format.
- Select the Time Format menu from the Clock sub menu and press the left soft key. to display the following display:
- Select either the 12-hour or 24-hour format for time display.



### 1-4. Alarm: Set the alarm

- Select the Alarm menu from the Clock sub menu, and press the left soft key to display the following screen:  
Deactivate All: Deactivate the alarm.  
Active All: Activates the alarm.  
Daily: Sets the alarm to go off at the designated time every day.  
Once: Sets the alarm to go off only once at the designated time.  
Status: Displays the status of any alarms.

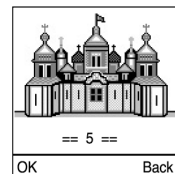


### 7-6-2 Display

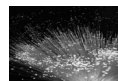
- This menu adjusts the brightness and the duration of the backlight of the screen.

#### 2-1. Backlight



- This adjusts the duration of the backlight on the screen.  
Off : The Backlight will not be turns on.  
3 Sec: The Backlight will turn on for 3 seconds.  
6 Sec: The Backlight will turn on for 6 seconds.  
9 Sec: The Backlight will turn on for 9 seconds.  
12 Sec: The Backlight will turn on for 12 seconds.



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## 2-2. Contrast

- This adjusts the brightness of the screen.
- You can set using Navigation(  ) or Side(  ) button.

## 2-3. Service Light

- This menu sets the light Network is registered or not.  
Off: You can't see LED whether the network is registered or not.  
On : When the network is registered you can see the LED.

## 2-4. My Name

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

## 7-6-3 Languages

- This menu sets the language to be used on the phone.
- Your phone can use Chinese and English. User may select appropriate languages.

## 7-6-4 Answer Mode

- This menu can set the Answering mode.  
Any Key : You can answer the call when you hit any buttons.  
Flip : You can answer the call when you open phone's flip.  
Automatic : The phone receive automatically a calling in a few seconds.

## 7-6-5 Auto-Redial

- This menu can set Auto Redial.
- The phone make up to 10 attempts to redial a phone number after an unsuccessful call.

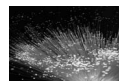
## 7-6-6 Setting Init.

- This Initializes the phone settings.
- Refer to the following table of Default settings.  
Note : If you want to use this function, you need to enter the Phone Lock code.


Default Setting Values

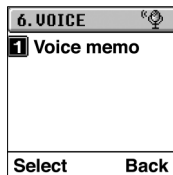
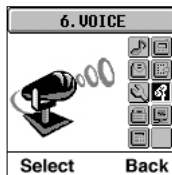
Function Name	Default Value
Ring Mode	Sound
Select Melody	Bell1
Voice Volume	Level 3 (max7)
Ring Volume	Level 7 (max7)
Key Tone Volume	Level 3 (max7)
Warning Volume	Level 3 (max5)
Warning Tones	SMS(Sound), Cell Broad(Sound), Net Found(On)
Date Format	yyyy/mm/dd
Time Format	24 hours
Alarm	Off
Backlight	9s
Contrast	0(-5~+5)
Service Light	On
My Name	Blank
Languages	Traditional
Answer Mode	Any key(On), Flip(Off), Automatic(Off)
Auto-Redial	Off
Phone Lock	0000

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## 7-7 Voice

- This menu can use Voice Memo.
- Select "6. Voice" Menu from the Main Menu and press the left soft button to display the following submenu.
- You can also record Voice Memo using (  ) button. (press long) Simply by pressing and holding the voice memo button.



### 7-7-1 Voice Memo

- Voice tags can be recorded with a maximum duration of 20 seconds. Only 10 voice tags can be recorded.

#### 1-1. Record

- Users can record sounds other than the voice. Also, users may record a conversation during a call. After recording for 20 seconds, the recording stops.

#### 1-2. View List

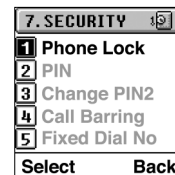
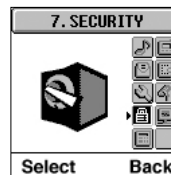
- The recorded voice data will be displayed in the voice list. Select any data from the list to replay or delete.  
You can delete a recorded voice data by pressing 'CLR' key.

#### 1-3. Delete All

- This deletes all recorded voice data at once.

