

# **G906 Phone**

## **User's Manual**

**2004.08.28**  
**KBT Mobile**

## About this manual

Welcome to the G906 Phone. This Phone comes with two parts.

**‘Before you start’ (Included in one sheet)**

**‘Operation Instruction’ (This manual)**

Before using your G906 Phone, read **‘Before you start’** for overview of features, basic setup, and other important details.

After you become familiarized with its basic functionality, you can use the other manual (**Operation Instruction**) as references for detailed features, less common tasks, and for maintaining your G906 Phone.

These manuals can also serve as a source of information if you have problems operating your G906 Phone.

## **I. Before you start (Included in one sheet)**

### **A. Features**

- 1.Unpacking
- 2.Phone Layout
  - 2.1 LCD
  - 2.2 Camera
  - 2.3 Stereo Dual Speaker
  - 2.4 Icons Descriptions
  - 2.5 Key Descriptions
  - 2.6 Battery
  - 2.7 Earphone
3. Display Layout
  - 3.1 Main Display Screen
  - 3.2 Sub Display Screen
  - 3.3 Camera Display Screen
  - 3.4 Movie Display Screen
4. SIM Card

### **B. Basic usages**

1. Power On/Off
2. Call Function
  - 2.1 Making a call
  - 2.2 Answering a call
  - 2.3 During a call
3. Camera Function
  - 3.1 Take a photo(General)
  - 3.2 Take a photo(Self shot)
  - 3.3 Record a movie
  - 3.4 Setting

### **C. Devices Care**

## **II. Operation Instruction**

### **A. ‘Operation Instruction’- Basic**

1. Function (Direct key Function)
  - 1.1 Direct key for Phonebook lists
  - 1.2 Direct key for Manner Mode
  - 1.3 Direct key for Camera
  - 1.4 Direct key for SMS message menu
  - 1.5 Direct key for WAP browser
  - 1.6 Direct key for Voice memo
  - 1.7 Direct key for Scheduler menu
  - 1.8 Making an international call
  - 1.9 Entering a Pause Character in a Dial String
  - 1.10 Watching the date
2. T9 Input mode
  - 2.1 Accept text
  - 2.2 T9 English
  - 2.3 Multi-tap
  - 2.4 Numeric
  - 2.5 Symbols
3. Phonebook
  - 3.1 Search
  - 3.2 Add entry
  - 3.3 Speed dial
  - 3.4 Image List
  - 3.5 Copy all
  - 3.6 Own Number
  - 3.7 Delete all
  - 3.8 Memory

## **B. Operation Instruction – MENU Functions**

1. Message
  - 1.1 SMS
  - 1.2 MMS
  - 1.3 Voice Mail
  - 1.4 Cell Broadcast
2. Call Log
  - 2.1 Missed Calls
  - 2.2 Received Calls
  - 2.3 Dialed
  - 2.4 Clear Logs
  - 2.5 Call Timers
  - 2.6 Call Costs
3. Settings
  - 3.1 Alarm clock
  - 3.2 Clock
  - 3.3 Call settings
  - 3.4 Phone setting
  - 3.5 Sound
  - 3.6 Security
  - 3.7 Reset Setting
4. Secretary
  - 4.1 Scheduler
  - 4.2 World clock
  - 4.3 Calculator
  - 4.4 Unit Converter
  - 4.5 Voice memo
5. Game
  - 5.1 ZooZoo Club
  - 5.2 Ace of Aces

## 6. WAP

- 6.1 Home
- 6.2 Resume
- 6.3 Bookmarks
- 6.4 Settings

## 7. Multimedia

- 7.1 Take a photo
- 7.2 Capture mode
- 7.3 Photo List
- 7.4 Movie List
- 7.5 Settings
- 7.6 Memory Status
- 7.7 Camera Control mode

## **C. Trouble Shooting**

## **D. Safety Information**

- 1. Everyday Use of your phone
  - 1.1 Using your phone in a vehicle
  - 1.2 Non-ionizing radiation (exposure to Radio Frequency Signals)
  - 1.3 Pacemakers
  - 1.4 Hearing aids
  - 1.5 Other medical devices
  - 1.6 Operating Environment
  - 1.7 Aircraft Safety
  - 1.8 Explosive Atmospheres and materials
  - 1.9 For Vehicle Equipped with an Air Bag
  - 1.10 Battery charging

## **E. Glossary**

## I. Before you start

### G906 Phone



## A. Features

### 1. Unpacking

Your package list is as shown below (Supplied)



## 2. Phone Layout

The following illustration shows the main elements of your phone.

### 2.1 LCD

The main LCD is TFT Colour LCD and has 260K colours. The sub LCD is CSTN LCD and has 65K colours. You can be enjoy the more clear LCD colour with your G906 phone

### 2.2 Camera

You can take a photo with G906's embedded digital camera. G906 has VGA level camera module, you can be enjoy highly qualified digital photo with your G906 phone.

### 2.3 Stereo Dual Speaker

You can enjoy powerful and vivid sound with your K895 Phone. K895 Phone has Stereo Dual Speaker on each side of it and support 3D 64poly YAMAHA sound.



### 2.4 Icons Descriptions

#### < Icons in the Main display screen >

Icon	Description
	Shows the received signal strength.
	Appears when a call is in progress.
	Appears when a call is not in progress.
	Appears when alert mode is selected as ring
	Appears when alert mode is selected as vibrator

	Appears when alert mode is selected as vibrator&Ring or Vibrator to Ring
	Appears when alert mode is selected as silent
	Appears when you select the manner mode
	Appears when text message has been received
	Appears when text messages are full
	Appears when the phone is out of your home network area and phone has registered to the network other than its home service (i.e. when travelling in other countries with GSM service)
	Appears when an alarm clock is enabled.
	Shows the level of battery status. The green area shows charged amount of battery.

**< Icons in the sub display screen >**

Icon	Description
	Shows the received signal strength.
	Appears when alert mode is selected as vibrator
	Appears when alert mode is selected as vibrator&Ring or Vibrator to Ring
	Appears when alert mode is selected as silent
	Appears when you select the manner mode
	Appears when a new text message has been received
	Appears when text messages are full
	Appears when an alarm clock is enabled.
	Shows the level of battery status.
	Indicates that the battery of your phone is being charged.

**< Icons in the lower camera screen >**

Icon	Description
	Menu softkey Icon
	Lists softkey Icon
	Shows Brightness Level
	Shows Digital Zoom Level

\* For the detailed description of indicator icon of upper camera screen, refer to the ‘3.3 photo mode screen’ and ‘3.4 movie mode screen’.

## 2.5 Keys Description

Key	Description
	Performs the functions indicated by the text in the left-bottom line of the display screen. Usually works as ‘selection’
	Performs the functions indicated by the text in the right-bottom line of the display screen. Usually works as ‘backward’
	Makes or answers a call. In the idle mode, launches the Dialled calls list
	Ends a call. Also switches the phone on or off when pressed and held. In the menu, returns to the idle mode or cancels your input.
	Clear Key, Usually works as ‘cancel’
	Enter numbers, letters and some special characters.
	Enters international call
	‘P’ (Pause) when pressed and held
	Enters manner mode.

 <u>Located on the left side</u>	<p><b>[Basic Function]</b> Increases and decrease the volume</p>
 <u>Located on the left side</u>	<p><b>[Camera Function]</b> Direct Key for Self Photo (When Folder is Close, pressing and holding)</p> <p><b>[Voice Memo Function]</b> Voice memo recoding (When Folder is open) Voice memo list and play (just pressing)</p>
	<p><b>[Basic Function]</b> In the editing mode, moves the cursor. In the menu, moves the menu cursor.</p>
	<p><b>[Idle Mode]</b> Navi-left : launches the Received calls list Navi-right : launches the Missed calls list Navi-up : launches the Message menu. Navi-down : launches the Phonebook Name list</p> <p><b>[Calling Mode]</b> Navi-up key : the recent dialed number Navi-down key : the recent received number.</p> <p><b>[Camera preview Mode]</b> Navi-up key : magnify the image Navi-down key : reduce the image Navi-left&amp;right key : adjust the brightness level</p> <p><b>[Camera control Mode]</b> Navi-up&amp;down key : menu option search &amp; select Navi-left&amp;right key : menu moving</p> <p><b>[WAP Mode]</b> Navi-Centre (WAP) key : accesses the WAP site. * In the text edit mode launches the T9 Text</p>

## 2.6 Battery

### **2.6.1 How to attach the battery**

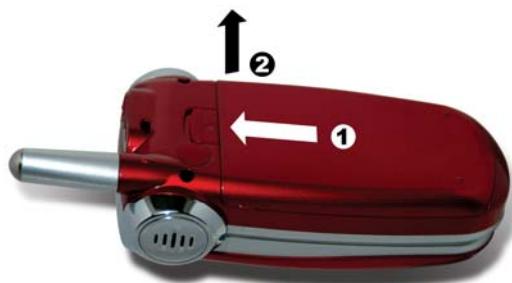
1. Align the bottom of the battery down into the holes in the bottom of the phone.
2. Then sit the battery on the back of the aligned until it clicks into place.



### **2.6.2 How to remove the battery**

Turn off your phone first.

1. Press up the battery release latch
2. Slightly lift the battery out of back of phone.



### **2.6.3 How to charge the battery**

1. Plug your charger into the mains socket first.
2. Connect the lead from the charger to the bottom of the phone.



#### **! Note**

The phone will automatically check the battery status while the charger connector is installed on the phone. Once it detects that the battery level

1. Full status, it automatically recharges the battery.
2. Normally the phone completes to charge the battery in one hour.
3. The first charging must be for at least 4 hours in order to achieve optimum performance.
4. You can make calls while charging your phone.
5. Your phone turns off by itself if the battery is able to power no longer sufficiently
6. Do not charge the phone without the battery in place.

#### **2.7 Earphone**

If you insert the earphone to the jack on the left side of your phone, you can use it in the same way as your phone's earpiece and microphone.

You can answer or end a call by pressing the hook button on the earphone.

When you receive an incoming call while you are in a call, you can answer the waiting call by pressing the hook button on the earphone. (The first call will be held automatically)

You can make the last number dialed call by pressing the hook button on the idle screen.

