BG-A318 Phone

User’s Guide

About this manual

Welcome to the BG-A318 Phone. Your Bluewinc Phone comes with two parts.

- **'Before you start' (Included in one sheet)**
- **'Operation Instruction' (This guide)**

Before using your BG-A318 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 BG-A318 one.

These manuals can also serve as a source of information if you have problems operating your BG-A318 Phone.

The contents of this guide are:

- **'Before you start' (Included in one sheet)**

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Before you start

BG-A318 Phone

A. Features

1. Unpacking

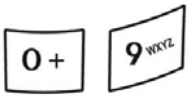
Your package lists are as shown as below (Supplied)

Handset, Travel Adapter, Straight Headset, Battery, User's Manual, Hand Strap

2. Phone Layout

The following illustration shows the main elements of your phone.

2.1 Keys Description (dragon :)

Key	Description
	Performs the functions indicated by the text in the bottom line of the display screen above those keys.
	Makes or answers a call. In the idle mode, launches the **Dialled** calls list In the menu, selects menu function or stores information that you have entered (such as a name) in the phone or SIM memory.
	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.
	Alarm
	Enters numbers, letters and some special characters.

0 +	Long press ‘0’ to make international call.
#	Long press ‘#’ to lock the phone.
*	Enters manner mode.
	(On the left side of phone) During a call, increases the earpiece volume. In the idle mode, activates the key volume It toggles the silence mode when pressed and held in the idle mode.
	Voice memo recoding (pressing and holding)
@	In the editing mode, moves the cursor. In the menu, moves the menu cursor. In the idle mode, each key has following functionality. [**NAVI-LEFT**] : launches the **Message** menu. [**NAVI-RIGHT**] : launches the **Ring Tone** list [**NAVI-UP**] : launches the **Settings** menu. [**NAVI-DOWN**] : launches the **Alarm Settings** menu
	[**NAVI-CENTRE**]: accesses the WAP site. In the text edit mode, press for change input method.

2.2 Blue Color Backlight

The display and keypad are illuminated by a blue color backlight. When you press any key, the blue backlight illuminates. It turns off if no key is pressed within a given period of time, depending on the option set in the **Phone Settings** menu.

2.3 65,000 Colors LCD & Sub LCD

1. The main LCD colour has 65,000 colours. You can be enjoy the more clear LCD colour with your phone

2. The Sub LCD has 65,000 colours. You can be enjoy the more clear Sub LCD colour with the phone.

3. When you turn on the phone, you can see **[Welcome]** on the Sub LCD.

4. When you turn off the phone, you can see **[See You]** on the Sub LCD.

2.4 Seven colors LED

On the upper side of the Sub LCD, there have seven colors LED.

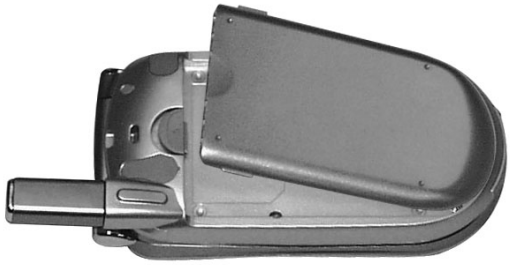
When there is a incoming or outgoing call, the bar will illuminates seven colors in order.

It turns off when you pick up the phone.

2.5 Battery

a. 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.



b. 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.

c. 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 two hour.
3. The first charging must be for at least 2 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.

2-6. 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.

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

2.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)

3.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 Display Screens in the Idle Mode

3.1.1 < Main Display Screen >

← Fixed Icon Area

← Network Status Area

← User Setting Screen Area

← Time & Date Area / Soft Icon Area

← Function Key Area

Fixed Icon Area:

7 fixed icons such as **RSSI**, **SMS**, **Vibrator**, **Call Forward**, **Alarm**, **Roaming**, and **Battery** are displayed indicating the phone status.

3.1.2 Icons

Signal strength : Shows the received signal strength. The greater the number of bars, the better the signal strength.

New Message: Appears when a new text message has been received.

New Voice Mail: Appears when a new voice mail message has been received.

Roaming: Appears when the phone is out of your home network area and phone has registered to the ne twork other than its home service. (i.e. when traveling in other countries with GSM service)

Call Activate: Appears when the call is activated.

Call Forward: Appears when the call is forwarded.

Call Barring: Appears when the call barring service activated.

Vibrator on: Appears when the vibrate mode is on. An incoming call will vibrate the phone rather than ring it.

Alarm on: Appears when you set an alarm.

Battery strength: Shows the level of your battery. The more bars you see, the more power you have left.

< Fixed icons in the main display screen >

Fixed Icon	Description
	Shows the received signal strength. The larger the number of bars, the better the signal strength.
	Appears when text message has been received
	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 the call is forwarded.
	Appears when vibrator is selected as ring tone type.
	Appears when an alarm clock is enabled.
	Shows the level of battery status. The more bars you see, the more power battery has left.

< Soft icons in the sub display screen >

Soft Icon	Description
	Shows the received signal strength.
	Appears when text messages are full **(dragon:)**
	Appears when an alarm clock is enabled.
	Appears when the call is forwarded.
	Appears when vibrator is selected as ring tone type or when Silence Mode is enabled.
	Shows the level of battery status.

< Event icons in the sub display screen >

Event Icon	Description
	Indicates that the battery of your phone is being charged.
	Appears when a alarm is expired. **(dragon: 해당 그림 없음)**
	Appears when a new text message has been received
	Appears when the call is activated.
	Appears when the call is forwarded.

	Appears when SMS & Voice Mail has been received
	Appears when Voice Mail has been received.
	Appears when the call barring service activated.

Network Status Area:

Network name registered is displayed.

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

During finding the network, **Searching** is displayed.

If you are in the coverage area of a GSM network but the network service is not stable, **Limited Service** is displayed.

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 this case, the Network Status Area updates the received broadcast messages.

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

User Setting Screen Area:

Digital Clock, **Analog Clock**, **Wallpaper** is displayed according to the setting of **My Phone** menu.

You can setting the **Digital Clock** and **Analog Clock** in the menu of **[My Phone]**, select the **[Clock Type].**

You can setting the **Wallpaper** in the menu of the **[My Phone]**, Select the **[Wallpaper]** .

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

Time & Date Area / Soft Icon Area:

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

Function Key Area:

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

3.1.3 < Sub Display Screen >

← Soft Icon Area

← Time Area

Soft Icon Area :

6 soft icons such as **RSSI**,**SMS**,**Call Forward**, **Vibrator**, **Alarm**, and **Battery** are displayed

Time Area:

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

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 you SIM card is supported.
This menu may be not 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

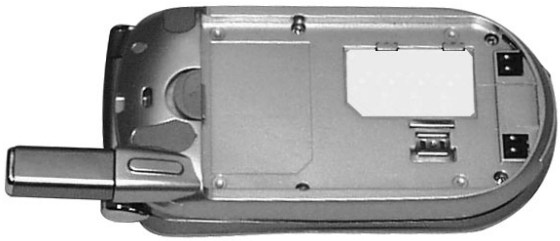
Ensure the phone is switched off and the travel charger is detached first before you start the following steps.

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 remove the SIM Card

When you remove the SIM Card, the phone must power off. If you remove the SIM Card when power on, The memory of the SIM Card (Messages and Call Logs) will be erase.

! 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 Uses

1. Power On/Off

1.1 How 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. 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 4.6.

! 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 4.6.

If the Phone lock screen is appear, you can press [**Unlock**] and enter your **Lock Code** and then press **OK**.

The default **Lock Code** is **1 2 3 4**.

For more details, please see Security Setting in Menu 4.6.3.

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

2. Security Codes

The security codes are used to protect your phone and SIM card from other person's use and control access to security and other options within the menus.

You can change the security codes. For more details, please see the **Security Setting** Operation Instruction menu in 4.6.

2.1 PIN1

PIN1 is Personal Identification Number, used to safeguard your SIM card.

PIN1 code is composed of at least 4 to 8 digits, and usually provided with your SIM card.
If the **PIN**1code is entered incorrectly more than three times in succession, **PIN1** will be blocked and your SIM card will automatically lock-up. Once your SIM card is blocked, you must put the Pin number to use your phone again.

2.2 PIN2

PIN2 is Personal Identification Number 2, used to access specific function of your SIM card. **PIN2** code is composed of at least 4 to 8 digits, is only available when your SIM card supports such functions. If the **PIN2** code is entered incorrectly three times in succession, **PIN2** will be blocked and your SIM card will automatically lock-up.