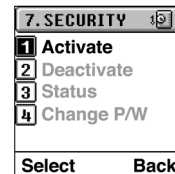
## 7-8 Security

- For safety reasons, this mobile phone uses standard PINs and Standard PUK numbers. Also, in order to prevent calls made to unwanted numbers, we have provided a FDN function.
- Press the right soft key on the main screen. Use the navigation key to select Security and then press the left soft key.

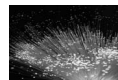


### 7-8-1 Phone Lock

- This function prevents access to the phone by any unauthorized users. A 4-8 digit password must be entered in order to initiate mobile phone functionality.
- Select Phone Lock from the security submenu and press the left soft key.



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**1-1. Activate**

- Activates the Phone Lock function.

**1-2. Deactivate**

- Deactivates the Phone Lock function.

**1-3. Status**

- Displays the current status of the Phone Lock (activated or deactivated).

**1-4. Change PW**

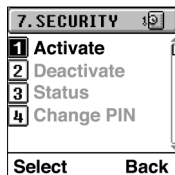
- Changes the Phone Lock password.

**Warning:**

1. You must know the password in order to use the Phone Lock functions.  
Make sure you remember the password, since you cannot use these functions without a password.
2. The default of the Phone Password is "0000".
3. Avoid selecting a number similar to an Emergency call number when you change the Phone Lock number.
4. If you enter the incorrect password for three times consecutively, the message "Phone Lock Blocked Peman" will be displayed. Should this happen the phone will not be able to perform any functions.

**7-8-2 PIN**

- This function prevents access by others. A 4~8 digit password must be entered in order to initiate the mobile phone.
- If you enter your PIN incorrectly three times in a row, the SIM card is blocked.



- If your SIM card is blocked, PIN blocked appears.
- If you want unblock your SIM card, you must enter PUK number.
- Then, you enter a new 4~8 PIN.
- Once you have entered a new PIN, you are asked to confirm it by entering it again.

Select PIN from the Security submenu and press the left soft button

**2-1. Activate**

- This sets the PIN mode. When activated, the message "enter PIN" will appear when the power is turned on.

**2-2. Deactivate**

- This deactivates the PIN mode. When deactivated, no message will appear when the power is turned on.

**2-3. Status**

- This shows the current status of the PIN mode.

**2-4. Change PIN**

- This menu is to change PIN.  
Enter the current PIN and press the left soft button.  
Enter the new PIN and then press the left soft button. The PIN has now been changed.

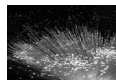
**7-8-3 Change PIN2**

- This changes the PIN2.
- Select PIN2 from the Security submenu and press the left soft button.

Enter the current PIN2 and press the left soft button.  
Enter the new PIN2 and then press the left soft button. The PIN2 has now been changed.

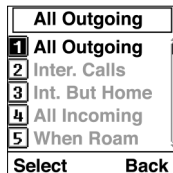
**Warning:**

You may not be able to use some of the functions in the menu without the correct PIN2. Please remember your PIN2.

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#### 7-8-4 Call Barring

- This restricts any calls made by the user.
- Select Call Barring from the Security submenu and press the left soft button.
- If you want to use this service, you need Password which service provider provided.



##### 4-1. All Outgoing

- Prohibits any outgoing calls.

##### 4-2. Inter. Calls

- Prohibits any international calls.

##### 4-3. Inter. But Home

- When making calls from overseas, calls can only be made to your home country and the local numbers.

##### 4-4. All Incoming

- Prohibits any incoming calls.

##### 4-5. When Roam

- When the user is roaming, out going calls can be made but incoming calls are prohibited.

These menus have the following submenu:

On : Activates the selected menu.

Off : Deactivates the selected menu.

Status : Displays the current status of the menu.

##### 4-6. Cancel All

- When Deactivates any call barring that have been set.

#### 4-7. Change PWW

- This changes the Call Barring Password provided by the service provider.

A 4-digit Barring Password is required to activate/deactivate the Call barring function. The service provider will provide the password for you, if you purchase the service.

The call barring service may not be available for some networks.

#### 7-8-5 Fixed Dial No.

- This prevents any incoming or outgoing calls of undesignated numbers.
- Select Fixed Names from the Security submenu and press the left soft button.

##### 5-1. Activate

- This allows the user to make calls to designated numbers from the FDN list.