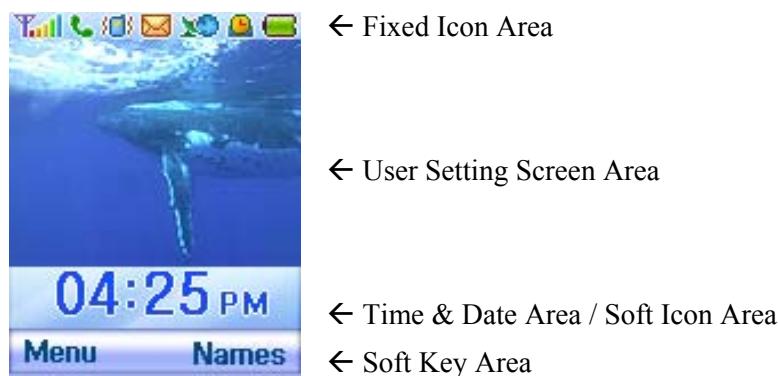
The last number dialed is launched by pressing the hook button, and then the call will be made by pressing the hook button again.



**! Note:** If the earphone is inserted, your phone's standby time is reduced. Therefore, please eject the earphone when not in use.

### 3. Display Layout

#### 3.1 Main Display Screen



##### Fixed Icon Area:

6 fixed icons such as RSSI, SMS, Alert Type, Alarm, Roaming, and Battery are displayed indicating the phone status.

##### Network Status Area:

Network name registered is displayed.

If there is not any GSM network near your location, **No Service** is displayed.

If you are in the coverage area of a GSM network but you are not allowed to register to the network, **Emergency** is displayed.

##### User Setting Screen Area:

Digital Clock, Analog Clock, Images or User Text is displayed according to the setting of Screen Setting menu. Please see Section 9.

If you set to get the broadcast message from the network, you can see it on the idle screen. For details of how to activate and deactivate it, please see Cell Broadcast menu in A3. In this case, the User Setting Screen Area updates the received broadcast messages. If you want to go back to default screen, press [END].

**Note:** The broadcast message service may not be available on all networks.

##### Time & Date Area / Soft Icon Area:

Current time and date is displayed in the Time & Date Area.

When the silence mode is enabled, the indicator will appear in the Soft Icon Area.

### Function Key Area:

The functions assigned to the right and left soft keys are displayed.

### 3.2 Sub Display Screen



← Soft Icon Area  
← Time Area  
← Date Area

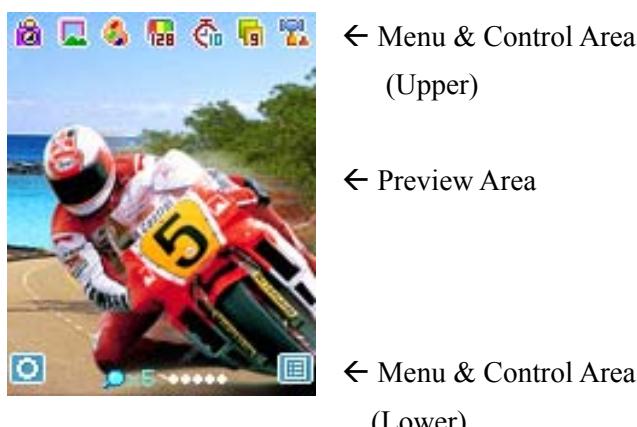
### Soft Icon Area :

Soft icons such as RSSI, Ring mode, Alarm, Message and Battery status are displayed

### Time Area:

the phone status Current time is displayed in the centre of the Area.

### 3.3 Photo Mode Screen



← Menu & Control Area  
(Upper)  
← Preview Area  
← Menu & Control Area  
(Lower)

### Preview Area :

You can see a preview shot before you take a photo.

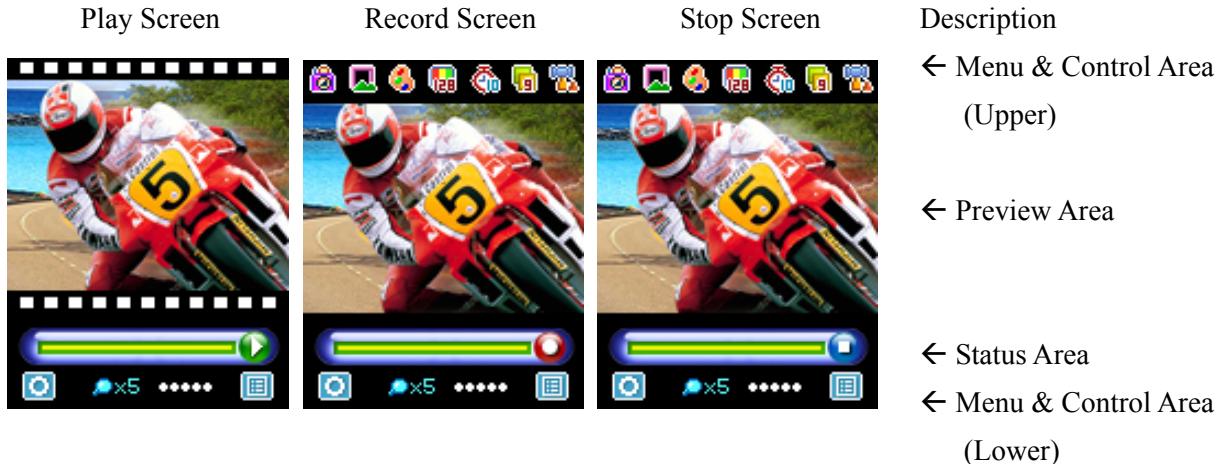
### Control Area:

You can see the status of Photo mode setting with this control Area. Each icon of control area has specific functions. The following are the meaning of the icons.

**Upper Menu & control Area**

Shows Capture mode (Photo and Movie)	
Shows Image Frame Functions status	
Shows Digital Filter Functions status	
Shows Photo Resolution	
Shows Timer Function status	
Shows Multi-shot function status	
Option	
<b>Lower Menu &amp; Control Area</b>	
Menu Soft Key	
List Soft Key	
Back Soft Key	
Shows Digital Zoom Level	
Shows Brightness Level	

### 3.4 Movie Mode Screen



#### Preview Area :

You can see a preview before you record a movie.

#### Control Area:

You can see the status of Movie mode setting with this control Area. Each icon of control area has

specific functions. The following are the meaning of the icons.

<b>Upper Menu &amp; control Area</b>	
Shows Capture mode (Photo and Movie)	
Shows Digital Filter Functions status	
Option	
<b>Lower Menu &amp; Control Area</b>	
Menu Soft Key	
List Soft Key	
Back Soft Key	
Shows Digital Zoom Level	
Shows Brightness Level	
<b>Movie recording &amp; playing status area</b>	
Play	
Record	
Stop	
Recording & playing status bar	

## **4. SIM Card**

SIM Card provides several value added services other than Handset does.

These functions will only display and work on the menu of the phone when your SIM card is supported. This menu may not be shown depending on the SIM card.

The content and the terms of the function lists will depend on your network service provider.

Please contact your network service provider (a network operator or the service provider) in regards with availability of any services related to the SIM card, application information and the costs.

### **4.1 How to place the SIM card**

Ensure the phone is switched off and the travel charger is detached first before you start the following steps.

1. Remove the battery.
2. Push the SIM card holder in the direction of the arrow and hold it in this position.
3. Insert a new SIM Card under the two tabs on the right of the phone, ensuring that the cut corner is right and the gold contact of the card face into the phone.
4. Hold the SIM card down and release the holder to lock it into place.



#### 4.2 How to remove the SIM card

Ensure the phone is switched off and the travel charger is detached first before you start the following steps.

1. Remove the battery.
2. Release the SIM Card holder by moving the SIM Card holder to the left direction.
3. Remove the SIM card from the holder.



**! Note: About the SIM card**

The SIM Card is a computer chip containing information about your subscription, security, phonebook etc.

When you register as a subscriber with GSM network operator, you are provided with the SIM card.

Always handle the SIM Card with care and insert with the gold contacts face down.

## B. Basic Usages

### 1. Power On/Off

Power On Screen	Power Off Screen
	

To switch your phone On And Off, make sure that the battery is inserted.

1. Open the folder
2. To switch your phone on, press and hold down [END] until you hear the power-on melody.
3. To switch your phone off, press and hold down [END] until you hear the power-off melody.

Some SIM card may be protected with PIN.

If Enter PIN is prompted, enter your PIN and then press [Ok soft key].

For more details, please see Security Setting in Menu F6.

! Note: If your PIN is entered invalidly three times in succession, your SIM card is blocked. In order to unblock it, see Security Codes in Menu F6.

If Enter Lock Code is prompted, enter your Pin enable and then press On.

The Pin enable is factory set to 1 2 3 4.

For more details, please see Security Setting in Menu F6.

After the phone is turned on, the phone searches for a network.

### 2.Call Function

#### 2.1 Making a call

1. To make a call on your phone, enter the area code and the phone number in the idle screen.  
In case you enter a number incorrectly, press the [Clear soft key] once to delete the last digit that you have entered. To remove all the digits, press and hold the [Clear soft key] down until they are deleted, or press [END].

2. Press the [SEND].

If the number is identified from the phonebook, the name is displayed.

You can hear the Connect Tone when the call is answered from the called person, if you set it On. For more details, please see Sound menu in menu D.

If you want to end the call while making a call, press [End soft key] or [END], or close the folder. The screen will display a brief message and return to the idle.

**! Note:** The brief message at the call ending may remain long time if the network is busy.

If the earphone is inserted, or if the call is data call, the folder closing does not make the call end.

### ● Quick dialing from speed list

Press and hold a numeric key ([2]~[9]) that represents the entry number in the speed dial list. Then the number assigned on the key will be automatically dialed. Please see 6.5 for more details.

### ● Quick dialing from recent calls list

1. Press following key for the each recent call in the idle screen.

[Navi-LEFT]: the recent 10 received calls.

[Navi-RIGHT]: the recent 10 missed calls.

[SEND]: the recent 10 dialed calls.

2. Locate the cursor with [Navi-UP] or [Navi-DOWN] to the name or number you want to call.

3. Press [SEND].

## **2.2 Answering a call**

1. When there is an incoming call, the call icon on the phone screen will flash, and the ringer will sound or the vibrator will work according to the setting.

If the caller is identified, the caller phone number or name (if stored in the Phonebook) is displayed.

If the caller is not identified, No Number or Withheld (if the network suppresses the number display) is displayed.

2. Press [Answer soft key] or [SEND], open the folder to answer the incoming call.

If AnyKey menu option is set to On and the folder has been opened, you can press any key to answer the call except for the [End soft key] or [END].

**! Note:** If the earphone is inserted, or if the call is data call, opening of the folder does not make the call answer.

3. If you want to reject the incoming call when the folder has been opened, press [End soft key].

The call number is saved in the missed calls list.