2.3 Phone Lock

Lock Code is used to prevent your phone from being used by another person. The code is composed of 4 digits. The code is provided with your phone and is preset from factory to default setting of '**1 2 3 4**'

2.4 Fixed Names

Fixed Names is used to access call barring service and the code is the network password of four digits code. In order to get the **Fixed Names**, you should subscribe call barring
service on your network service provider and then request for the **Fixed Names**

3. Call Function

3.1 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** function key] once to delete the last digit that you have entered. To remove all the digits, press and hold the [**Clear** function key] down until they are deleted, or press **[Back** soft key**]**.

2. Press the [**SEND**].

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

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

3. You can save the phone number that you entered by press [**Save** soft key].

! 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 **Speed Dialing** for more details.

● **Quick dialing from recent calls list**

1. Press following key for the each recent call in the idle screen.
   [**SEND**]: the recent **10** outgoing calls.
   [**NAVI-LEFT**]: the recent **10** missed calls.
   [**NAVI-RIGHT**]: the recent **10** answered calls.
2. Locate the cursor with [**NAVI-UP**] or [**NAVI-DOWN**] to the name or number you want to call.
3. Press [**SEND**] to make a call.

3.2 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 or SIM) is displayed.
   If the caller is not identified, **Num. Withheld** (if the network suppresses the number display) is displayed.

2. When you answered the incoming call, the call activate icon on the phone will flash
   Press [**Accept** 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**] key.

! 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 [**Reject** soft key] or [**End**] key.
   The call number is saved in the Answered calls list.

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

3.3 During a call

During a call, press the **[Menu]** key, thfe following options are available.

A. Putting a call on hold/unhold

You can put the current call on hold or unhold during a call.

B. Mute/ Unmute

You can select mute or unmute during a call.

C. DTMF On / DTMF Off

You can select DTMF on or off during a call.

D. Send My Number

You can send your number during a call.

E. Adjusting the earpiece volume

During a call, you can adjust the earpiece volume.
To increase the volume, press the [**VOLUME-UP**] or [**NAVI-UP**] or **[NAVI-RIGHT]** key.
To decrease the volume, press the [**VOLUME-DOWN**] or [**NAVI-DOWN**] or [**NAVI-LEFT**] key.

Watching the date

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

C. Device Care

1. Phone and Battery 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.

BG-A318 Phone Operation Instruction

A. Operating Instruction - Basic

1. Call function (Direct key Function)

1.1 Direct key for Voice memo

Start recoding voice memo

You can start recording voice memo by just pressing and holding the **[Voice memo key]**.(On the left side of the phone)

The states are 'Recording' message and recording time until now.

If you want to finish recording, press the [**Stop** soft key] and the memo is stored.

Voice recording animation will be shown , if the voice memo lists are full.

1.2 Direct key for Manner Mode

You can change the sound/alert mode of your phone by just pressing and holding the **[Star "*" key]**.

Icon on the top left 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.

If you want to return the normal mode, press and hold the [Star "*" key] again.

1.3 Direct key for SMS message menu

You can enter the SMS message menu by just pressing the [**NAVI-LEFT**] key.

1.4 Direct key for Phonebook Menu

You can enter the phonebook menu by just pressing the [**Names function key**]

1.5 Direct key for Ring Tone

You can enter the ring tone lists by pressing **[NAVI-RIGHT].**

The ring tone lists will be shown and you can choose the ring tone.

1.6 Direct key for Settings

You can enter the settings lists by pressing **[NAVI-UP].**

The settings lists will be shown and you can choose what you want to choose.

1.7 Direct key for Alarm

You can enter the alarm menu by pressing **[NAVI-DOWN].**

You can set an alarm time by enter the hour & minute.

1.8 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 **+**.

1.9 Locked the Phone

.Press and hold down the symbol key **[#]** until the lock screen occurred.

1.10 Direct key for WAP browse

Start WAP browser

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

2. Entering text

eZi Input Mode

You can select following text input modes by pressing [**NAVI-CENTRE**] on each editing screen.

English

Quick English

Number

Symbols

If you are in the **English** mode, the [*] key is used to switch the letter entry mode.

(**<Abc>** -> **<ABC>** -> **<abc>**)

If you are in the **Quick English** mode, the [*] key is used to switch the letter entry mode.

(**<**ZiAbc**>** -> **<**ZiABC**>** -> **<**Ziabc**>**)

By pressing and holding [*] key in an input mode, **Number** mode can be selected.

By pressing and holding [#] key in an input mode, **Symbols** mode can be selected.

2.1 English input mode

English 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.

[Key Function Table]

[**Ok** soft key]	Accept the string entered on the editing area, and then turn to next menu or screen.
[**Back** soft key]	Clear all the string entered on the editing area, and then turn back to previous menu.
[**CLR**]	Clear a character of the string entered on the editing area.
[**LEFT**]	Move the cursor to left direction by a character on the editing area.
[**RIGHT**]	Move the cursor to left direction by a character on the editing area.
[**CENTRE**]	Short: launch the character input mode selection menu.
[**1**] **–** [**9**]	Text entry. (See the Character List Table)
[**0**]	Space
[**#**]	Long: switch to the **Symbols** input mode.
[*]	Short: switch the letter entry mode. (<**Abc**> - > <**ABC**> -> <**abc**>) Long: switch to the **Number** input mode.

[Character List Table]

Key	Characters
[**0**]	**SPACE , + - = 0**
[**1**]	**. ? ! ; : 1**
[**2**]	**A B C 2 Ä Ç** **a b c 2 à ä**
[**3**]	**D E F 3 É SPACE** **d e f 3 è é**

[4]	**G H I 4 @ SPACE** **g h i 4 ì @**
[5]	**J K L 5 & *** **j k l 5 & ***
[6]	**M N O 6 Ö SPACE** **m n o 6 ò ö**
[7]	**P Q R S 7 β** **p q r s 7 β**
[8]	**T U V 8 Ü** **t u v 8 ù ü**
[9]	**W X Y Z 9 #** **w x y z 9 #**
[#]	Long: switch to the **Symbols** input mode.
[*]	Short: switch the letter entry mode. (<**Abc**> - > <**ABC**> -> <**abc**>) Long: switch to the **Number** input mode.

2.2 Quick English Input mode

Using the **Quick English** mode, you can enter words by successively pressing the key corresponding to each letter in order to get the desired word. Although each key of the numeric keypad represents several letters, only one key press per letter is required. The **Quick 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, **Quick 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]

[**Ok** soft key]	Accept the string entered on the edit screen, and then turn to next menu or screen.
[**Back** soft key]	Clear all the string entered on the editing area, and then turn back to previous menu.
[**CLR**]	Clear a character of the string entered on the editing area or clear a character on the active word(the word remain active).
[**LEFT**]	Accept the active word and then move the cursor to left direction by a character on the editing area.
[**RIGHT**]	Accept the active word and then move the cursor to right direction by a character on the editing area.
[**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.
[**CENTRE**]	Short: launch the character input mode selection menu.
[**1**]	Not Use.
[**2**] **-** [**9**]	Text entry.
[**0**]	Space (It means the previous word entry is accepted)
[*]	Long: switch to the **Numeric** input mode. Short: switch the letter entry mode. (**<T9ABC>** -> **<T9Abc>** -> **<T9abc>**)
[**#**]	Long: switch to the **Symbols** input mode.

[**#**]	Long: switch to the **Symbols** input mode if there are Chinese Sets without identity number in the candidate area.

2.3 Number Input mode NUM

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

[Key Function Table]

[**Ok** soft key]	Accept the string entered on the edit screen, and then turns to the next menu or the screen.
[**Back** soft key]	Turn back to the previous character input mode.
[**CLR**]	Clear a digit of the string entered on the editing area.
[**LEFT**]	Move the cursor to the left direction by a digit on the editing area.
[**RIGHT**]	Move the cursor to the left direction by a digit on the editing area.
[**CENTRE**]	Launch the character input mode selection menu.
[**0**]	Short: 0
[**1**] **-** [**9**]	Number entry.
[*]	One time of pressing : '*'
[**#**]	One time of pressing: '#'

2.4 Symbol Input mode

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

[Available Symbols]

[

. , ? ! : ; + - * /
= ‘ ' " ~ ^ @ $ & #
% ( ) < > [ ] { } \
_ | (

[Key Function Table]

[**Ok** soft key]	Accept the string entered on the editing area, and then turn to next menu or screen.
[**Back** soft key]	Turn back to the previous character input mode.
[CLR]	Clear a character of the string entered on the editing area.
[**LEFT**]	Move the cursor to the left direction by a digit on the editing area.
[**RIGHT**]	Move the cursor to the right direction by a digit on the editing area.
[**UP**]	Page up the Symbol Set if there are Symbol Sets in the candidate area.
[**DOWN**]	Page down the Symbol Set if there are Symbol Sets in the candidate area.
[**CENTRE**]	Launch the character input mode selection menu.