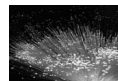
##### 5-2. Deactivate

- This deactivates the Fixed Names mode.


FDN(Fixed Dial Number) List refers to the numbers stored in the phonebook when the phone is in FDN status. The list will only show numbers that have been saved when the phone was in FDN status. The numbers saved when the phone was in normal status will not appear at this time.

Warning: The user must know the PIN2 to use the Fixed Names function. Access will be denied if the PIN2 is entered incorrectly more than three times. In this case, please refer to the Solving Problem on page 78.

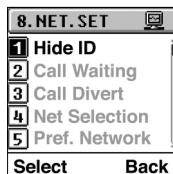
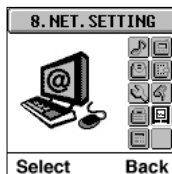
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## 7-9 Net. Setting

- This menu set the Network Services.(Hide ID, Call Waiting, Call Divert, Net Selection, Pref. Network)
- If you want use Network Services, contact your service provider to check their availability and subscribe to them.
- Press the right soft button to select the Message in standby mode.
- You can also use the Navigation button(  )
- Select "8.NET. SETTING" Menu from the Main Menu and press the left soft button to display the following submenu.

The Network Services(Hide ID, Call Waiting, Call Divert, Net Selection, Pref. Network) may not be available on all networks.



### 7-9-1 Hide ID

- 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 Hide ID from the Net.Setting submenu and press left soft button.

#### 1-1. Status

- This displays the current status of the Hide ID mode.

#### 1-2. Activate

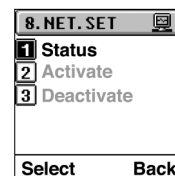
- This activates the Hide ID mode. When activated, the user's ID does not appear to the other party when making a call.

#### 1-3. Deactivate

- This deactivates the Hide ID mode. When this mode is cancelled the user's ID appears to the other party when making a call. The Hide ID service may not be available for some networks.

### 7-9-2 Call Waiting

- This menu alerts you that there is another incoming call while you are making a call.
- Select Call waiting from the Net.Setting submenu and press left soft button.



#### 2-1. Status

- This displays the current status of the Call waiting mode.

#### 2-2. Activate

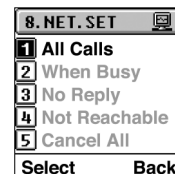
- This activates the Call waiting function.

#### 2-3. Deactivate

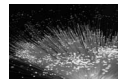
- This deactivates the Call waiting function. The Call waiting ID service may not be available for some networks.

### 7-9-3 Call Divert

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



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- Select one of the three submenus shown above and then press the left soft key to display the current status of the Call Divert function.

The instructions for Divert for Voice, Fax and Data are the same

### 3-1. All Calls

- This diverts all incoming calls to a pre-designated number. This menu diverts incoming calls so that the user does not receive any incoming calls.

### 3-2. When Busy

- This diverts all incoming calls to a pre-designated number when the line is busy.

### 3-3. No Reply

- This diverts all incoming calls to a pre-designated number when there the call is not answered.

### 3-4. Not Reachable

- This diverts all incoming calls to a pre-designated number when network services are unavailable in your current location.

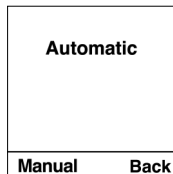
### 3-5. Cancel All

- This cancels all active Call Diverts.

This Call Divert service may not be available on all networks.

## 7-9-4 Net. Selection

- This allows the phone to select the network system automatically or manually.
- Select Network Selection from the Setting submenu and press the left soft button.



### 4-1. Automatic

- Network selection is performed automatically.

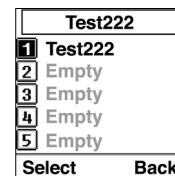
### 4-2. Manual

- Network selection is performed manually.

## 7-9-5 Pref. Network

- If manual network selection is chosen, the user must select a preferred network channel. User may add new networks.

- A list of 10 networks will be displayed. If there are no networks listed, the message "empty" will appear.



- Select a network system from the list.

- To add a new network, go to an empty slot in the list and press the left soft button.

### 5-1. Select List

- This searches network addresses and registers them on the list. The network list will be displayed. Users may select any network from the list.

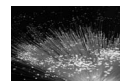
### 5-2. Network Code

- This allows the user to enter a preferred network if none are shown in the list. In this case, the user must supply a 5-digit network code.