**! Note:** If the earphone is inserted, or if the call is data call, closing the folder does not make the call reject.

## **2.3 During a call**

### **A. The recent received and called numbers.**

During a call, you can check the recent 10 received number and recent 10 called number with the [Navi-UP] and [Navi-DOWN] key.

[Navi-UP]: the recent 10 called number.

[Navi-DOWN]: the recent 10 received number.

### **B. Putting a call on hold/unhold**

You can put the current call on hold by [Send key] when during a call if this service is supported on the network.

### **C. Adjusting the earpiece volume**

During a call, you can adjust the earpiece volume.

To increase the volume, press the [VOLUME-UP] or [Navi-UP] key.

To decrease the volume, press the [VOLUME-DOWN] or [Navi-DOWN] key.

## **3. Camera Function**

### **3.1 Take a Photo (General)**

If you want to take a photo, please follow the procedure as below

1. Open the folder
2. Press ‘Camera’ button for camera mode on
3. Press  Softkey, then you can enter the camera control mode.
4. Toggle the first icon as  by using up/down Navi-key.
5. Press  softkey to go to back to preview screen
6. You can see the preview screen on you main LCD
7. Press ‘Camera’ button again to take a photo
8. If you want to save the image, press save button and write the title or If you don’t like the image press back button

### **3.2 Take a Photo (Self Shot)**

If you want to take a self photo, please follow the procedure as below

1. Close the folder
2. Press and hold ‘Record/Camera’ button on the left side for camera mode on
3. You can see the preview image on you sub LCD screen
4. Press ‘Record/Camera’ button again to take a photo
5. If you want to save the image, open the folder and press save button and write the title or If you don’t like the image press back button

### **3.3 Recording a Movie**

If you want to record a movie, please follow the procedure as below

1. Open the folder
2. Press ‘Camera’ button for camera mode on
3. You can see the preview screen on you main LCD
4. Press  Softkey, then you can enter the camera control mode.
5. Toggle the first icon as  by using up/down Navi-key.
6. Press  softkey to go to back to preview screen
4. Press ‘Camera’ button to record a movie. You can hear continuous sounds while you are recording a movie

5. If you want to quit the movie, press 'Camera' button again. And press save button to save the movie. Then, You can write the title or If you don't like the movie press back button.

**! Note:** This phone does not support 'Self Movie mode' when the folder is close.

### **3.4 Setting**

You can control the level of brightness and digital zoom by direct key.

1. Digital Zoom : You can magnify/reduce the image by Navi Up/Down Key
2. Brightness : You can brighten/darken the image by Navi Left/Right Key on left side

For more detailed functions of camera, you can refer to the below menu (B. Operation – 7. multimedia)

## **C. Device Care**

- Keep in mind that a new battery's full performance is achieved only after two or three times of completed charging and discharging cycles!
- The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and stand-by time) is noticeably shorter than normal, It is recommended that you change your battery.
- Do not attempt to open the casing on your phone or its battery.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications or attachments could damage the phone and may violate regulations governing use of mobile phones or FCC regulations.
- Always keep SIM card out of children's reach.
- Use your phone battery only for its intended purpose, and never use any charger or battery, which is damaged or worn out.
- Never allow the battery terminals to short circuit, as this can cause damage to the battery or to the connecting object. (a short circuit can occur if a metallic object such as a coin, clip or pen causes direct connection between the + and – terminals of the battery) Therefore, always take adequate precautions when carrying a spare battery in a purse or pocket.

- Battery must be recycled or disposed of properly, and must not be disposed of in municipal waste. Never dispose of batteries in a fire.
- When you unplug your phone from its charger, grasp and pull the plug, not the power cord.
- For good operation times, discharge a Lithium battery from time to time by leaving your phone switched on until it turns itself off.
- Do not drop, shake or immerse in water.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

## **II. Operation Instruction**

### **A. Operating Instruction - Basic**

#### **1. Call function (Direct key Function)**

##### **1.1 Direct key for Voice memo**

###### **Start recording voice memo**

You can start recording voice memo by just pressing and holding the [Voice memo key].

Voice recording animation will be shown or a message box with “Full voice memo” string appeared, if the voice memo lists are full.

###### **Play voice memo**

You can play voice memo by just pressing the [Voice memo key].

The memo lists will be shown and played if you choose one.

##### **1.2 Direct key for Manner Mode**

You can change the sound/alert mode of your phone by just pressing and holding the [\*] key. Icon on the top right of LCD indicates that the phone is under manner mode status.

If the phone is in manner mode, all audible key tones are muted and all audible alerts are changed to vibrator alert. To return the normal mode, press and hold the [\*] again.

##### **1.3 Direct key for Camera**

You can enter the Camera mode by just pressing the [Camera] key. When the folder close, You can use [Record/Camera] Key on the left side to enter the Camera mode (for Self shot).

##### **1.4 Direct key for SMS message menu**

You can enter the SMS message menu by just pressing the [Navi-UP] key.

##### **1.5 Direct key for Phonebook lists**

You can enter the phonebook lists by just pressing the [Navi-DOWN] key.

The phonebook lists will be shown and you can choose name or number.

## **1.6 Direct key for Sound menu**

You can enter the sound menu by pressing and holding down the [1] numeric key.

## **1.7 Making an international call**

1. Press and hold down the numeric key [0] until + sign appears to dial an overseas number.  
The + tells the network that the call is international.
2. Enter the country code, the area code (without the leading zero) and the phone number.
3. Press [SEND].

**! Note:** Some network may not allow the international call with +.

## **1.8 Entering a Pause Character in a Dial String**

A pause character may be entered into a dial string by pressing and holding down [#] until a ‘P’ sign appears.

## **1.9 Watching the date**

The date is appeared by pressing and holding the [VOLUME-DOWN] key when the folder close.  
You can see the dates for a few second in the sub LCD.

## **1.10 Direct key for WAP browser**

You can start WAP browser by just pressing and holding the [Center–WAP key].

## 2. T9 Input mode

You can input and edit text by using T9 input mode.

- write and edit a message (SMS/MMS)
- enter name (phonebook)
- Search Screen
- write and edit the name of photo and movie (camera)
- write and edit the name of bookmark and WAP profile (WAP)

\* There are other input mode (English/Number or only number mode) are shown. For example, phone number input mode, WAP address input mode, etc..

You can select various T9 input mode while you are in text input screen by pressing **[W@P]** key.

- **Accept Text**
- **T9 English**
- **Multi-tap**
- **Numeric**
- **Symbols**

### 2.1 Accept Text

Accept the text and back to the input screen

### 2.2 T9 English

**T9 English** mode support predictive input system. **T9 English** mode matches your keystrokes to its Linguistic Database to determine which word the user intended to spell. With each keystroke, the Word or Candidates Selection List is updated and the most likely interpretation of the keystrokes is presented. In cases where more than one interpretation is possible, **T9 English** mode presents interpretations in order of their frequency of use in the language. In those cases, the user selects the desired word or character from the interpretations.

#### [Key Function Table]

<b>[CLR]</b>	Delete a character on the editing area.
<b>[LEFT]</b>	Move the cursor to left direction

[RIGHT]	Move the cursor to right direction
[UP]	Switch the word entered on the editing area to previous similar word during word editing.
[DOWN]	Switch the word entered on the editing area to next similar word during word editing.
[W@P]	Short: Enter the character input mode selection menu. Long: toggle between the <b>Multi-tap</b> and <b>T9 English</b> input mode.
[END]	Go to the idle screen
[1]	A period
[*]	Long: switch to the <b>Numeric</b> input mode. Short: switch the letter entry mode. (<T9ABC> -> <T9Abc> -> <T9abc>)
[#]	Long: switch to the <b>Symbols</b> input mode. Short : Space (available only after the previous word is finished)

## 2.6 Multi-tap

**Multi-tap** input mode provides a method of explicit spelling normally used on devices with a limited set of mechanical keys. To choose a letter on a keypad, the key is pressed the appropriate number of times, rapidly in succession, once for the first letter, twice for the second letter etc.

[T9 Multi-tap Character List Table]

Key	Characters
[0]	0 +
[1]	. , - ? ! ' @ : 1
[2]	A B C 2 Ä Å Æ Ç Γ a b c 2 à á å æ ç β
[3]	D E F 3 Δ É Φ d e f 3 è é
[4]	G H I 4 Θ g h i 4 ï
[5]	J K L 5 Ε Λ j k l 5
[6]	M N O 6 Ñ Ö Ø Ω m n o 6 ñ ò ö ø
[7]	P Q R S 7 Π Σ p q r s 7

[8]	T U V 8 Ü t u v 8 ù ü
[9]	W X Y Z 9 Ψ Ω w x y z 9
[#]	Space

[Key Function Table]

[CLR]	1. Delete a character on the editing area. 2. Move to the previous character
[LEFT]	Move the cursor to left direction
[RIGHT]	Move the cursor to right direction
[W@P]	Short: Enter the character input mode selection menu. Long: toggle between the <b>T9 English</b> input mode and <b>Multi-tap</b> input mode.
[END]	Go to the idle mode
[*]	Short: switch the letter entry mode. (<ABC> -> <abc>) Long: switch to the <b>Numeric</b> input mode.
[#]	Short: space Long: switch to the <b>Symbol</b> input mode.

## 2.7 Numeric

This mode uses the standard numeric keypad to allow users to enter numeric information such as phone numbers, addresses, etc.

[Key Function Table]

[Back soft key]	Turn back to the previous character input mode.
[CLR]	Delete a character on the editing area.
[LEFT]	Move the cursor to left direction
[RIGHT]	Move the cursor to right direction
[W@P]	Enter the character input mode selection menu.
[END]	Go to the idle mode
[0]	Short: 0 Long: Space
[1] - [9]	Number entry.
[*]	One time of pressing : '*' Two times of pressing : '+'

	Three times of pressing : ‘-’ Four times of pressing : ‘/’ Five times of pressing : ‘=’
[#]	One time of pressing : ‘#’ Two times of pressing : ‘:’

## 2.8 Symbols Input mode

This input mode allows users to enter symbols or formatting characters into text message.

[Symbol Character Table]

.	,	?	!	&
@	(	)	:	;
%	<	>	'	"
+	-	*	/	=
#	£	\$	¥	.
Γ	Δ	Θ	Λ	Ξ
Π	Σ	Φ	Ψ	Ω
♂	♂	§	¤	—

[Key Function Table]

[Back soft key]	Turn back to the previous character input mode.
[CLR]	Delete a character on the editing area.
[LEFT]	Move the cursor to left direction
[RIGHT]	Move the cursor to right direction
[UP]	Scroll up the Symbol Set
[DOWN]	Scroll down the Symbol Set
[W@P]	Enter the character input mode selection menu.
[1] - [5]	Select the symbol with the identity number in the candidate area.
[END]	Go to the idle mode

### 3. Phonebook

You can store the phone numbers and their corresponding names in the memory of your SIM card. In addition, you can store up to 200 numbers and names into your phone memory. The SIM card memory and phone memories are physically separated but they are searched as a single entity.