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 50 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** function 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 <eZiAbc>), you can change input method by pressing [@] key.
3. Press the [**OK** soft key]. (The stored names in the phonebook will be listed in alphabetical order.)I n this list, you can press **[Menu]** key to

[New] You can add a new entry in the phone book or SIM.

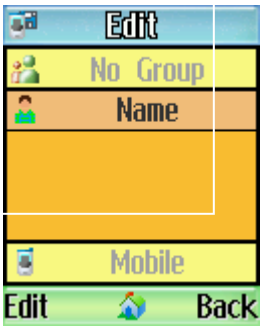
[SMS] You can send a SMS to this person which you had highlighted. You can find the num ber in phone book or recent calls by press **[menu]** key.

[Copy] You can copy to this record to SIM or phone which you had highlighted.

[Delete] You can delete to this record in SIM or phone which you had highlighted.

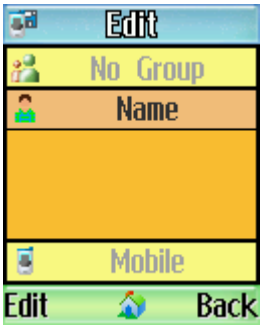
4. Press **[NAVI-UP]** and **[NAVI-DOWN]** to find the name of the person you wish to Call. Then you can press [Send] key to dial.
5. Press the [**Select soft key**], **[NAVI-UP]** and **[NAVI-DOWN]** in the name of the person then you can see the details of this person. (Group, Name, Phone Number and Melody)
6. If you want to change the details in the phone book, press the **[NAVI-UP]** and **[NAVI-DOWN]**, there are four options for you to change different items.

A.



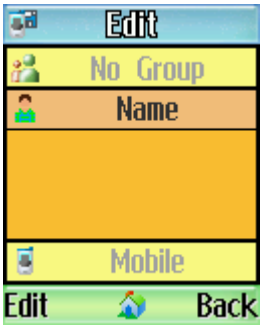
In this option, you can change the Name of the person by press [**Edit** soft key].

B.



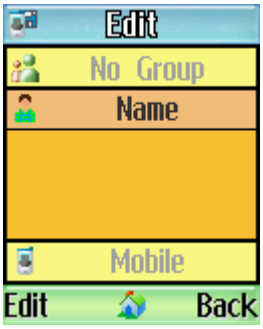
In this option, you can change the Phone number of the person by press [**Edit** soft key].

C.



In this option, you can change the Melody of the person by press [**NAVI-LEFT**] or [**NAVI-RIGHT**].

D.



In this option, you can change the Group of the person by press [**NAVI-LEFT**] or [**NAVI-RIGHT**].

Press the [**Save** soft key], you can save the details that you changed.

3.2 Add New entry

1. Press the [**Select** soft key] in the Phonebook. (To select **Add New Entry** in the menu).
2. Press [**NAVI-UP**] and [**NAVI-DOWN**] to select **Phone** **or** **SIM**. It used a square cursor on the right To show the memory used
3. If you select **SIM**, you can select following category type.

   name: Add the enter name

   Number: Mobile Phone Number

   Melody: Press [NAVI-LEFT] and [NAVI-RIGHT], six melody you can select

   Group: Separate the group, ten groups you can select

   If you select **Phone**, press the [**Edit** soft key], you can add following category type.

   Press the [**NAVI-UP**] and [**NAVI-DOWN**] to select which items you want to add.

   name: Add the enter name

   Mobile: Mobile Telephone Number

   Office: Office Telephone Number

   Home: Home Telephone Number

   Other: Other Number

   Email: Email address

   Memo: Write memo

   Melody: Press [NAVI-LEFT] and [NAVI-RIGHT], six melody you can select

   Group: Separate the group, ten groups you can select

You can save all the above items by 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.

Press the [**Select soft key**], select the name in the phone book or SIM.

Press the [**Option soft key**], you can change or delete the speed dial.

3.4 Copy/Delete All

You can copy all the phone book memory from phone to SIM or SIM to phone in this menu. Also, you can delete all the memory in the SIM card and phone.

3.5 Search By Group.

Press the [**Select** soft key] in the Phonebook. (To select **Search By Group** in the menu)

You can find the phone no by group.

3.5 Group Edit

There are 10 groups for you and can be edit.

[FAMILY]

[FRIENDS]

[BUSINESS]

[USEFUL]

[VIP]

[GROUP 1]

[GROUP 2]

[GROUP 3]

[GROUP 4]

[GROUP 5]

For each group, press the [**Select** soft key] , you can change the details in the phone book.(Name,

mobile, Office, Home, other, Email, Memo, Melody, Group). Same as new entry.

3.7 My Number

Press the [**New soft key**], You can add the name , phone number.

Press [**NAVI-UP**] and [**NAVI-DOWN]** to select which items you want to add, and then press [Edit soft key].

Press the [**Save soft key**], You can save the items you added.

Press the [**Menu key**], you can **delete** the own number that you had highlighted.

3.8 Memory Status

Press the [Select soft key] in the phonebook.(To select **Memory status** in the menu)

The memory usage is shown as the number of locations currently in use followed by total available locations.

Ex> SIMCard 18/250

Phone 0/300

For the SIM card memory size, it is depend on the SIM provided by your network.

B.Operation Instruction – MENU

1. My Phone

1.1 Skin

In the Skin menu, eight options are available.(Normal, Cyan, Orange, light green, light blue, Green, blue, and pink).

You can change the theme colour by choosing one of the following. A square cursor shows the current status on the right side.

1.2 My Menu

You can select which function can appear in the short cut by pressing [**Toggle** soft key]. That's mean it will appear the function with a tick.

[Skin]

[Wallpaper]

[Morning Call]

[Calendar]

[World Clock]

[Calculator]

[Unit Converter]

[Stop Watch]

[Security Setting]

[Game]

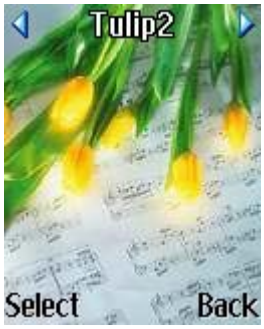
Tips: You can select the menu by quick finding method. Press the **[Menu Function Key]**, then press the Number key to select the function you want. Each function have one number to represent.

1.3 Wallpaper

Wallpaper is a display Screens in the Idle Mode. There are 23 sample image and image file can be choose.

[Sample file]

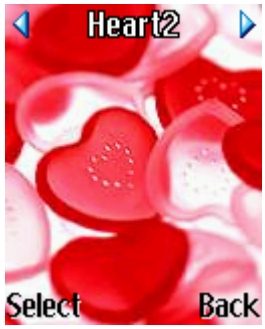
Tulip1
Select
Back


Tulip2
Select
Back

Cosmos
Select
Back

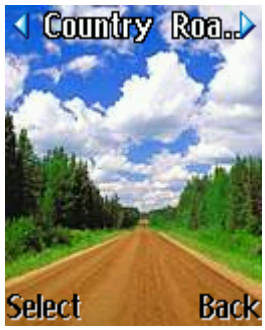
Rose
Select
Back

Heart1
Select
Back


Heart2
Select
Back

Heart3
Select
Back

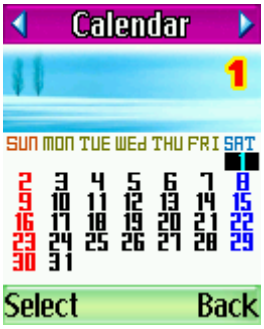
Heart4
Select
Back


Country Roa..
Select
Back

Sea
Select
Back

Seascape
Select
Back

Maple
Select
Back



[Image file]

You can download your favour image through the P.C.SYNC function.

1.4 Greeting

If you want to display a special text in the User Settings Screen Area of idle screen, you can edit it. The content can be English character, number or symbols. You can change input method by pressing [@] key.

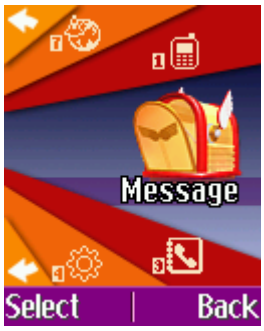
1.5 Banner

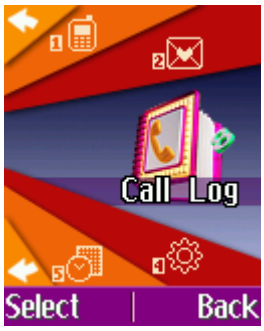
You can edit a banner, which is showed in User Setting Screen Area. The content can be English character, number or symbols. You can change input method by pressing [@] key.

1.6 Display Menu

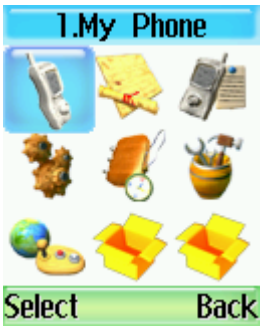
You\can choose **[I mage]** or **[I con]** to represent your menu. First select the type, which you want. Then press [select] and [OK] for activ ate. A square cursor shows the current status on the right side.