### 5-3. Delete

- This deletes any registered network entries.

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## 7-10 Accessory

- This menu can use Game, Calculator, World Time.
- Press the right soft button to select the Message in standby mode.
- You can also use the Navigation button(  )
- Select "9. ACCESSORY" Menu from the Main Menu and press the left soft button to display the following submenu.



### 7-10-1 Game

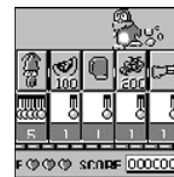
- You can enjoy Games.
- Select Game from the Accessory submenu and press left soft button.



## 1-1. TOY ADVENTURE

### Object of the game

The user challenges the complex champion of the largest festival held in the Antarctic. The user becomes the champion when the user acquires 10 medals in 3 events.



[Image 1] Main menu screen








### Rules of the game

Select 2. 'Help' in the phone menu to see the help for the handling method like [Image 2]. [Image 2] was shown so that the user can understand the method for using the keys in the game. However, the text help can be shown only in the phone menu.

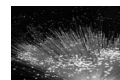


[Image 2] Help screen

### The Keys used in the Game

PUNCH key:	ONE-SHOT key:	FISHING key:
 : Left	 : Shooting	 : Left
 : Middle	Right key(>) : Bullets	 : Both sides
 : Right		 : Right

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## 1-2. 2002 SOCCER

### Object of the game

The user becomes the champion in 2002 mobile soccer on spot kick against an opposite team.

### The Keys used in the Game



[Image 1] 2002 soccer



[Image 2] Help screen

Top left-hand key(  )	: Select the ball direction, select the power
Left and right key	direction selecting key or No.    keys
Selection of the ball direction	use No.     keys for upper, lower, left, and right shift
Defense	No.  ~  keys

## 1-3. MR. LEE

### Object & Rules of the game

The object of game is to pass all the stages by exhausting the energy of the incarnation, the enemy character, tormenting them and knocking them down after attacking them in a series of stages.

### Rules of the game

- When the enemy character continues to attack the crane with the user, the user can move to the next stage by knocking down the enemy character.
- The game is over if the oil in the crane is used up, or if the crane is destroyed owing to attack from the enemy.

### The Keys used in the Game



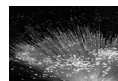
[Image 1] Mr. LEE



[Image 2] Help screen

No.2 key	Attack
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### 7-10-2 Calculator

- This allows the user to perform simple calculations.
- Select Calculator on the menu and press the left soft key to display the following screen.
- Enter the number in the input window.
- For navigation, the Up button is addition(+) and the Down button is subtraction (-).
- The left key is multiplication (X) and the right key is division (/).
- The decimals can be entered using the hash (#) button.
- After entering a numerical expression, press the left soft key to for the result (=).

Statement	
Result 0	
▲+▼-◀×▶÷	
Exe	Back

### 7-10-3 World Time

- You can use your phone to check World Time.
- Select World Time from the Accessory submenu and press left soft button.
- If you want see right time, you must set clock. (On 52 page, 7-6-1 Clock)
- Select the time zone in which you are located.
- You can see World Time using Navigation button(  ).

Your Location?	
1 London	
2 Athenae	
3 Abu Dhabi	
4 Almaty	
5 Beijing	
Select	Back

## 7-11 Phonebook

- You can store phone numbers and their corresponding names in the memory of your SIM card. In addition, you can store up to 250 numbers and names in the phone memory.
- Press the left soft button to 'Name' the Message in standby mode.
- You can see the following submenu.

PhoneBook	
1 View All	
2 Add New Entry	
3 Search	
4 Edit Group	
5 Memory Stat.	
Select	Back

PhoneBook	
ABC	
Options	Back

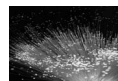
### 7-11-1 View All

- This show all Phonebook list that stored SIM card and Phone memory.
- Select "View All" in the Phonebook menu and press the left soft key to display the entire of Phonebook list.
- Select the name and press the Send key to make a call.
- Press the left soft key to display the Options menu. ( See[Confer] 7-11-3 (3.1))

### 7-11-2 Add New Entry

- This stores new phone numbers.
- Select "Add New Entry" in the Phonebook menu and press the left soft key.