To view your phonebook press the [Names soft key] in the idle screen.

#### 3.1 Search

1. Press the [Select soft key] in the Phonebook. (To select Search in the menu).
2. Press the first letter of the name that you want to search for. (In the <T9Abc>)
3. Press the [OK soft key]. (The stored names in the phonebook will be listed in alphabetical order.)
4. Press [Navi-UP] and [Navi-DOWN] to find the name of the person you wish to send a SMS message.
5. Press the [Select soft key] in the name of the person you wish to send a SMS message.
6. Press the [Option soft key] in the selected the name. And then select option.
7. If you press [Option soft key] after locating the menu cursor to the name you wish to do an action, the following options are available.

- **Edit:** edits the number and name of the selected record.
- **Delete:** deletes the selected record.
- **Copy:** copies the record to the SIM card or the phone memory.
- **Default No.:** In many type numbers (mobile phone number, house phone number, company phone number, fax number or other number), you can select this number for default number.

#### 3.2 Add entry

1. Press the [Select soft key] in the Phonebook. (To select Add entry in the menu).
2. Press [Navi-UP] and [Navi-DOWN] to select SIM or Phone.
3. If you select **SIM**, you can select following category type.
  - **Enter name:** Add the enter name
  - **Number:** SIM Number
  - **Set tone:** Assign melody you want to this number
  - **Set image:** Assign image you want to this number

4. If you select Phone, you can choose the category of phone number.

- **Mobile** : Mobile phone number is selected as default.
- **Home** : Home phone number is selected as default.
- **Office** : Office phone number is selected as default.

After choose the category, you can enter the data as follows.

- **Enter name:** Add the enter name
- **Number:** Mobile Telephone Number
- **Number:** Home Telephone Number
- **Number:** Office Telephone Number
- **Fax:** Fax Number
- **Email:** Email Address
- **Set tone:** Assign melody you want to this number
- **Set image:** Assign image you want to this number

5. You can save after add the Enter name, Number, Fax, and Email. If you want to save press the [Save soft key]

### 3.3 Speed dial

You can add, change, and delete the Speed Dial Numbers by Speed dial.

To speed dial one of these numbers on the idle screen, press and hold the numeric key (2 - 9) that represents the entry in the speed dial list. The number is automatically dialed without further input.  
Adding a new number to the Speed Dial List

### 3.4 Image list

In this menu, you can change and delete image of your phone-book list.

### 3.5 Copy all

1. Press the [Select soft key] in the Phonebook. (To select Copyall in the menu)
2. Press [Navi-UP] and [Navi-DOWN] to select Sim to Phone or Phone to Sim.

If you select Sim to Phone copies the record to Phone memory (form the Sim card).

If you select Phone to Sim copies the record to Sim card (from the Phone memory).

### **3.6 Own Number**

You can add and delete the Own Number by Own Number.

### **3.7 Delete all**

Delete all: deletes the selected record.

1. Press the [Select soft key] in the Phonebook (To select Delete all in the menu)
2. Press [Navi-UP] and [Navi-DOWN] to select SIM or Phone.

If you select SIM,

Press [Ok soft key] after entering the EnterPIN1 number.

If you select Phone,

Press [Ok soft key] after entering the EnterPIN1 number.

### **3.8 Memory**

Press the [Select soft key] in the Phonebook (To select Memory in the menu) If you select Save to..., you can select following category type.

- **Variable:** save to the SIM or Mobile Phone in random.
- **SIM:** save to the SIM.
- **Phone:** save to the Mobile Phone

If you select Memory Status, you can see memory status. The memory usage is shown as the number of locations currently in use followed by total available locations.

## B. Operation Instruction – MENU

### 1. Message



#### 1.1 SMS

##### 1.1.1 Write

With this menu, you can write a text message of up to 160 alphanumeric characters, and then you can save and send the message.

Input a text message and then press the [Option soft key]. In the Send menu, enter the recipient phone number on the Destination screen. You can input the number directly or get from the phonebook by pressing the [Search soft key].

If you press the [Option soft key] on the screen, following options are available.

- **Send:** Sends the text message to the recipient phone number. The message doesn't be saved.
- **Save:** Saves the text message.
- **Insert number:** You can search number in the phone book, and add the number to the message when you edit it.
- **Insert text:** The text is pre-defined message. You can add the text of the list to the message when you edit it.

##### 1.1.2 Inbox

With this menu, you can view the new text messages or the read messages.

Sender phone numbers or names (if stored in the Phonebook) are displayed on the list.

The small icon on the far right side of the each list indicates following meanings.

-  : The message is the unread new message.
-  : The message is the read message.

If you press [Select soft key], you can see the message contents with a sender phone number and its arrival time by using [Navi\_UP] and [Navi-DOWN].

If you select [Option soft key], following options are available.

- **Delete:** Allows you to delete the viewed message.
- **Reply:** Allows you to send a reply message to the person of the viewed message.
- **Edit:** Enables you to edit the viewed message contents and the sender phone number.
- **Forward:** Allows you to forward the viewed message to someone else.
- **Call:** Enables you to call the sender of the viewed message. If you select Save menu, the edited message saves in Outbox
- **Save Number:** Enables you get all numbers in the message and sender phone number. If you select a number, you can store the number into the phonebook.

### 1.1.3 Outbox

With this menu, you can view the saved messages, which have unsent.

Recipient phone numbers or names (if stored in the Phonebook) are displayed on the list.

The small icon on the far right side of the each list indicates following meanings.



: It is the unsent message.

Delete, Send and Edit options are available.

With Send option, you can send the saved message unchanged as it is.

### 1.1.4 Message Setup

#### 1.1.4.1 SMS Center

With this menu, you can edit or store the message service center number.

The number can be obtained from your home network service provider.

#### 1.1.4.2 Message Type

With this menu, you can use a network messaging service which offer you the facility of converting your text messages into alternative formats (Text , Voice, Fax, X.400, E-mail, Nat'paging, ERMES).

**Note:** All formats may not be available on all networks.

#### 1.1.4.3 Validity Period

This menu allows you to set the length of time period that your text message will be stored at the Message Service Center in the network while attempts are made to deliver them to the recipient.

Available options are 1hour, 2hours, 1day, 1week, Max.

#### 1.1.4.4 Reply path

This menu selects which Service Center Number is used, when the recipient of the sending message sends reply message to you.

If you select **On**, the cost of the reply message is charged to your telephone bill, but you can receive the reply regardless of the recipient's SMS subscription.

- **On:** When the recipient sends the reply to you, your own Service Center Number which is set on the SMS Center menu is used.
- **Off:** When the recipient sends the reply to you, his Service Center Number (Remote Service Center Number) is used.

#### 1.1.4.5 Memory Status

If you select this menu, you can see used memory and total memory. The total memory is dependent on the SIM.

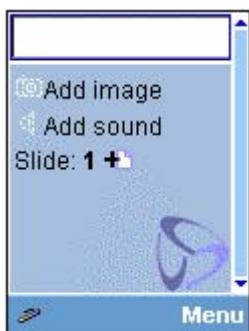
### 1.2 MMS

MMS enable the message can include text, sound and a image.

**! note :** This function can be used only if it is supported by the network operator or service provider.

#### 1.2.1 Basic Function

For new messages, this phone presents a page where you can enter text, add images and sounds, add additional slides, and perform many other tasks associated with creating and sending an MMS message.



##### 1.2.1.1 Entering Text

When you start composing a message or add a new slide, the text field is selected and you can just start entering text.



### 1.2.1.2 Image

You can add a single image to each MMS message slide. Select Add Image and you see the typical image list menu. You just select image that you want to include.



The image is added to the slide, or replaces any existing slide. “Add Image” or the previous image’s name is replaced with the name of the new image.

To delete an image from a slide,

- **Select the name of the image.**
- **Press the ‘menu’ softkey and choose Delete Image from the menu.**



The image is removed from the slide and the name of the image is replaced with the Add Image" option.

### 1.2.1.3 Sound

You can add a single sound to each MMS message slide. While composing a message, select Add Sound or the name of an existing sound.



The sound is added to the slide, or replaces any existing sound. "Add Sound" or the previous sound's name is replaced with the name of the new sound.

To delete a sound from a slide,

- **Select the name of the sound.**
- **Press the 'menu' softkey and choose Delete Sound from the menu.**

### 1.2.1.4 Slide

Every message contains at least one slide. You can only add a slide after the current slide. Select the Add Slide icon  or press the 'menu' softkey and choose Add Slide from the menu.



The slide is added after the current slide.

You can switch to any of the slides in the message you're composing so you can edit its contents. The number for the slide you're currently editing is displayed in bold. Other slides are displayed in underlined blue text.

You can remove a slide and its contents from a message, as long as it's not the only slide (every message must contain at least one slide).

- . **Navigate to the slide you want to remove.**
- . **Press the 'menu' softkey and choose Remove Slide from the menu.**

## 1.2.2 Menu

### 1.2.2.1 Write

Selecting “Write” menu takes you to the message composer.

### 1.2.2.2 Inbox

When a new message arrives, you gets an alert and the message gets stored in the inbox.

### 1.2.2.3 Outbox

When you failed to send a message, the message is stored ‘outbox’. You can find unsent messages in ‘outbox’ and re-send it.

### 1.2.2.4 Draft

At any time when composing a message, or when viewing a message you've received, you can save it as a draft so you can work on it later.

### 1.2.2.5 Sent

If you set the ‘save sent messages’ option on, all messages you send are stored in ‘sent’.

#### **1.2.2.6 Templates**

A template is a “skeleton” message having a preset format and content. It is used as a starting point for creating a final message so that the format and content does not have to be recreated each time it is used.

#### **1.2.2.7 Settings**

- **Save sent messages** : you can save all messages you send by this option.
- **MMS Center URL** : enter MMS Center URL address

**! note** : the URL address may varied on the network operator or service provider in your area. If MMS function does not work, you have to check the exact URL address from your network operator or service provider.

- **Slide Duration** : You can change the duration of the current slide. If you set the duration to 0, the slide show pauses at that slide until the recipient navigates to the next slide.
- **Slide Orientation** : You can change where an image in a slide is displayed in relation to the slide’s text: Below the text, above the text, or to the left or right of the text.
- **Default Subject** : You can make a default subject that applied to every message.
- **Max Message Size** : Set the maximum size of MMS message in this menu.
- **Memory Status** : you can see used memory and total memory.