Image Menu





Icon Menu



1.7 Clock Type

There are two LCD can be display the clock. One is a smaller LCD outside the folder and the other one was placed inside. A square cursor shows the current status on the right side.

1.7.1 Main LCD

The larger LCD placed inside folder.

Digital Clock

Analog Clock

2 Clock

You can choose one of the above. Press [select] and [OK] for activate.

1.7.2 Sub LCD

The smaller LCD placed outside the folder.

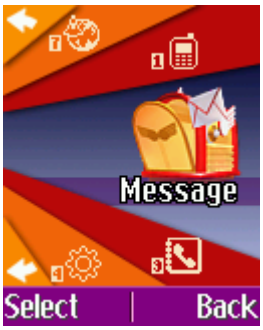
Digital Clock

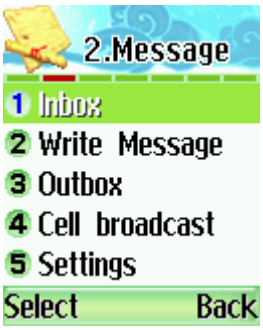
Analog Clock 1

Analog Clock 2

You can choose one of the above. Press [select] and [OK] for activate.

2. Message





2.1 Inbox

With this menu, you can view the Unread messages or the read messages by pressing **Unread** or **Read.**

If you press [**Select** soft key], you can see the preview of the message contents. Then using [**NAVI_UP**] and [**NAVI-DOWN**] select the message for detail.

Sender phone numbers are displayed on the list.

If you select **[Reply]**, that allows you to send a reply message to the person of the viewed message. The content can be English character, number and symbols. You can change input method by pressing [@] key.

If you want to delete the message, you can press the [**Menu** key], and then you can delete the message that you had highlighted or delete all.

Tips 1: In the message details screen, you can press the menu button to get a sub menu

Edit: You can edit the content in the inbox message.

Forward: You can forward the message to other number.

Cut Number: You can select all the numbers that show in the message.

Delete: You can delete the message that you had highlighted.

Tips 2: In the Reply screen, you can press the menu button to get a sub menu

Add Number: You can add the number that you want to reply.

Add Text: You can add the content that you want to reply.

Save: You can save the message that you have replied.

2.2 Write Message

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

2.2.1 Text

Input a text message by pressing the [**Text**]. You can type in the content directly or press **[Menu]** Key to find the sub menu.

In the sub menu, the following options are available.

Add Number: You can add the number in your content.

Add Text: You can add a frequent users contents stored in **Canned Message**.

Save: You can save the message content here.

The content can be English character, number and symbols. You can change input method by pressing **[@]** key. After completed the content, press [**Options** soft key], you can select send or save and send the messages, then enter the one or you can send 10 recipients phone number at the same time on the **Destination** screen. You can input the number directly, get from the phonebook or recent calls by pressing the [**Menu**] key.

After input the phone number press [**OK**] to send.

2.2.2. Canned Message

It is a preset message contents. You can store up to 10 frequent uses content.

.

2.3 Outbox

You can find Sent and Unsent message here.

2.3.1 Sent

You can find the message which you have sent.

Press the [**Menu key]**, you can delete the sent message that you highlighted or delete all.

Press the **[Select soft key],** you can see the sent message details that you highlighted.

Press the **[Edit soft key]**, you can edit the contents of the message. If you press the [Menu key],

You can select to **Add Number**, **Add Text** and **Save** the message which you have sent.

Press the **[Options soft key]**, you can select **[Send]** or **[Save and Send]** the message.

2.3.2 Unsent

When you inputting the message content but you do not want to send immediately, you can save it in the unsent menu.

Press the **[Menu key]**, you can delete the unsent message that you highlighted or delete all.

Press the **[Select soft key]**, you can see the unsent message details that you highlighted.

Press the **[Edit soft key]**, you can edit the contents of the message. If you press the [Menu key],

You can select to **Add Number**, **Add Text** and **Save** the message which you haven't sent.

Press the **[Options soft key]**, you can select **[Send]** or **[Save and Send]** the message.

2.4 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. For more information about topics, please contact your service provider.

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

2.4.1 Activate

This menu allows you to enable or disable the reception of the broadcasted text messages. A square Cursor show the current status on the right side.

On: Enables to receive all broadcasted text messages

Off: Disables to receive the broadcasted text messages

2.4.2 Read

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, **Empty List** is displayed.
You can read the message through by pressing [**NAVI-DOWN**].

2.4.3 New Broadcast

This menu allows you to add the subject items of the broadcasted text message.
Enter the name of the subject items, you can change input method by pressing [@] key.
Enter the MID, each item is identified by four digits index.

2.4.4 CB List

You can check the Cell Broadcast Channel which you already added.
Press [**Delete soft key**], you can delete the cell broadcast items here.

2.5 Settings

2.5.1.SMS Settings

2.5.1.1 SMS Centre

With this menu, you can edit or store the message service centre number.
The number can be obtained from your home network service provider.

2.5.1.2 Delivery Report

This menu allows you have the delivery report by choosing **ON** or **OFF.** A square cursor shows the current status on the right side.

2.5.1.3 Validity Period

This menu allows you to set the length of time period that your text message will be stored at the Message Service Centre in the network while attempts are made to deliver them to the recipient. Available options are **1hour**, **12hours**, **24hours**, **1week**, **Max**. A square cursor shows the current status on the right side.

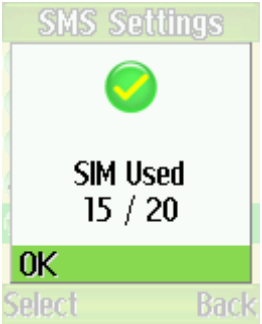
2.5.1.4 Type.

With this menu, you can use a network messaging service which offer you the facility of converting your text messages into alternative formats.(**Text, Fax, Paging**). A square cursor shows the current status on the right side.

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

2.5.1.5 Memory

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



EX) SIM Used 04/20

2.5.2. Voicemail

Your phone is capable of dealing with voicemail if this service is supported on the network. If the voicemail has arrived.

2.5.2.1 Connect to Mailbox

With this menu, dial to your voice mailbox, you can listen to the voicemail.

.

2.5.2.2 Active

Two types of mail box can be choose. A square cursor shows the current status on the right side.

HomeMbox

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

RoamMbox

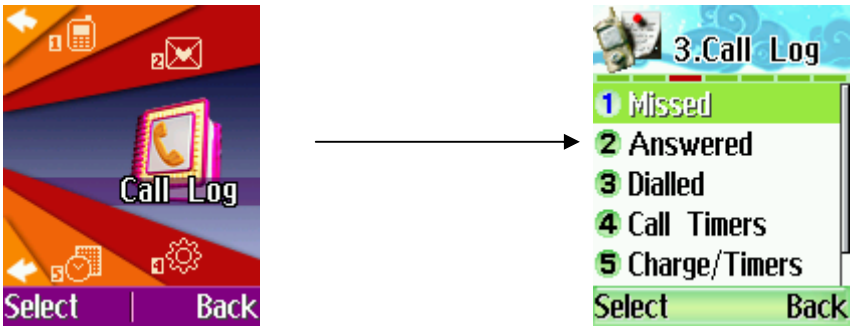
The voicemail number is to dial when you are on the other network to listen to the voicemail.

2.5.2.3 Set Voicemail

In this menu, you can set the mail box number. After you had set the mail box number, you can use the 2.5.2.1 Connect to Mailbox function. You do not need to remember the mail box number. For the Mail box number, you can contact your network provider.

! Note: The voicemail service may not be available on all networks. For more details, please contact your network service provider.

3.Call Log



Within this menu, you can identify all call records that you have missed, answered and dialed.

Tips: You can select the menu by press the [NAVI-LEFT] and [NAVI-RIGHT] when you in the missed, answered and dialed menu. At the upper side of the screen, each call has one number to represent.

3.1 Missed

This menu lets you view the last 20 missed calls.
In the missed 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 [**Detail** soft key].
In this screen, you can view the details of the record and pressing **Save** to saving in SIM or Phone after edit.
If you have missed calls, it will show in the Sub-LCD by the word **missing call** when you close the folder.

3.2 Answered

This menu lets you view the last 20 received calls.
In the received 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 [**Detail** soft key].
In this screen, you can view the details of the record and pressing **Save** to store the record in SIM or Phone after edit.

3.3 Dialled

This menu lets you view the last 20 dialed calls.
In the outgoing 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 [**Detail** soft key].
In this screen, you can view the details of the record and pressing **Save** to store the record in SIM or Phone after edit.