Enter number:
0123456
OK

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- When the screen asks, enter the number and then press the left soft key.
- Another screen will appear, enters the name.
- After entering the name press the left soft key and a screen will appear to asking for a quick dial number.
- After entering a quick dial number, press the left soft key and a screen will appear asking for the type of memory to be selected.(If select SIM, then the message "Please Wait", "Saved" will appear completing the process)
- After selecting the phone memory and a screen will appear to selecting group list.
- After selecting the group press the left soft button, the message "Please wait", "Saved" will appear completing the process.

If FDN is set, a message will appear requesting your PIN2 before entering a number.

Pressing the End key will return the user to the previous step.

Only the digits from 2 to 9 can be assigned a quick dial number An "Overwrite" confirmation message will be displayed if a phone number is assigned a quick number already in use.

Total number of entries that can be saved in the SIM card phonebook is 254 including ADN, Fixed Dial No., Service Dial No and Last Received No.


### 7-11-3 Search Phonebook

- This function searches for a phone number in the Phonebook by name or Group.

#### 3-1. Name Search

- Select "Search" in the "Phonebook" menu and press the left soft button to show the submenu, "Name Search", "Group Search".

- Select "Name Search" and press the left soft button to display the editor to search by name.

Find:	
ADADADAD	
OK	Mode

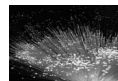
- In standby mode, the phonebook is immediately displayed if the left soft key is pressed.
- When searching within the list, pressing the alphanumeric key pads, 2 to 9, will display name entries that correspond to the letter on the keypad.

Options	
1	Details
2	Edits
3	Send Message
4	Delete
5	Copy
Select	Back

- Select the name and press the Send key to make a call.
- Press the left soft key to display the following menu.

Details: Displays the phone number, Group and Group Led of the selected name.

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Edit : Able to edit the name and number of any phone entry.

1. Select this menu and press the left soft key.
  2. Follow the screen prompts to edit the number. Enter the new phone number and press the left soft key. Enter the new name when prompted and press the left soft key. Supply a quick dial number when prompted by the display and press the left soft key.
- The confirmation message "Saved" will be displayed when it has been saved.

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

Pressing the End key will return to the user to the previous input step.

Send message: Sends a message to the selected name.

Refer to message instructions on page 35~40.

Delete: deletes the selected number.

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

Copy: Copy to memory

1. If FDN is set, this menu will not be displayed.
2. If the memory of the selected entry is set to SIM, it will be saved in the phone.
3. If the memory of the selected entry is set to phone, it will be saved in the SIM.

### 3-2 Group Search

- Select "Group Search" and press the left soft button to display the group list.
- Select and Group in Group list and left soft button, another screen will appear screen will show the member list including the selected Group.
- Select the name and press the left soft button to display the option menu. (See [Confer] 7-11-3 (3.1))

### 7-11-4. Edit Group

- This modifies the Group name and Group Led.
- Select "Edit Group" in the Phonebook menu and press the left soft key.
- Another screen will appear to show the Group list.
- Select the Group name and press the left soft key to display Options menu.

#### 4-1 Name Edit

- Able to edit the Group name of any Group list.

Select this menu and press the left soft key.

Enter the new Group name and press the left soft key to save.

The confirmation message "Saved" will be displayed when it has been saved.

#### 4-2 Group Led

- Able to select the Group Led of any Group list.

#### 4-3 Member View

- This shows member list.
- Select the name and press the left soft button to display the option menu. (See [Confer] 7-11-1(3-1)).

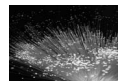
### 7-11-5 Memory Status

- This menu displays the current memory status.
- You can check how many numbers are stored in the Phonebook. (SIM card and phone memories)

Each SIM card has a different storage capacity.

Refer to your service operator for details of storage capacity.

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### 7-11-6 Own Number




- **Own Number** : This menu shows the user's own phone number registered on the SIM card.
- **Select "Own Number"** in the Phonebook menu and press the left soft key to display the screen as follows:  
 Details  
 Add New Entry  
 Edit  
 Send Message  
 Delete

### 7-11-7 Service No.

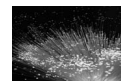
- **Service No.** : This menu shows the list of Services Dialing numbers (SDN) assigned by your network operator/service provider in the SIM card. The user can use these telephone numbers to make outgoing calls.