#### **1.2.2.8 Saved Clips**

You can find the images and sounds that downloaded via WAP browser and MMS.

### **1.3 Voice mail**

Your phone is capable of dealing with voicemail if this service is supported on the network. If the voicemail has arrived, your phone displays New Voice mail Icon in the idle screen.

By selecting the <Call V-mail>, you can then listen to the voice mail.

Your phone automatically dials to the configured number that has stored in Home Mbox, Rome Mbox menu.

**! Note:** The voice mail service may not be available on all networks. For more details, please

contact your network service provider.

### **1.3.1 Call V-mail**

With this menu, you can listen to the voicemails you have received.

### **1.3.2 Home Mbox**

The voicemail number is to dial when you are on the home network to listen to the voicemail.

### **1.3.3 Roam Mbox**

The voicemail number is to dial when you are on the other network to listen to the voicemail.

## **1.4 Cell Broadcast**

This network service allows you to receive the broadcasted text messages on various topics such as weather, traffic, local district code, local hospitals, taxis or pharmacy in the area where you are. You can even receive the message to be in a particular language. (For example, when you are abroad) by using Language option. For more information about topics, please contact your service provider.

**! Note:** This service may not be available on all networks.

### **1.4.1 Read CB**

With this menu, you can read all the broadcasted text messages received.

In title area of the screen, the name of the message subject item is displayed.

The contents of the message subject are updated whenever new contents are received.

If the message subject is not sent from the area you are, No Message is displayed.

You can read the message through by pressing [Navi-DOWN].

To move to next message subject item, press [Next soft key].

### **1.4.2 Receive Setting**

This menu allows you to enable or disable the reception of the broadcasted text messages.

- **On:** Enables to receive all broadcasted text messages depending on the setting of Subject Setting and Languages.
- **Off:** Disables to receive the broadcasted text messages.

### 1.4.3 Subject Setting

This menu allows you to select the subject items of the broadcasted text message.

Each item is identified by three digits index. Following table shows the default subject items your phone has. If the default subject items list has not the item you want or if the index or name of a default subject item is different from that of the network service provider, you can add or edit in **User Define** menu.

Index	Subject Name
000	<b>Index</b>
010	<b>Flashes</b>
020	<b>Hospitals</b>
022	<b>Doctors</b>
024	<b>Pharmacy</b>
030	<b>Far Traffic</b>
032	<b>Local Traffic</b>
034	<b>Taxis</b>
040	<b>Weather</b>
050	<b>District</b>
052	<b>Network Info.</b>
054	<b>Operator</b>
056	<b>National Help</b>
057	<b>Intl. Help</b>
058	<b>National Care</b>
059	<b>Intl. Care</b>

**! Note:** For more information about the available subjects, please contact your network service provider.

- **User Define** : You can add, edit and delete the subject item you want. You can define up to five items. After that, you need to add the defined subject in the Active in order to enable the subject.
- **Active** : All items list you selected are displayed. You can add and delete the list by using Add and Delete option. The number of items in the list depends on your SIM card.

### 1.4.4 Languages

You can select your preferred languages of the broadcasted message by using Insert and option.

The number of languages you can select depends on your SIM card.

## 2. Call Log



Within this menu, you can identify all call records that you have dialed, received or missed.

### 2.1 Missed Calls

This menu lets you view the last 10 missed calls.

In the dialed calls list, you can make a call to the number by pressing [SEND] or you can view the details of the record or edit for saving in SIM or Phone by pressing the [Option soft key]. In the option screen, you can view the details of the record by pressing view or can edit for saving in SIM or Phone [Edit soft key].

### 2.2 Received Calls

This menu lets you view the last 10 received calls.

In the dialed calls list, you can make a call to the number by pressing [SEND] or you can view the details of the record or edit for saving in SIM or Phone by pressing the [Option soft key]. In the option screen, you can view the details of the record by pressing view or can edit for saving in SIM or Phone [Edit soft key].

### 2.3 Dialed

This menu lets you view the last 10 dialed calls.

In the dialed calls list, you can make a call to the number by pressing [SEND] or you can view the details of the record or edit for saving in SIM or Phone by pressing the [Option soft key]. In the option screen, you can view the details of the record by pressing view or can edit for saving in SIM or Phone [Edit soft key].

## 2.4 Clear Logs

This menu lets you delete the record of all recent calls. You can delete the record of All calls, Missed calls, Received calls, Dialed options.

## 2.5 Call Timers

You can view the duration of the last call, or of all calls.

- **Last Call:** allows you to check the duration of the last call.
- **All Calls:** allows you to check the duration of all calls.

## 2.6 Call Costs

You can view the cost of the last call, or of all calls. Costs are shown only if your network operator supports this service. The following options are available.

**2.6.1 Last call:** allows you to check the cost of the last call.

**2.6.2 All calls:** allows you to check the cost of all calls.

**2.6.3 Cost units:** allows you to check and set the cost of one unit and currency code.

- Read units: to check the cost of one unit and currency code
- Set units: to set the cost of one unit and currency code

This price per unit is applied when calculating the cost of calls.

If you select the Set Units option, you must enter your PIN2.

**2.6.4 Max cost:** allows you to check or set the maximum limit for the cost of calls.

- Read limit: to check the Maximum Cost
- Set limit: to set the Maximum Cost

If you select the Set limit option, you must enter your PIN2.

**2.6.5 Clear logs:** This menu lets you delete the record of Call Costs. If you select this Menu, you must enter your PIN2.

**Note:** Not all SIM cards support this feature. The number of items in these lists depends on the contents of your SIM card.

### 3. Settings



#### 3.1 Alarm clock

This menu enables you to set a morning call alarm and enable or disable it.

If an alarm is expired, a popup message is displayed and an alarm tone start ringing.

**3.1.1 Set alarm:** This menu allows you to set an alarm time. Enter the hour and minute.

**3.1.2 Off:** This menu allows you to disable the alarm you set.

**3.1.3 Set tone:** You can choose the melodies of alarm.

#### 3.2 Clock

This menu enables you to set the date and time and it's formatted for displayed.

**3.2.1 Set date:** This menu allows you to change the date displayed in the idle screen. Enter the date, month and year.

**3.2.2 Date format:** This menu allows you to select the date format for displayed. Three options (Y-M-D, M-D-Y, D-M-Y) are available

- **Y-M-D:** For example, 2002-03-12
- **M-D-Y:** For example, 03-12-2002
- **D-M-Y:** For example, 12-03-2002

**3.2.3 Set time:** This menu allows you to change the time displayed in the idle screen. Enter the hour and minute.

**3.2.4 Time format:** This menu allows you to select the time format for displayed. Two options (24 hour, 12 hour) are available.

- **24 Hour:** For example, 13 (at PM 1 o'clock)
- **12 Hour:** For example, 1 (at PM 1 o'clock)

**3.2.5 Daylight saving:** This menu allows you to select daylight saving mode.

- **On:** Activating the corresponding service.
- **Off:** Deactivating the corresponding service.

### 3.3 Calls settings

#### 3.3.1 Divert calls

This network service enables incoming calls to be rerouted to another number you specify. For example, you may wish to divert your business calls to a colleague while you are on holiday.

Call diverting can be set up in the following ways.

You must enter a number that the incoming call should be forwarded to

##### <All calls>

All incoming calls are diverted

- **On:** Activating the corresponding service.
- **Off:** Deactivating the corresponding service.
- **Status:** Checking the Status of the corresponding service.
- **By Service**
  - **All services:** divert all services
  - **Voice calls:** divert voice calls
  - **Data:** divert data calls
  - **Fax:** divert fax calls
  - **Messages:** divert text messages
  - **Except message:** divert all calls except messages

##### <When busy>

- Same as All calls

##### <On no answer>

-Same as All calls

##### <On not found>

-Same as All calls

##### <Cancel all >

All call divert settings are deactivated. Calls can be normal.

### **3.3.2 Answer key**

You can set the answering call type when there is an incoming call.

The following options are available.

- Folder open: In the normal mode of operation, you open folder to answer an incoming call.
- Any Key: you can answer an incoming call by pressing any key except the [End soft key].
- Send key: you can answer an incoming call by pressing Send Key.

### **3.3.3 Auto answer**

This function will be activated only when your handset is attached to ear-mic.

- Off: When your handset is ringing, your handset will not answer automatically.
- After 5 sec: After 5 seconds, your handset will answer automatically.
- After 10 sec: After 10 seconds, your handset will answer automatically.

### **3.3.4 Call waiting**

Activate or deactivate the Call waiting service. If this service is activated, a user can accept a waiting (incoming) call. If this service is deactivated, a user can not accept a waiting (incoming) call, he cannot even recognize the waiting (incoming) call.

- On: Activating the corresponding service.
- Off: Deactivating the corresponding service.
- Status: Checking the Status of the corresponding service.

### **3.3.5 Minute minder**

You can set a tone to sound every minute during a call as a reminder of the time.

- On: Activating the corresponding service.
- Off: Deactivating the corresponding service.

## **3.4 Phone settings**

The phone settings menu allows you to modify various phone settings, as you want.

The following options are available.

**3.4.1 Language:** You can select in which language the display text is shown.

**3.4.2 Banner:** You can edit a banner, which is showed in User Setting Screen Area.

**3.4.3 Greeting:** If you want to display a special text in the User Setting Screen Area of idle

screen, you can edit it.

**3.4.4 Network:** You can select the network which you will be registered either automatically or manually. Normally the selection of the network used by the handset is automatic.

■ **Automatic :** The phone automatically selects network which is available in the your area.

■ **Manual :** The phone will find the list of available networks and show you them.

Then you can select the network, which you want to use if this network has a roaming agreement with your home network operator.

**3.4.5 Backlight:** You can select the duration of backlight time.

The following options are available.

■ **10 Secs:** The backlight comes on for 10 seconds.

■ **20 Secs:** The backlight comes on for 20 seconds.

■ **30 Secs:** The backlight comes on for 30 seconds.

■ **60 Secs:** The backlight comes on for 60 seconds.

**3.4.6 Idle Mode**

■ **Main Idle Mode :** You can select the User Setting Screen Area of idle screen in this menu. The following menus are available.

- Animation 1~3 : Play a movie on main idle screen.
- Wallpaper 1~3 : Shows photo

■ **Sub Idle Mode :** You can select Digital Clock or Analog Clocks as Sub idle screen.

The following menus are available.