3.4 Call Timers

You can reset the call timers of the Last call, Incoming Calls, Outgoing Calls, All Calls & Reset All.
The following options are available.

3.4.1 Last Call: allows you to check the duration of the last call.

3.4.2 Incoming Calls: allows you to reset the incoming calls.

3.4.3 Outgoing Calls: allows you to reset the outgoing calls.

3.4.4 All Calls: allows you to reset the all calls.

3.5 Charge/Timers

You can check the charge of the call, how much credit remaining in this function.
The following options are available.

3.5.1 Credit: allows you to check how much credit remaining.

3.5.2 Rate: allows you to check the rate of the charge.

3.5.3 Limit: allows you to know the limit of calling time.

3.5.4 Last charge: allows you to check the charge of last call.

3.5.5 Total charge: allows you to check the charge of total calls.

3.5.6 Reset charge: allows you to reset the charge of calls.

3.6 Data Counter

You can reset the data counter of the Incoming data, Outgoing data, Total Count & the Reset Count. The following options are available.

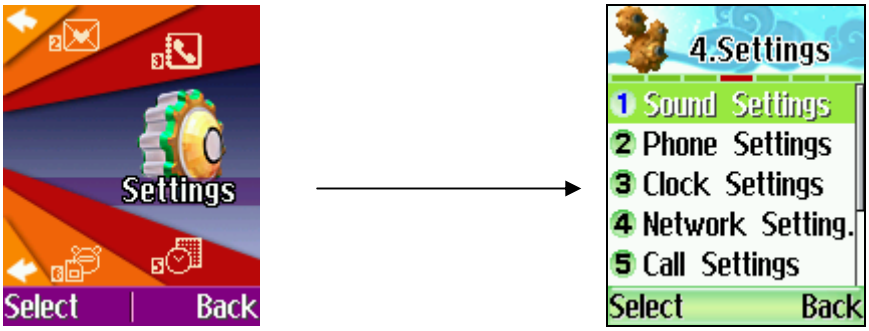
3.6.1 Incoming data: allows you to reset the incoming data.

3.6.2 Outcoming data: allows you to reset the outgoing data.

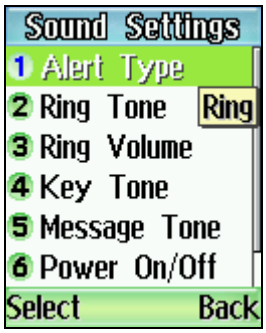
3.6.3 Total Count: allows you to reset the total count.

3.6.4 Reset Count: allows you to reset the reset count.

4. Settings



4.1 Sound Settings



The sound menu allows you to modify currently activated profile options.

4.1.1 Alert Type

This menu allows you to select how to be informed of any incoming call. A square cursor shows the Current status on the right side.

! Note: If your phone is in the silence mode, this menu is not visible.

Following types are available.

Ring: Your phone rings using the ring.

Increasing Ring: Your phone ringer volume will be increase step by step.

Vibration: Your phone rings using the vibrator.

Vibrator + Melody: Your phone rings using both ring and vibrator simultaneously.

Light Only: Your phone rings using only ramp light.

4.1.2 Ring Tone

This menu allows you to select how to be informed of any incoming call. A square cursor shows the Current status on the right side.

! Note: If your phone is in the silence mode, this menu is not visible.

Melody: Your phone rings using the ringing melody. There are seventeen types of ringing melody you can choice.

4.1.3 Ring Volume

This option allows you to adjust the ring volume between 0-4 levels.

Use [**NAVI-UP**] and [**NAVI-DOWN**], and then press [**OK** soft key]. A square cursor shows the current status on the right side.

4.1.4 Key Tone

This option allows you to adjust the key tone to five different types.(Off, DTMF, Instrument, Waterdrop and Voice tone.)

Use [**NAVI-UP**] and [**NAVI-DOWN**], and then press [**Select** soft key].

You can change the key volumes by pressing the **[VOLUME-UP]** and [**VOLUME-DOWN**] when the phone is in idle page. Levels between 0 and 4 are available. A square cursor shows the cu rrent status on the right side.

4.1.5 Message Tone

This menu allows you to select how to be informed of new incoming SMS message. A square cursor shows the current status on the right side.

! Note: If your phone is in the silence mode, this menu is not visible.

Following types are available.

Message 1: Your phone alerts using the message 1 sound.

Message 2: Your phone alerts using the message 2 sound.

Message 3: Your phone alerts using the message 3 sound.

Vibration: Your phone alerts using the vibrator.

Light Only: Your phone alerts using the ramp light.

4.1.6 Power On/Off

Sound On: Sound on when you switch on or off the phone.

Sound Off: Sound off when you switch on or off the phone.

A square cursor shows the current status on the right side.

4.1.7 Extra Tone

You can select which extra tone activate by pressing [**Toggle** soft key]. That's mean it will appear the extra tone with a tick.

[Folder Open]

[Connect Tone]

[Disconnection Tone]

[Error Tone]

! Note: If your phone is in the silence mode, this menu is not visible.

4.2 Phone settings

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

The following options are available.

4.2.1 Languages: You can select in which language the menu system & input mode is shown.

In the Menu System, English is available.

In the Input Mode, two options (English, Quick English) are available.

A square cursor shows the current status on the right side.

4.2.2 Contrast: You can change the Main LCD & Sub LCD luminosity.

Press the [NAVI-DOWN] and [NAVI-UP], you can select the Main LCD or Sub LCD.

Press the [NAVI-LEFT] & [NAVI-RIGHT], you can select how much level of the contrast you want. Levels between 0 % and 100% are available.

4.2.3 Backlight:

You can select the duration of backlight time.

The following options are available. A square cursor shows the current status on the right side.

Off: The backlight is not used

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

4.3 Clock Settings

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

4.3.1 Set Time: This menu allows you to change the date & time displayed in the idle screen. Press the [Edit soft key],you can enter the date & time you want.

4.3.2 Date format: This menu allows you to select the date format for displayed. Three options (dd:mm:yyyy, mm:dd:yyyy, yyyy:mm:dd) are available. A square cursor shows the current status on the right side.

dd:mm:yyyy: For example, 03/06/2004

mm:dd:yyyy: For example, 06/03/2004

yyyy:mm:dd: For example, 2004/06/03

4.3.3 Time format: This menu allows you to select the time format for displayed. A square cursor shows the current status on the right side.

Two options (12 hour, 24 hour) are available

12 Hour: For example, 1 (at PM 1 o'clock)

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

4.4 Network settings

4.4.1 Call Forward

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.

<If Busy>

All incoming calls are diverted when you reject the call.

Firstly choosing the call type, you need to divert.

- Voice: divert voice calls
- Fax: divert fax calls
- Data: divert data calls

After choosing call type, you can enter a number. Then press activate.

Enter the number you want to forward, then press [**OK** soft key]. The call will forward to this nu mber when you busy. That will appears when the function with a tick.

<If No Answer>

All incoming calls are diverted when the call is not answered.

Firstly choosing the call type, you need to divert.

- Voice calls: divert voice calls
- Data: divert data calls
- Fax: divert fax calls

After choosing call type, you can enter a number. Then press activate.

Enter the number you want to forward, then press [**OK** soft key]. The call will forward to this nu mber when you not answered. That will appears when the function with a tick.

<If Not Reach>

All incoming calls are diverted when the phone had not coverage or switched off.

Firstly choosing the call type, you need to divert.

- Voice calls: divert voice calls
- Data: divert data calls
- Fax: divert fax calls

After choosing call type, you can enter a number. Then press activate.

Enter the number you want to forward, then press [**OK** soft key]. The call will forward to this number when the phone had not coverage or switched off. That will appears when the function with a tick.

<Always>

All incoming calls are diverted.

Firstly choosing the call type, you need to divert.

- Voice calls: divert voice calls
- Data: divert data calls
- Fax: divert fax calls

After choosing call type, you can enter a number. Then press activate

Enter the number you want to forward, then press [**OK** soft key]. All incoming calls will forward to this number. That will appears when the function with a tick.

<Cancel all >

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

4.4.2 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).

4.4.2.1 Outgoing: All outgoing calls

- Voice calls: divert voice calls
- Fax: divert fax calls
- Data: divert data calls
- SMS: divert text messages

4.4.2.2 International Calls: All international outgoing calls.

- Same as **Outgoing Calls**

4.4.2.3 Internal. but Home: All international outgoing calls, except to your home network.

- Same as **Outgoing Calls**

4.4.2.4 Incoming Calls: All incoming calls.

- Same as **Outgoing Calls**

4.4.2.5 **When roaming**: All incoming calls when roaming.

-Same as **Outgoing Calls**

Press the [**Activate** soft key], and then insert the password, you can activate the above f unction directly

You can press the menu button to select **Activate All** or **Deactivate All.**

-**Activate All**: Activating all the corresponding service.