## 7-12 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"> <li>• When this happens in a service area, turn the power off wait 2~3 minutes, and then turn the power on again.</li> <li>• 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.</li> <li>• If this continues for some time without reason, contact the service center nearest you.</li> </ul>
You cannot make a call even though you have entered the number and pressed the Send button		<ul style="list-style-type: none"> <li>• Check whether you are in a service area. (If you are not in a service area,  will be displayed on the screen.)</li> <li>• Check whether you have set <b>Outgoing Calls</b> to be barred. If this function is set, you cannot make a call. (You can check <b>All Outgoing</b> menu in the <b>Call Barring</b> menu of the <b>Security</b> menu.)</li> </ul>
No incoming calls from others		<ul style="list-style-type: none"> <li>• Check whether you are in a service area. (If you are not in a service area,  will be displayed on the screen.)</li> <li>• Check whether you have set <b>Incoming Calls</b> to be barred. If this function is set, you cannot receive calls. (You can check <b>All Incoming</b> menu in the <b>Call Barring</b> menu of the <b>Security</b> menu)</li> </ul>

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## 7-13 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 button. (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 left soft key. If you press Emergency Call Number and 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.

## 7-14 Terms

### • 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.

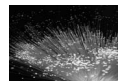
### • PIN2

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.

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- **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.

- **Travelling**

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.

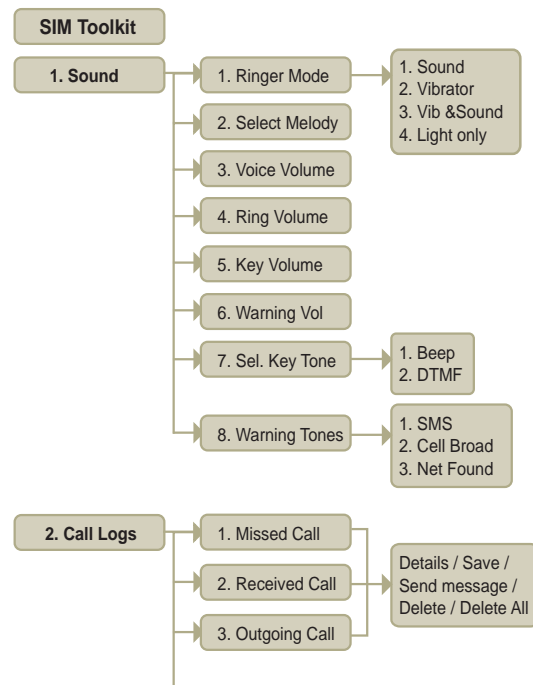
- **SMS (Short Message Service)**

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

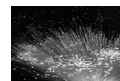
- **Soft Buttons**

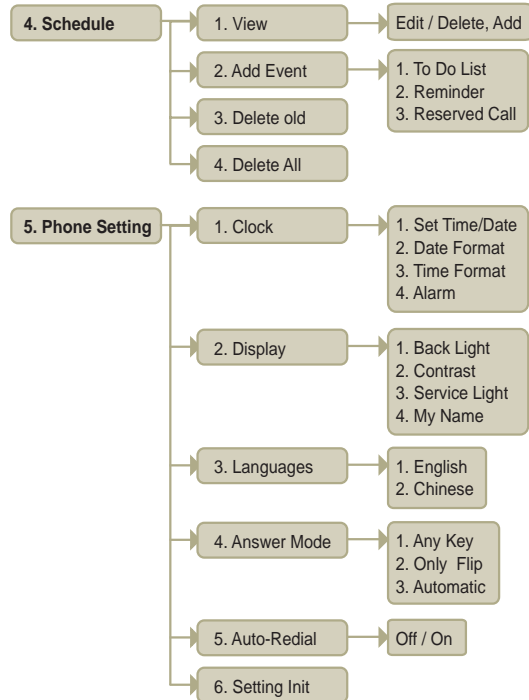
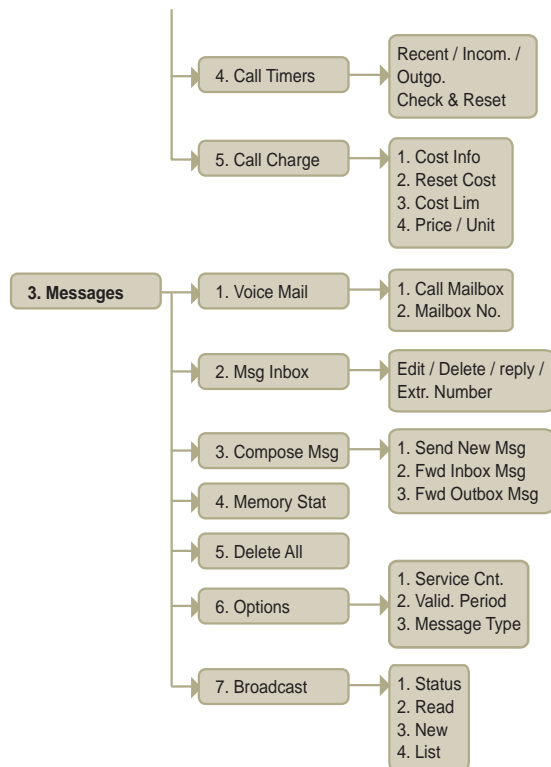
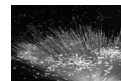
2 (   ) buttons on the phone and which change depending on the function currently used. Their functions are indicated by messages displayed on the right and left lower parts of screen.