- Digital Clock
- Analogue Clock 1~3

**3.4.7 Contrast:** You can change the LCD luminosity. Levels between 0 % and 100% are available.

**3.4.8 LED:** You can turn on or off the indicator LED of your phone by this menu.

**3.4.9 Font**

- Dialing font : You can select the dialing font as you want.

Name	Sample
Color Number	0 1 2 3 4 5
Chinese	零 一 二 三 四 五
Billiard	0 1 2 3 4 5
mah-jong	0 萬 一 萬 二 萬 三 萬 四 萬 五 萬
Tile	0 1 2 3 4 5
Card	0 1 2 3 4 5

- Idle Font Color : You can change the font color on the idle mode

### 3.5 Sound

The sound menu allows you to modify currently activated profile options. See profile chapter for details.

**! Note:** If your phone is in the silence mode, most functions of this menu is not visible or unavailable.

#### 3.5.1 Alert

This menu allows you to select how to be informed of any incoming call.

- **Ring:** Your phone rings using the ring.
- **Vibrator:** Your phone rings using the vibrator.
- **Vibrator & Ring:** Your phone rings using both ring and vibrator simultaneously.
- **Vibrator to Ring:** Your phone rings using vibrator to ring.
- **Silent:** Your phone rings using only ramp light.
- **Voice :** Your phone rings using voice tone that say signal and phone number

#### 3.5.2 Ring Type

This menu allows you to select how to be informed of any incoming call. Choose the 'Melody' item to enter the menu.

### 3.5.3 Ring Volume

This option allows you to adjust the key volume to one of seven levels. Use [Navi-UP] and [Navi-DOWN], and then press [Select soft key]. You can change the ring and keytone volumes. Levels between 0 and 7 are available.

### 3.5.4 Key Volume

This option allows you to adjust the key volume to one of seven levels. Use [Navi-UP] and [Navi-DOWN], and then press [Select soft key]. You can change the ring and key volumes. Levels between 0 and 7 are available.

### 3.5.5 SMS&CB

This menu allows you to select how to be informed of new incoming SMS message.  
(Sound 1,2,3)

### 3.5.6 Folder Tone

This menu allows you to select the variable sound when the folder on and off

- Sound : You can hear the default folder tone by selecting this
- Voice : You can hear the default Voice tone by selecting this
- Melody : You can choose any melody from the main melody list as your folder tone by selecting this

### 3.5.7 Voice Tone

You can hear the voice sound when you press the number button and choose the menu.

- **On** : Enables to hear the voice tone sound
- **Off** : Disables to hear the voice tone sound

## 3.6 Security

To access this menu, you must first enter the Pin enable.

The feature enables you to protect the use of your phone. Various codes and passwords are used to protect your phone.

**! Note:** The **Pin enable** is factory set to **1 2 3 4**.

### 3.6.1 Pin enable

With this menu set to On, your phone asks to enter the PIN1 each time the phone is switched

on. If Off, doesn't ask to enter the PIN1.

### **3.6.2 Handset lock**

With this menu set to On, your phone will be locked. The display asks you to enter the Lock Code each time the phone is switched on. If Off, your phone will not be locked.

### **3.6.3 Call barring**

The Call barring service prevents your phone from making and/or receiving certain categories of calls. This function requires the call barring password (obtained from your service provider).

#### **3.6.3.1 All outgoing:** All outgoing calls

- All services: divert all services
- Voice calls: divert voice calls
- Data: divert data calls
- Fax: divert fax calls
- Messages: divert text messages
- Except message: divert all calls except messages

#### **3.6.3.2 International:** All international outgoing calls.

- Same as **All outgoing**

#### **3.6.3.3 Int. ext Home:** All international outgoing calls, except to your home network.

- Same as **All outgoing**

#### **3.6.3.4 All incoming:** All incoming calls.

- Same as **All outgoing**

#### **3.6.3.5 When roaming:** All incoming calls when roaming.

- Same as **All outgoing**

#### **3.6.3.6 Clear all:** Only cancel voice call barring service.

#### **3.6.3.7 Set PassW:** Set the call barring password.

### **3.6.4 Change Code**

You can change all security codes in this menu.

- **Pin1 Code:** You can change your current PIN1 to a new one in this menu.
- **Pin2 Code:** You can change your current PIN2 to a new one in this menu.
- **Phone Code:** You can change your current Phone Code to a new one in this menu.

### **3.6.5 Fixed dialing**

To change the setting of this menu, you must first enter the PIN2.

With this menu set to On. FDN mode is enable and you can only make a call with the numbers

which are stored in the FDN list.

You can find, add, edit or delete the FDN numbers list by pressing [Phonebook soft key] in the idle screen after enabling the FDN mode.

If Off, FDN mode is disable and you can make a call in normal way.

### **3.7 Reset Setting**

This menu calls the factory value back to your phone.

## 4. Secretary



### 4.1 Scheduler

When you enter this menu a Calendar will show up. On top of the screen, there are sections for date and lunar date. You can change the day, month and year by using the navigation keys and numeric keys. Whenever you change the date, the calendar will be updated according to the date. And square cursor will be located on the day.

If you see under bar on the calendar, it means that there is a schedule that day. This function helps to remind you of your appointments, memos. The phone will sound an alarm tone if you set alarm for the note.

#### 4.1.1 Appointment

##### To set up appointment.

1. Select the day.
2. Select the type of appointment.
3. Input a note message.
4. Input the schedule time.
5. Input the repeat type.
6. Input the alarm time.
7. Select the Save option.

#### 4.1.2 Memo

##### To setup memo

1. Select the day.

2. Select the type of memo
3. Input a message.
4. Select the Save option.

#### **4.1.3 Delete All :** Deletes all schedule lists.

You can also use the following keys to move the calendar more conveniently.

1. Left key: move to previous day
2. Right key: move to next day
3. Up key: move to previous week
4. Down key: move to next week
5. Num 1: move to previous year
6. Num 2: move to previous week
7. Num 3: move to next year
8. Num 4: move to previous day
9. Num 5: move to today
10. Num 6: move to next day
11. Num 7: move to previous month
12. Num 8: move to next week
13. Num 9: move to next month

## **4.2 World Clock**

You can set time zone that you want via ‘World Clock’.

When you buy this phone, initial time zone is set to ‘Beijing’.

To use the world clock

1. Press [Left] or [Right] key for moving a time zone that you want.
2. You can see the cities belong to same zone by using [Up] key or [Down] key.
3. You can see current time of selected city.
4. Press **Set** soft key, if you want use.

## **4.3 Calculator**

Your phone has built-in calculator, which can add, subtract, and divide, multiply.

Enter the first number.

1. Press the operator key ([Left] -> ‘/’, [Right] -> ‘\*’, [Up] -> ‘+’, [Down] -> ‘-’).

2. Enter the second number.
3. Press = soft key to display the result.
4. Repeat the above step 1 ~ 4 for other calculation.
5. For successive calculation (12+23-34...), press operator key after step 4. (Previous result will be a first number.)
6. Press [#] key for decimal point.
7. Press [\*] key for minus sign.

#### 4.4 Unit Converter

Your phone has built-in ‘Unit Converter’, which can convert one measure unit to another unit value. Supported units are as below.

Main-Unit	Sub-Unit
Length	cm, m, in(inch), ft(feet), yd(yard), mi(mile), cha, kan, chng(chung)
Width	m <sup>2</sup> , a (are), ft <sup>2</sup> , yd <sup>2</sup> , acre, ch <sup>2</sup> , pyng(pyung), chng <sup>2</sup>
Weight	g, kg, t, gr, oz, lb, don, kun, kwan
Volume	cm <sup>3</sup> , m <sup>3</sup> , lite, in <sup>3</sup> , ft <sup>3</sup> , yd <sup>3</sup> , hop, doe

1. You can select a main unit using ‘Next (soft key)’ key.
2. Current selected main unit is displayed at title area.
3. You can select a sub unit using [Left], [Right] key.
4. Enter a value that you want, and then converted value is displayed.
5. You can select a value of ‘Current’ or ‘Converted’.
6. [#] Key is used at entering decimal point.

#### 4.5 Voice memo

The voice memo features allow you to record up to 3 voice memos and each memo is up to 30 seconds. It is useful when you don’t have a pen and paper for writing a memo.

The following options are available.

- **Record:** Voice recording is started and the states of recording is displayed. The states are “Recording” message and recording time until now. If you want to finish recording, press the [Left soft key] and the memo is stored.
- **Status:** The information of stored voice memo which includes the recording time and date

is displayed. And you can play or delete one of them. Delete all features is also supported.

## 5. Game



The phone has two different games for your enjoyment.

### 5.1 ZooZoo Club

There are 7 kinds of cute animals. Combine more than 3 animal characters in same kind in the straight line up and down, right and left and pass the stage within given time. 4 kinds of items are available and game will be much easier if you make good of them. From the 6th stage, human character is added and the game difficulty level increases.

Menu Screen	Game Screen	Clear Screen	Game Over Screen
The menu screen for 'ZooZoo Club'. It features a title 'ZOOZOO CLUB' in large, colorful letters. Below the title is a scroll with the text 'START', 'KEY INFO', 'RANK', and 'HELP'. There are also icons for a key and a crescent moon.	The game screen shows a 7x7 grid of animal characters. The characters include various animals like cats, dogs, and birds, each with a unique color and pattern. The top of the screen displays 'ZOOZOO CLUB', 'SCORE 00128', and 'LEVEL 03'. The bottom shows 'REMAIN 008'. A red progress bar is at the bottom.	The clear screen shows a checkered background with the words 'LEVEL CLEAR!!' in large, yellow, blocky letters. The top shows 'ZOOZOO CLUB', 'SCORE', and 'LEVEL'. The bottom shows 'REMAIN'.	The game over screen features a large, cute panda character in the center. Above the panda, the words 'GAME OVER' are written in a stylized font. The background is black.

When you arrange over 3 animal characters in the vertical and horizontal direction, the block will break down. Width, length and cross. There are 4 items in which some characters all disappear, and the user can set the puzzle partition at the initial setting. The user shall remove the users as much as given for each stage within the limited time. Since the characters are automatically exchanged when selecting the character and then pressing the direction key, you don't have to

press the key twice.