-**Deactivate All**: Deactivating all the corresponding service.

4.4.2.6 **Cancel All B.**: Only cancel voice call barring service. You must insert your password and then press **[OK].**

4.4.2.7 **Change Password**: Charge the call barring password. First you must insert your origental password, then press **[OK].**

Insert the New Password than you want, press [**NAVI-DOWN]**,insert the New Password one more time for confirm.

4.4.3 **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.

Firstly choosing the call type.

-Voice: Voice Calls

-Fax: Fax Calls

-Data: Data Calls

Press the [**Activate** soft key], then press the [**OK**], the service activate when the function with a t ick.

Then press the menu button to select **Activate All** or **Deactivate All.**

-Activate All: Activating all the corresponding service.

-Deactivate All: Deactivating all the corresponding service.

4.4.4 **Network Selection**: You can select the network which you will be registered automatically, manually or CSD preferred. Normally the selection of the network used by the handset is automatic. A square cursor shows the current status on the right side.

<**Automatic**>

The phone automatically selects network which is available in 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 agreeme nt with your home network operator.

4.4.5 Hide ID

This hides your handset number when dialing out.

-Check Satus: Checking the Status of the corresponding service

-Activate: Activating the corresponding service.

-Deactivate: Deactivating the corresponding service.

4.4.6 Band Selection

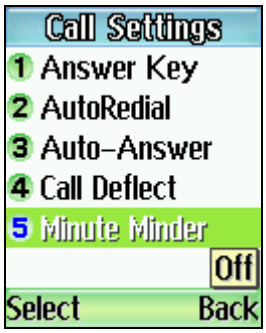
A square shows the current status on the right side.

-Automatic: The network will find automatically.

-GSM/DCS: Only use the GSM or DCS network.

-PCS: Only use the PCS network, this network is not available in China.

4.5 Call Settings



4.5.1 Answer key

You can set the answering call type when there is an incoming call. A square cursor shows the current status on the right side.

The following options are available.

-Any-Key answer: 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

-Folder open: In the normal mode of operation, you open folder to answer an incoming call.

4.5.2 Auto Redial

This function will be activated only when your handset is attached to ear-mic. A square cursor shows the current status on the right side.

-On: Your handset will be redial when the called party cannot be reach.

-Off: Your handset will not redial automatically.

4.5.3 Auto answer

This function will be activated only when your handset is attached to ear-mic. A square cursor shows the current status on the right side.

-On: Your handset will answer automatically

-Off: When your handset is ringing, your handset will not answer automatically.

4.5.4 Call Deflect

A square cursor shows the current status on the right side.

-On: You can deflect the call by pressing, [**Deflect** soft key] when the phone is ringing.

-Off: Your handset cannot deflect call.

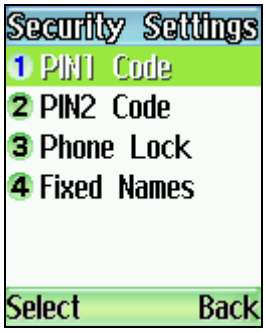
4.5.5 Minute minder

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.

4.6 Security Settings



To access this menu, you must know the old password.

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**.

4.6.1 PIN 1 Code

With this menu, you can enable or change the **PIN1** code. **PIN1** code is composed of at least 4 to 8 digits, and usually provided with your SIM card. If you select **Enable**, you must enter the **PIN1** code for this option. Your phone asks to enter the **PIN1** each time when the phone is switched on.

If you select **Change,** you can change the **PIN1** code here. A square cursor shows the current status on the right side.

4.6.2 PIN 2 Code

With this menu you can change the **PIN2** code.

Remarks: If the PIN code is entered incorrectly more than three times in sccession, PIN will be blocked and your SIM card will automatically lock-up. Once your SIM card is blocked, you must put the PIN number to use your phone again.

4.6.3 Phone lock

Press the [select soft key] in the **Security Settings**,(to find the Phone Lock in the menu).

Three options are available (Enable, Disable & Charge).

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

You can change the Phone codes to new one by press **Change** in the menu.

4.6.4 Fixed Names

Firstly, select the **[Enable]** in the menu, then you need to input the **PIN2** code, otherwise you cannot fixed the name.

4.7 Factory Reset

This menu restores all of your settings with factory default values.

With this menu, you must enter the password first, two options are available.

YES: All your settings are erased.

NO: allows you to cancel the factory reset.

4.8 GPRS

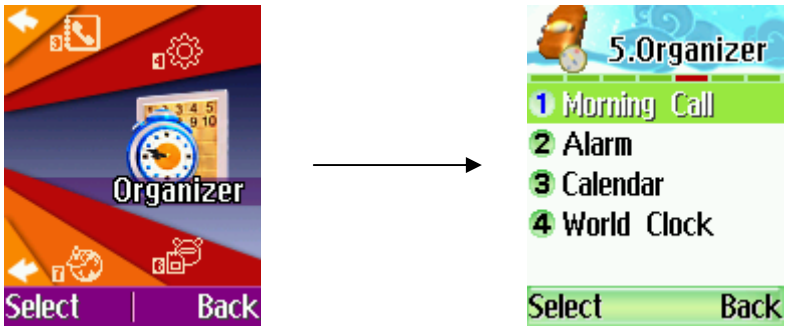
General Packet Radio Service (GPRS) enabled networks offer 'always-on', higher capacity, Internet-based content and packet-based data services. This enables services such as colour Internet browsing, e-mail on the move.

For this phone, we are using class 10 technology. It can support 8 to 24Kbps for uplink and 24 to 48Kbps for downlink.

4.8.1 Activate: If you want to use GPRS. You must activate to the network first. If you cannot attach to the network. Please make sure, you have the appropriate service. For detail, please contact your network provider.

4.8.2 Deactivate: If you want to disable the GPRS. You must choose deactivate.

5. Organizer



5.1 Morning Call

There are two individual morning calls can be set. Press “@” key or [**select** soft key] to select one of the morning call you want to set. Then you can use [NAVI-UP] & [NAVI-DOWN] for change item and use [NAVI-LEFT] & [NAVI-RIGHT] key for change option.

.

Time: Enter the number directly.

Clock Icon : Select on or off

Melody: You can choice the melodies of the morning call by press the [NAVI-LEFT] and {NAVI-RIGHT}.

Repeat : Select snooze on or snooze off.

Date: You can select the repeat status here. Press the [Edit soft key], you can see (Sunday, Monday, Tuesday, Wednesday, Thusday, Friday and Saturday) these options. You can select which day repeat the morning call by pressing [Toggle soft key], that's mean will appear the function with a tick.

The red circle will be located on the day.

Press the [**Menu function key**], the **Delete** option is available.

5.2 Alarm

There are four individual alarms can be set. Press "@" key or [**select** soft key] to select one of the morning call you want to set. Then you can use [NAVI-UP] & [NAVI-DOWN] for change item and use [NAVI-LEFT] & [NAVI-RIGHT] key for change option.

Time: Enter the number directly

Clock Icon : Select on or off.

Melody: You can choice the melodies of the alarm by press the [NAVI-LEFT] and {NAVI-RIGHT}.

Repeat : Active once or everyday.

Memo: You can edit the memo for remind you what's the alarm for. Press the [Edit soft key], you can edit the content in the memo.

Press the [**Menu function key**], the **Delete** option is available.

5.3 Calendar

When you enter this menu a Calendar will show up. On top of the screen, there are sections for month a nd the year. You can change the day, month and year by using the navigation keys. Whenever you chan ge 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. Also, you can see the red circle cursor will be located on that day. By pressing the [@] key, you can

See the to do lists details on that day.

This function helps to remind you of your memo, appointments and anniversary. The phone will sound an alarm tone if you set alarm for the note.

Move cursor to the desired date by pressing

1. [NAVI-Left] Key: move to previous day
2. [NAVI-Right] Key: move to next day

3. [NAVI-Up] Key: move to previous week
4. [NAVI-Down] Key: move to next week

Tips: You can press menu button to get a sub menu

1. **New**: For adding new memo, appointment or anniversary
2. **View**: Checking the to do list.
3. **Today**: What every you go to which day, you can press this for backing to the current day.

If you select the [**NEW**] option, the following options are available.

5.3.1 Memo

How to setup memo

1. Select the day.
2. Select memo.
3. Press [**NAVI-DOWN**], input the message by press [**Edit** soft key].You can change input method by pressing [@] key.
4. Press the **OK** for save.

5.3.2 Appointment

How to set up appointment.

1. Select the day.
2. Input the schedule time.
3. Input the repeat type.(Once, Weekly, Monthly)
4. Select the alarm reminder. (None, On time, Before 10 minutes, Before 30 minutes, before one hour or Before one day).
5. Select the melody.
6. You can edit the content of the appointment.