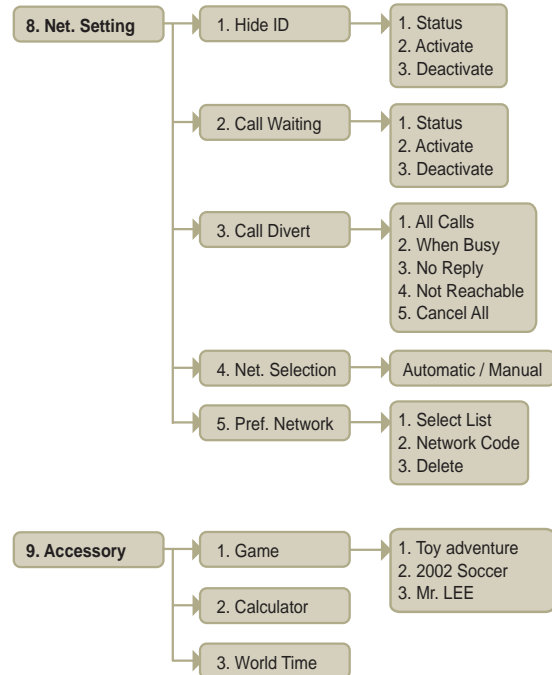
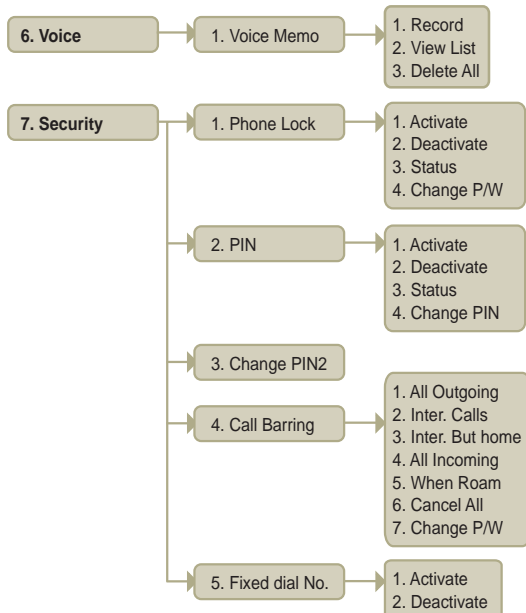
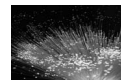
## 7-15 Menu Map



## SG4000



**SG4000**

**SG4000**

## 1. Phonebook

- 
- ```

graph TD
    A[1. View All] --> B[2. Add New Entry]
    B --> C[3. Search]
    C --> D["1. Name Search  
2. Group Search"]
    D --> E[4. Edit Group]
    E --> F["1. Name Edit  
2. Group Led  
3. Member View"]
    F --> G[5. Memory Stat.]
    G --> H[6. Own Number]
    H --> I["Details / Add New Entry / Edit /  
Send message / Delete"]
    I --> J[7. Service No.]
  
```
1. View All
2. Add New Entry
3. Search
1. Name Search  
2. Group Search
4. Edit Group
1. Name Edit  
2. Group Led  
3. Member View
5. Memory Stat.
6. Own Number
- Details / Add New Entry / Edit /  
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