**<Key Description>**

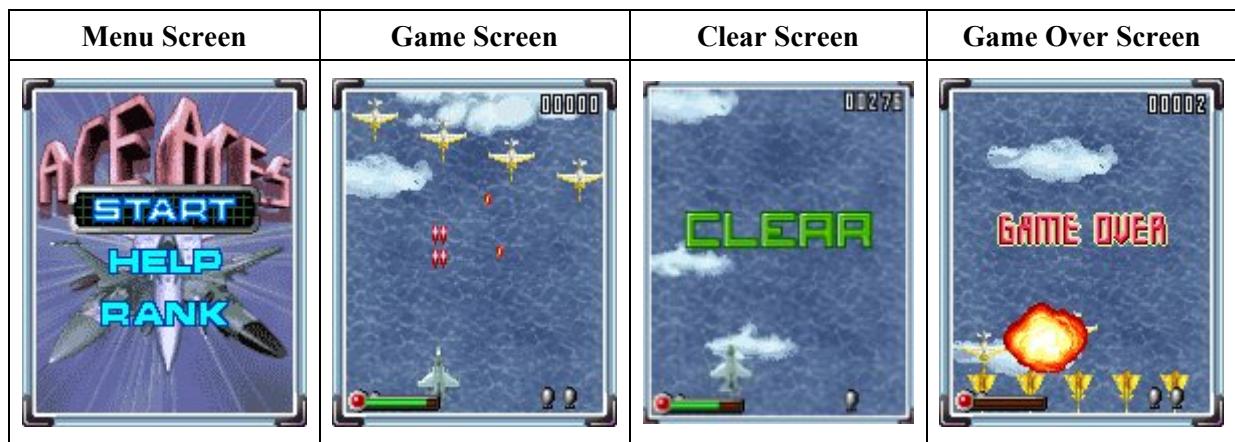
Key	When using Menu / When executing Game
2 / Navi-Up	Move up / Move upward(change after selection)
8 / Navi-Down	Move down / Move downward(change after selection)
4 / Navi-Left	Adjust cell in Cell menu / Move to the left (Change after selection)
6 / Navi-Right	Adjust cell in Cell menu / Move to the right(Change after selection)
5 / WAP or Select	Start game in START, STAGE, or view item details / Select, Cancel selection after selection
CLR	Cancel / Set and release Pause

**<Character Description>**

Characters	Description
	Animals used in the game
	Human character
	Item horizontally disappearing
	Item vertically disappearing
	Item crossly disappearing
	Item that some character disappears (character continues to change)

## 5.2 Ace of Aces

In the year 20XX, some war-manias in world try to bring about the third world war. They would already smuggle many fighters and now be making 3 gigantic aircraft - Aircracker, Horizoner, Cliffhawk. It is a little bit late when the allied forces perceive this secret information. But fortunately those 3 aircraft are insufficient to reinforce the weapons. The allied forces locate the enemy's hideout in desert island of Pacific and send our hero under the mission of destruction of those fighters. Can our hero complete his mission?



A user can select his fighter among 3 aircrafts that have specific ability and effect respectively. In the middle of mission, he can get items for reinforcing-from level 1 to 3-weapons and firing bomb. The effect of reinforcing weapons is different each other. Items will be shown by destructing a transport plane in stage. If a user is attacked by enemy, the reinforced weapon will be default. The stages are constitute of 6 and 2 stages are progressed in one area. A boss in each area is waiting for the user, and the game will be cleared after kill the last (3<sup>rd</sup>) boss.

**<Key Description>**

Key	In Menu	In Game
2 / Navi-Up	Move up the cursor	Move the body up
8 / Navi-Down	Move down the cursor	Move the body down
4 / Navi-Left	Not usable	Move the body left
6 / Navi-Right	Not usable	Move the body right
5/ WAP or Select	Menu Item Select	Usual Attack
1	Not usable	Firing Bomb
CLR	Previous Menu	Pause

**<Character Description>**

Characters	Description
  	Player's fighter
	enemy
	transport airplane of enemy
  	Boss of enemy
 	Item

## 6. WAP

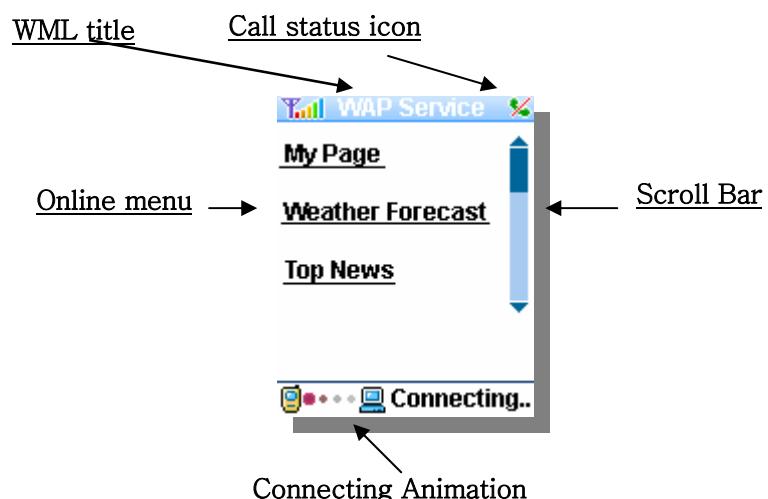


WAP is a standard specifically created for mobile communications devices and gives fast and easy access to the Internet information and services. Now you can find a lot of useful information by using the WAP browser in your mobile phone, instead of using your computer. There are WAP services available that you will be able to access, such as reservation services, news, sports and weather, etc.

The ways in which you can go to a WAP page are as follows:

- Selecting Home menu.
- Selecting Resume menu.
- Selecting a address list in Bookmarks menu
- Entering its address in the online Enter address menu

The following screen describes the WAP browser.



The Call Status indicates the call connection status.

The available icon menus are as follows

-  : Shows that the data call is currently being connected
-  : Shows that the data call is disconnected.

The RSSI Status indicates the RSSI level.

-  : Shows that the current RSSI level

The Title shows the title name of the WML Page.

You can invert the specific hyperlink with a cursor that is indicated as an underline each and view the content by selecting the inverted hyperlink. You may choose these items pressing the [Select] or [SEND] key in the screen.

The Scroll Bar represents the length of the WML Page and the location at which you are currently viewing.

The Browser connecting animations shows that the browser is downloading new data from the network or is moving to a new site. You can also stop browsing using Stop menu in the Browser online menu.

You can move back to the previous page, if any, by selecting Back menu in the Browser online menu. If you move to a new URL, it does reset the history List, so you cannot move back to the previous page.

If a selected link has only one function, the left menu is Select, otherwise Option.

If you press [Option soft key] on the browser, you can use the option menu from WML contents.

If you press [Menu soft key] on the browser, you can use the following available options.

- **Stop:** stops browser action.
- **Go back:** Navigates back one page in the history list.
- **Bookmars:** presents the list and allows you to modify that and go to the Web page you want.
- **Add bookmark:** adds a new list to the bookmarks for the Web page you are viewing
- **Enter address:** allows you to enter a URL to browse to
- **Add Bookmark:** adds a new list to the bookmarks for the Web page you are viewing

- **Home:** connects to the homepage you defined in the profile
- **Top:** jumps back to the top of the current page

The following keys are available for use when browsing:

- [**Navi-UP**]: moves the screen upwards.
- [**Navi-DOWN**]: moves the screen downwards.
- [**Navi-LEFT**]: moves the screen left if needed.
- [**Navi-RIGHT**]: moves the screen right if needed.
- [**SEND**] / [**SELECT**]: selects an item (if it is a selectable item).
- [**END**]: exits the browser.

**! Note:** Although the call is not in active state, if you ask the browser to do an action (by selecting an option menu or by pressing the [Back soft key]), it automatically makes a call and tries to reconnect to the WAP site.

**! Note:** When an active call is disconnected. It will show you disconnected states and costs (if needed)

**6.1 Home:** Once a connection profile has been set up, you can connect to the home page you defined.

**6.2 Resume:** If you once connect a WAP page, this menu allow you to connect to that page directly

**6.3 Bookmarks:** You can access bookmark setting menu of your WAP browser by this menu.

**6.4 Settings:** A WAP profile consists of a group of network settings.

After having set them up, you simply switch between the different WAP profiles, without having to re-enter the settings every time you want to change your network connection.

- **Connect:** At first, select a profile you want to set up. And then you will be asked if you want to Activate, Edit or Rename the profile and you need to choose.
- **Activate:** This option activates the chosen setting as a current WAP setting to be used for the WAP connection.
- **Edit:** This option edits the WAP setting values to connect to Internet.

**! Note:** The setting value varies according to the WAP service provider.

So please contact your network service provider for the values before using WAP services.

If you select Edit, the following options are available.

**Homepage:** Enter the address of the WAP page that you want to use as your home page for the WAP profile. Following editor will be used for editing homepage.

**Image:** This allows you to determine the image display mode.

Display: Display images or not.

Update: Update images or not.

**! Note:** If you use **Update image** mode, the browser shows you a rectangle area before full image data is downloaded.

**Type:** Select type of internet connection.

- **Temporary:** is a non-confirmed (connectionless) service.
- **Continuous:** is a confirmed delivery mechanism but generate more network traffic

**Gateway:** Input gateway user's ID and password, if needed.

- **User ID:** Input user's ID.
- **Password:** Input user's password.

**Bearer:** This option select the data transfer type.

- **Data :** Circuit data transfer
- **GPRS :** Packet data transfer

**GPRS :** This menu allows you can edit the setting data of GPRS network service. The following menus are the setting items of GPRS network service.

- IP address
- Access point
- User ID
- Password

**! Note:** The setting data may varies on the network operator or service provider in your area. If this function does not work, you have to check the exact setting data from your network operator or service provider.

#### **! Note: WAP error codes**

When error or information occurred, the browser shows you the information with popup. If it is critical, the browser is exited. Followings are some useful codes.

**[Code 3]:** Bearer error. When data call failed or GSM data service problems or data call disconnected while you are browsing. Please, check your profile' settings and calling states.

**[Code 225]:** Gateway error. When network's speed is slow or gateway is disconnected as abnormal. Please, try again.

## **7. Multimedia**



### **7.1 Take a photo**

You can enter the preview screen on this menu. For basic functions of this menu, you can refer to the menu above (B. Basic Usages – 3. Camera Function)

### **7.2 Capture mode**

You can set the capture mode ‘Photo’ and ‘Movie’ by this menu before you enter the ‘preview screen’.

### **7.3 Photo List**

This menu lists the photos you have. If you choose the image, you have optional menu as below

- Send : Send the photo by MMS service
- Main Idle Mode : Set the image as an idle image of main LCD.
- Sub Idle Mode : Set the image as an idle image of sub LCD.
- Rename : Edit the title of photo
- Delete : Delete the photo

### **7.4 Movie List**

This menu lists the photos you have. If you choose the image, you have optional menu as below

- Send : Send the movie by MMS service
- Rename : Edit the title of movie

- Delete : Delete the movie

## 7.5 Setting

7.5.1 Quality : You can choose the quality level of photo from high, medium and low.

7.5.2 Auto Save : By this function on, you can save the photos immediately without writing the title.

7.5.3 Shutter Tone : On this menu, you can select the shutter tones when you take a photo.

## 7.6 Memory Status

This menu shows the memory status of photo and movie.