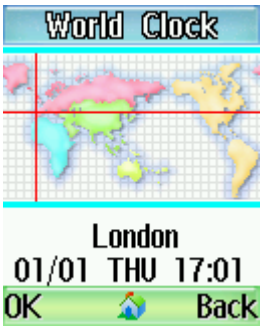
5.3.3 Anniversary

How to set up anniversary.

1. Select the day.
2. Input the schedule day and time.
3. Input the repeat type.(Once, Weekly, Monthly)
4. Select the alarm reminder. (None, On time, Before 10 minutes, Before 30 minutes, before one hour or Before one day).
5. Select the melody.
6. You can edit the content of the anniversary.

Tips: If you are inside the “to do list” menu. You can press “Menu” button for adding new item, delete one item or delete all item.

5.4 World Clock



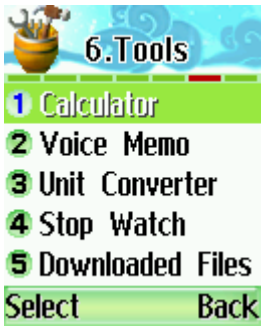
You can set time zone that you want via ‘World Clock’.

How to use the world clock

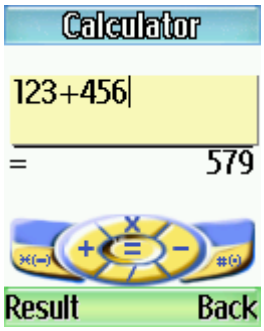
1. Press [**NAVI-LEFT**] 0r [**NAVI-RIGHT**] key for moving a time zone that you want.
2. You can see the cities belong to same zone by using **[NAVI-UP]** or **[NAVI-DOWN].**
3. You can see current time of selected city.

4. Press [**Menu function key]**, you can set it to local clock or remote clock time. If you choose the clock type is “2 clock”, then you can set the local time and remote time will display on the Main LCD.

6. Tools



6.1 Calculator

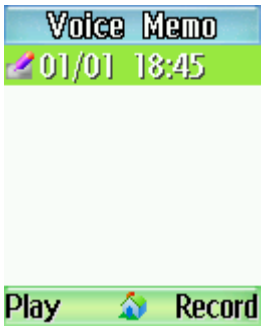


Your phone has built-in calculator, which can add, subtract, and divide, Multiply.

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

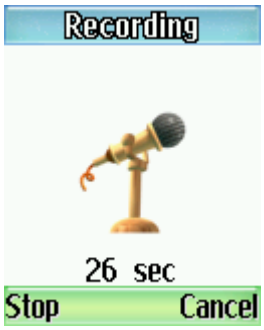
1. Enter the first number.
2. Press the operator key ([**Left**] ->'+', [**Right**] -> '-', [**Up**] ->'*', [**Down**] ->'/').
3. Enter the second number.
4. Press [Result soft key] to display the result.
5. Repeat the above step 1 ~ 4 for other calculation.
6. For successive calculation (12+23-34…), press [*] key to find the operator after step 4. (Previous result will be a first number.)
7. Press [**#**] key for decimal point.
8. Press [*] key for minus sign.

6.2 Voice memo



The voice memo features allow you to record up to 10 voice memos and each memo is up to 60 seconds . It is useful when you don't have a pen and paper for writing a memo.

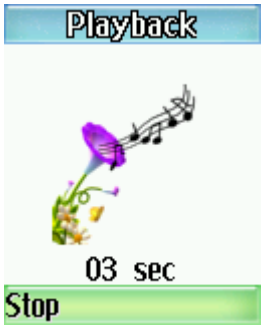
The following options are available.



Record: 1.Press the [**Record** soft key],Voice recording is started and the states of recording is displayed.

2. The states are "Recording" message and recoding time until now.

3. If you want to finish recording, press the [**Stop** soft key] and the memo is stored.



Play: Press the [**Play soft key**], you can play the record in the voice memo.

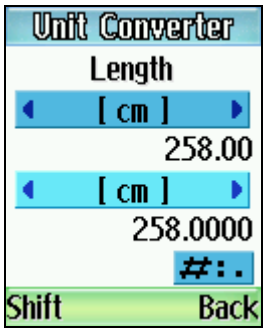
Press the [**Stop soft key**], you can stop to play the record in the voice memo.

Press the [**Menu** function key], two options are available.(Delete and Delete All).

Delete: Delete the selected voice memo lists.

Delete All: Delete all the voice memo lists.

6.3 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, ft, yd, mi
Width	m*2, Are, ft*2, yd*2, Acre
Weight	g, kg, t, gr, oz, lb
Volume	cm*3, m*3, Liter, in*3, ft*3, yd*3

1. You can select a main unit using **[Shift soft key]**.
   Current selected main unit is displayed at title area.
2. You can select a sub unit using [**Left**], [**Right**] key.
3. Enter a value that you want, and then converted value is displayed.
4. [#] key is used at entering decimal point.

6.4 Stop Watch

Start: The time will start running.

Lap: Have maximum ten record count.

Pause: Timer will be stop. You can record the time and the time will be resume by pressing "**Resume**"

Reset: Timer goes back to zero.

6.5 Downloaded file

6.5.1 Image file

Press the [**Menu** function key], you can delete the image that you highlighted or delete all.

6.5.2 Sound file

Press the [**Menu** function key], you can delete the sound that you highlighted or delete all.

6.5.3 Memory status

You can see the memory used in the image file and sound file. It shows the size of the file that you can use.

6.6 SIM Toolkit

The network service allows you to see the messages on various topics such as weather, Traffic and some news.

! Note: This service depends on your SIM card, may not be available on all network.

7. Fun Box

The phone has two different games for your enjoyment.

7.1.1 Cocozam

There are four options for Cocozam.

Start: The new game is started.
Key Info: Key assignment is described by simple images and helps you to play the game.
Rank: The highest score that has saved.
Help: Display the playing instruction.

This game is score points by creating rows of 3 or more fruit icon. Swap any two adjacent fruit icon, so that a line of 3 is formed.

Special Icon:

◄► Select for delete horizontal line.

Select for delete vertical and horizontal line.

Select for delete vertical line.

Select for delete same fruit icon

Key info

Using Key	Actions
Centre (@)	Select
UP	Move to up
DOWN	Move to down
LEFT	Move to left
RIGHT	Move to right
CLEAR	Pause

7.1.2 Ace of Aces

There are three options for Ace of Aces.

Start: The new game is started.
Key info: Key assignment is described by simple images and helps you to play the game.
Rank: The highest score that has saved.

This game is played by dueling with one or more enemies at a time until you complete a stage.
Before start you should choose a flight for action.

Key info

Using Key	Actions
Centre (@)	Fire
UP	Move to up
DOWN	Move to down
LEFT	Move to left
RIGHT	Move to right
CLEAR	Pause
1	BOMB
5	Fire

7.2 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:
- Press "@" key for 3 second
- Selecting **Homepage** menu
- Selecting a address list in **Bookmarks** menu
- Entering its address in the online **Go to URL** menu

1. Browser

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)

WAP menus

7.2.1 Homepage: Once a connection profile has been set up, you can connect to the home page you defined.

7.2.2 Bookmarks: You can access the lists of bookmark sets, add bookmark and clear bookmarks in this menu.

Bookmark List

Ten bookmarks are available.

[Yahoo]

[AOL]

[O2]

[Financial Timers]

[Cnet Tech News]

[T-Mobile UK]
[Ents24]
[WEB.DE]
[Vizzavi]
[El Paris]

Select: launches the WAP browser and loads the page bookmarked.
After press select, you can **Go To Bookmark**, **Edit** and **Delete.**
Go To Bookmark: You can go to that bookmark immediately.
Edit: allows you to alter the name of the bookmark and address.
Delete: deletes the current bookmark.

Add Bookmark
Press the [@] function key, you can select the input mode to edit the bookmark name. (English, Quick English, Number and Symbols.)

Clear Bookmarks
Press the [OK] function key, you can clear all the bookmark lists.

7.2.3 History: If you once connect a WAP page, this menu allow you to connect to that page directly

7.2.4 Go to URL: You can enter a WAP page address directly.

7.2.5 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.

7.2.5.1 Profiles: In this option, there have 5 profiles you can select.
At first, select a profile you want to set up. And then you will be asked if you want to **Active**, **Edit** or **Rename** the profile and you need to choose.

Active: 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.

CURRENT INPUT MODE

[*] Key allows you to change the input mode
[ABC->abc->Abc]

Tips: 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.

Session Type: Select type of internet connection. A square cursor shows the Current status on the right.

Temporary: is a non-confirmed (connectionless) service.

Continuous: is a confirmed delivery mechanism but generate more network traffic

Security: Select type of internet connection. A square cursor shows the Current status on the right.

Secure: Data was encrypted during transmission.