## 7.7 Camera Control mode

The Upper and Lower Menu & Control area shows the status of Camera Setting on preview mode.

If you press ‘’ softkey, the display mode changes ‘preview mode’ to ‘camera control mode’.

In the ‘camera control mode’, you can change the camera setting as you want.

Upper Menu & Control Area	
Capture mode	 : Photo mode
	 : Movie mode
Image Frame Functions	 : If you select Image frame on this menu, the image frames are shown on preview screen. You can search the image frames on and on by using Navi-up&down keys. Total 11 Image frames are supported.
Digital Filter Functions	 : If you select Digital Filter on this menu, the digital filter is applied to the preview image. You can search the digital filter on and on by using Navi-up&down keys. Total 26 Digital filters are supported.
Photo Resolution	 : LCD Size (128*128 pixel)
	 : QQVGA Size (160*120 pixel)
	 : QVGA Size (320*240 pixel)

	 : VGA Size (640*480 pixel)
Timer Function	 : Timer shot (5 sec.)
	 : Timer shot (10 sec.)
Multi-shot function	 : Multi-shot (3shots)
	 : Multi-shot (6shots)
Option	 : If you select this option, you can set other camera settings (quality, auto save, shutter tone)

#### **Control Key Description of Upper Menu & Control Area**

Menu Moving	Navi right & left key
Menu Option Search & Select	Navi up & down key

#### **Lower Menu & Control Area**

Menu Soft Key	
List Soft Key	
Back Soft Key	
Digital Zoom Level Indicator	 x1  x2  x3  x4  x5 (5 level)
Brightness Level Indicator	  (Dark 5 level, Bright 5 level)

#### **Control Key Description of Lower Menu & Control Area**

Enter Camera Control Menu	'  ' soft key
Digital Zoom	Navi up & down key
Brightness	Navi right & left key
Back to the preview mode	'  ' soft key

#### **Movie recording & playing status area**

Play	 : shows the status of playing movie
Record	 : shows the status of recording movie
Stop	 : shows the status of stop
Recording & playing status bar	 : shows the progress of recording & playing

**! Note:** Only the following setting menus are apply to Movie mode.

- Digital Filters
- Quality
- Auto save

## **C. Trouble Shooting**

If you meet a trouble on the your phone operation, please check the followings.

These checks enable you to save the time and expense due to the unnecessary after-service.

### **1. When Enter PIN appears at the power-up.**

The **PIN** check is currently enabled.

You must enter the **PIN** supplied together with your SIM card. You can disable the **PIN** check if you want, please see **Security Setting** menu in section F.

### **2. When Insert SIM screen appears at the power-up.**

Please check that your SIM card is inserted adequately.

### **3. When Enter Lock Code appears at the power-up.**

Your phone is phone locked.

You must enter the **Lock Code** supplied together with your phone.

### **4. No Service appears.**

You probably are in the area out of the coverage of a GSM/DCS network.

### **5. If any tone is not generated when you press a keypad.**

You need to check the Silence Mode setting.

You need to check the **Type** and **Volume** option of **Key Tone** menu.

You need to check **Profiles** menu.

### **6. If an audible alert is not made when a call is received.**

You need to check the Silence Mode setting.

You need to check the **Type** and **Volume** option of **SMS Alert Tone** menu.

You need to check **Profiles** menu.

### **7. If an audible alert is not made when an alarm is expired.**

You need to check the Silence Mode setting.

### **8. If an outgoing call is not made.**

You have probably set an outgoing calls barring option. You need to check **Call Barring** menu.

**9. If an incoming call is not made.**

You have probably set an incoming calls barring option. You need to check **Call Barring** menu.

**10. If an outgoing SMS message is not sent.**

You need to check the **Message Centre** option in **Message Setup** menu.

**11. If all audible key tones are muted and all audible alerts are changed to vibrator alert.**

You need to check the Silence Mode setting.

By just pressing and holding [VOLUME-CENTRE] on the idle screen, you can escape or enter the mode.

**12. If some menus relevant to the sound are not visible on the Sound Setting menu.**

You need to check Silence Mode setting.

By just pressing and holding [VOLUME-CENTRE] on the idle screen, you can escape or enter the mode.

## **D. Safety Information**

For the efficient and safe operation of your phone, observe these manual-lines.

### **1. Everyday Use of your phone**

For normal operating position, hold your phone as you would any other telephone, with the antenna pointed up and over your shoulder.

Do not touch the antenna unnecessarily when your phone is in use, as this will affect call quality and may cause the phone to operate at a higher power level than otherwise needed.

As with any other radio transmitting equipment, you are advised that for the satisfactory operation of your phone and for your own safety, you should use your phone only in the normal operating position.

#### **1.1 Using your phone in a vehicle**

Safety comes first, and is the ultimate responsibility of the driver. Please:

- i) Give full attention to driving – driving safely is your first responsibility.
- ii) Use Hands-free Kit, if available.
- iii) If you have those kits make sure it is done pre-programmed numbers where possible, and keeping calls brief and to a minimum.
- iv) If you don't have a Hands-free Kit, pull off the road and park your vehicle before making or answering a call in driving conditions so require.

#### **1.2 Non-ionizing radiation (exposure to Radio Frequency Signals)**

Your phone is a low power radio transmitter and receiver. When it is on, it receives and also sends the radio frequency (RF) signals. Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your mobile phone. RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Consult your vehicle manufacturer and the manufacturer of any equipment that has been added to the vehicle.

#### **1.3 Pacemakers**

The Health industry Manufacturers Association recommends that a minimum separation of six inches be maintained between a mobile phone and a pacemakers to avoid potential interference with the pacemaker. Users with pacemakers:

- i) Always keep your phone at least 20 cm (6inches) from your pacemakers when the phone is switched on.
- ii) Do not carry your phone in your breast pocket.
- iii) Use the ear opposite the pacemakers to minimize the potential for interference.

iv) Switch off your phone immediately if you suspect that interference is being caused.

#### **1.4 Hearing aids**

Some mobile phones, including your mobile phone, may interfere with certain hearing aids. In the event of such interference you may consult the hearing manufacturer to discuss alternatives.

#### **1.5 Other medical devices**

If you use any other medical devices, please consult a physician or the manufacturer of the medical devices to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Always check the regulations of the healthcare facilities, which generally request that all mobiles are switched off on entry.

#### **1.6 Operating Environment**

Remember to follow any special regulations in force in any area, and always turn off your phone wherever it is forbidden to use it, or when it may cause interference or danger.

#### **1.7 Aircraft Safety**

FCC regulations prohibit using your phone while in the air. Switch off your phone before boarding an aircraft.

#### **1.8 Explosive Atmospheres and materials**

Turn your phone off and do not remove the battery when in any area with a potential explosive atmosphere and obey all signs and instructions. You must observe restrictions on the use of radio equipment in fuel depots; below deck on boats; fuel or chemical transfer or storage facilities; areas where the air contains chemicals or particles, such as grain, dust, or metal powders; areas with signs about explosive atmospheres or where blasting operations are in progress; any other areas where you would normally be advised to turn off your vehicle engines.

#### **1.9 For Vehicle Equipped with an Air Bag**

All air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag development area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

#### **1.10 Battery charging**

Do not charge the phone without the battery in place.

## **E. Glossary**

### **Cell Broadcast**

This network service allows you to receive the broadcasted text messages on various topics such as weather, traffic, local district code, local hospitals, taxis or pharmacy in the area where you are.

### **CUG (Closed User Group)**

This network service allows the restriction of calls to and from a selected user group.

### **DTMF (Dial Tone Multi Frequency)**

Codes sent as tone signals. Used for telephone banking, for accessing an answering machine, etc.

### **GSM**

Global System for Mobile communication. This is a digital mobile telecommunication system that are used in most of the world.

### **GPRS**

This is a abbreviation of General Packet Radio Service which enables a packet data communication with a high-speed.

### **Network Service Operator**

To be able to use your phone, you need a subscription to a network. You get this subscription from a network operator, together with a SIM card that you need to use with your phone.

### **MMS (Multimedia Message Service)**

This is a abbreviation of Multimedia Messages Service. The data including text, image, sound and movie can be sent with this service.

### **PIN (Personal Identification Number)**

The code is to establish authorization for access to certain functions or information in your SIM card.

The PIN code comes with your subscription. It may be a four to eight digit number and can be changed as required.

### **PIN2 (Personal Identification Number 2)**

The code is an authorization code to access certain special field in your SIM card. The PIN2 code does not come with your subscription in some country.

**Roaming**

Use of your phone when you are outside your subscription network area.

**SIM (Subscriber Identity Module)**

It contains subscriber details, security information and memory for a personal directory of numbers.

**SMS (Short Message Service)**

Messages to be sent and received via the network service operator's message centre to your mobile phone. To use this service, it must be supported from your network.

**WAP (Wireless Application Protocol)**

A standard specifically created for mobile communications devices and gives fast and easy access to Internet information and services.

# **Safety Information**

## **1 . SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS**

### **.POTENTIALLY EXPLOSIVE ATMOSPHERES**

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

### **INTERFERENCE TO MEDICAL DIVICES**

Certain electronic equipment may be shielded against RF signal from your wireless phone. (pacemakers, Hearing Aids, and so on) Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so.

RF signals may affect improperly installed or inadequately shielded electronic system in motor vehicles.

### **.EXPOSURE TO RF ENERGY**

Use only the supplied or an approved replacement antenna.

Do not touch the antenna unnecessarily when the phone is in use.

Do not move the antenna close to, or touching any exposed part of the body when making a call.

# **SAR INFORMATION**

THIS MODEL PHONE MEETS THE GOVERNMENT'S  
REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. \* Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is **1.32 W/Kg** and when worn on the body, as described in this user guide, is **0.558 W/Kg**. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on **FCC ID: SK8G906**.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>.

\* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

# **SAFETY INFORMATION FOR RF EXPOSURE**

## **Body worn operation**

This device was tested for typical body-worn operations with the back of the phone kept 15 mm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 15 mm. separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

# **FCC Compliance Information**

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received.

Including interference that may cause undesired operation.

U.S.A.

**U.S.FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO FREQUENCY INTERFERENCE STATEMENT**

**INFORMATION TO THE USER**

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful Interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if Not installed and used in accordance with the instructions, may cause harmful Interference to radio communications. However, there is no guarantee that interference will not occur in a particular Installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

Changes or modification not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.