None: is data transmission without encryption.

IP Address: You must enter the IP address of the WAP gateway if you want to use to access WAP pages. It is provided by your Mobile Services provider.

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

Edit Name**:** Input user's ID.

Password**:** Input user's password.

APN: Input the APN, if needed.

7.2.5.2 Save History: You can choose **ON** or **OFF** to determine browser's data save in cache or not. A square cursor shows the current status on the right side.

7.2.5.3 Image scaling: This allows you to determine the image display mode. A square cursor shows the current status on the right side.

On / Off: Display images or not.

7.2.6 Clear Histories

When opening a WAP page, if the WAP page which has been stored in the cache, the browser automatically use the stored data in the cache. This menu enables you to flush the cache.

! 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 in browsing.
Please, check your profile' settings and calling states.

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

C. THE MENU MAP (BG-A308)

1. My Phone

1.1 Skin---1.1.1 Normal

1.1.2 Cyan

1.1.3 Orange

1.1.4 Light green

1.1.5 Light Blue

1.1.6 Green

1.1.7 Blue

1.1.8 Pink

1.2 My Menu---1.2.1 Skin

1,2,2 Wallpaper

1.2.3 Morning Call

1.2.4 Calendar

1.2.5 World Clock

1.2.6 Calculator

1.2.7 Unit Converter

1.2.8 Stop Watch

1.2.9 Security Settings

1.2.10 Game

1.3 Wallpaper

1.4 Greeting

1.5 Banner

1.6 Display Menu---1.6.1 Image

1.6.2 Icon

1.7 Clock Type---1.7.1 Main LCD---Analog Clock

Digital Clock

2 Clock

1.7.2 Sub LCD---Digital Clock

Analog Clock 1

Analog Clock 2

2. Message

2.1 Inbox----2.1.1 Unread

2.1.2 Read

2.2 Write Message---2.2.1 Text

2.2.2 Canned Message

2.3 Outbox---2.3.1 Sent

2.3.2 Unsent

2.4 Call Broadcast---2.4.1 Activate---On

Off

2.4.2 Read

2.4.3 New Broadcast

2.4.4 CB List

2.5 Settings---2.5.1 SMS Settings ---2.5.1.1 SMS Centre

2.5.1.2 Delivery Report---On

Off

2.5.1.3 Validity Period---1 Hour

12 Hours

24 Hours

1 Week

Max

2.5.1.4 Type---Text

Fax

Paging

2.5.1.5 Memory

2.5.2 Voice Mail---2.5.2.1 Connect to Mailbox

2.5.2.2 Active---Home Mialbox

Roam Mailbox

2.5.2.3 Set VoiceMail---Home Mailbox

Roam Mailbox

3. CallLog

3.1 Missed

3.2 Answered

3.3 Dialled

3.4 Call Timers---Last Call

Incoming Calls

Outgoing Calls

All Calls

3.5 Data Counter---Incoming Data

Outgoing Data

Total Count

Reset Count

4. Settings

4.1 Sound Settings---4.1.1 Alert Type---Ring
Increasing Ring
Vibration
Vibration+ Melody
Light Only

4.1.2 Ring Tone---Melody

4.1.3 Ring Volume

4.1.4 Key Tone---Off
DTMF
Instrument
Waterdrop
Voice Tone

4.1.5 Message Tone---Message 1
Message 2
Message 3
Vibration
Light Only

4.1.6 Power On/Off---Sound On
Sound Off

4.1.7 Extra Tone--- Folder Tone
Connection Tone
Disconnection Tone
Error Tone

4.2 Phone Settings---4.2.1 Languages---4.2.1.1 Menu System---English
4.2.1.2 Input Mode---English
Quick English

4.2.2 Contrast

4.2.3 Backlight---Off
10 Secs
20 Secs
30 Secs

60 Secs

4.3 Clock Settings---4.3.1 Set Time

4.3.2 Data Format---DD:MM:YYYY

MM:DD:YYYY

YYYY:MM:DD

4.3.3 Time Format---12 Hour Clock

24 Hour Clock

4.4 Network Settings---4.4.1 Call Forward---If Busy

If No Answer

If Not Reach

Always

Cancel All

4.4.2 Call Barring---4.4.2.1 Outgoing ---Voice

Fax

Data

SMS

4.4.2.2 Internat.Call---Same as Outgoing Calls

4.4.2.3 Internat.but Home--- Same as Outgoing Calls

4.4.2.4 Incoming Calls--- Same as Outgoing Calls

4.4.2.5 When Roaming--- Same as Outgoing Calls

4.4.2.6 Cancel All B--- Password

4.4.2.7 Change Password---Password

New Password

Confirm Password

4.4.3 Call Waiting---Voice

Fax

Data

4.4.4 Network Selection---Automatic

Manual

4.4.5 Hide ID---Check Status

Activate

Deactivate

4.4.6 Band Selection---Automatic

GSM/DCS

PCS

4.5 Call Settings---4.5.1 Answer Key---Any-Key Answer
Send Key
Folder Open
4.5.2 AutoRedial---On
Off
4.5.3 Auto-Answer---On
Off
4.5.4 Call Deflect---On
Off
4.5.5 Minute Minder--- On
Off
4.6 Security Settings---4.6.1 PIN1 Code---Enable
Change
4.6.2 PIN2 Code---Change
4.6.3 Phone Lock---Enable
Disable
Change
4.6.4 Fixed Names---Enable
4.7 Factory Reset--- Password
Yes
No
4.8 GPRS---4.8.1 Activate
4.8.2 Deactivate

5. Organizer

5.1 Morning Call---5.1.1 Empty1---Time
Alarm On/Off
Melody
Repeat On/Off
Date
5.1.2 Empty2---Same as Empty1
5.2 Alarm---5.2.1 Empty1---Time
Alarm On/Off
Melody
Repeat On/Off
Memo

5.2.2 Empty2---Same as Empty1

5.2.3 Empty3---Same as Empty1

5.2.4 Empty4---Same as Empty1

5.3 Calendar---5.3.1 New---5.3.1.1 Memo

5.3.1.2 Appointment

5.3.1.3 Anniversary

5.3.2 View---To Do List

5.3.3 Today

5.4 World Clock

6. Tools

6.1 Calculator

6.2 Voice Memo---Play

Record

6.3 Unit Converter

6.4 Stop Watch

6.5 Downloaded Files---Image File

Sound File

Memory Status

6.6 SIM Toolkit

7. Fun Box

7.1 Game--- Cocozam

Ace Of Aces

7.2 WAP---7.2.1 Homepage

7.2.2 Bookmarks---7.2.2.1 Bookmark List---7.2.2.1.1 Yahoo!--- Go To Bookmark

Edit

Delete

7.2.2.1.2 AOL---Same as Yahoo!

7.2.2.1.3 O2---Same as Yahoo!

7.2.2.1.4 Financial Times---Same as Yahoo!

7.2.2.1.5 Cnet Tech News--- Same as Yahoo!

7.2.2.1.6 T-Mobile UK--- Same as Yahoo!

7.2.2.1.7 Ents24--- Same as Yahoo!

7.2.2.1.8 WEB.DE---Same as Yahoo!

7.2.2.1.9 Vizzavi---Same as Yahoo!

7.2.2.1.10 El Paris---Same as Yahoo!

7.2.2.2 Add Bookmark

7.2.2.3 Clear Bookmarks

7.2.3 History

7.2.4 Go To URL

7.2.5 Settings---7.2.5.1 Profile---7.2.5.1.1---Profile 1---Active

Edit

Rename

7.2.5.1.2---Profile 2---Same as profile 1

7.2.5.1.3---Profile 3---Same as profile 1

7.2.5.1.4---Profile 4---Same as profile 1

7.2.5.1.5---Profile 5---Same as profile 1

7.2.5.2 Save History---On

Off

7.2.5.3 Image Scaling---On

Off

7.2.6 Clear Histories

! Note: The SIM AT Service menus may be different according to the content of your SIM card.

D. 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 4.6.

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 **Alert Type** and **Ring Volume** option in **Sound Setting** 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 **Outbox** option in **Message** 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.

E. Safety Information

For the efficient and safe operation of your phone, observe these guidelines.

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

Al 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.

F. 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.

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.

PIN1 (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.

GPRS (General Packet Radio Service)

GPRS enabled networks offer ‘always-on’, higher capacity, Internet-based content and packet-based data services. This enable services such as colour Internet browsing, E-mail on the move.

Safety Information

1 . SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS

.POTE NTIALLY 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 cauls e an explosion or fire resulting in bodily injury or even death.

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INTERFERENCE TO MEDICAL DIVICES

Certain electronic equipment may be shielded against RF signal from you 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 1.02 **W/Kg** and when worn on the body, as described in this user guide, is **0.372 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: S4IBG-A318**.

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 sub-stantial 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.