User Guide

UR5

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Information For Safe Operation

Please read the following user manual carefully to keep from injuries.

About Storage And Maintenance

Do not try to disassemble or repair the phone.
Avoid wet and damp places.
Do not use harmful detergent or harmful chemical materials to wash the phone.
Instead, use soft cloth to rub its appearance.
Do not inflict strong shock on the appliance.
The appliance shall be situated near the electronic switch for hands to reach easily when the battery is charged. Do not put the phone in high temperature environment, which may cause defects on the phone.
The warranty on this phone will be invalid if it is repaired by an unauthorized person. And its maker does not take responsibility for the breakdown caused afterward.
Never extract the battery from the phone while turned on, which will cause defects on the phone.
Contact the agency you joined if the phone or its parts (charger, battery, and so on) malfunction.

Menu

1. Phone Book
2. Calls
3. Messages
4. Movistar
5. Service
6. Multimedia
7. Entertainment
8. Tools
9. Settings

Measurement Of Radio Frequency Exposed (Absorbed Special Rate Information SAR)

This phone is a communication appliance with low-output electric wave. Complying with EU standard requirements related with radio wavelength exposure, the phone has not been designed and made exceeding the energy exposure limit of the radio frequency as recommended by European Union board of directors. The limit specified above is a frequency allowable in general as a world standard.
World standard value was developed, based on thorough and regular scientific researches and estimation (examination) by an independence research institution. The limit is a standard to search for safety of all, regardless of age or present state of health.
Standard value of the phone exposure is displayed in unit of Specific absorption index (SAR).

Communication Network Service

The mobile conforms to communication standard laws of GSM850, DCS1800, PCS1900 and GPRS.
Read this user manual thoroughly to understand and learn the functions of this appliance.
Customers should know that the Tri-Band (850-1800-1900) is a feature coming from the communication network.
Make sure that this feature is available via the RED exchange service personnel.
Additional RED services are available for this phone.
For these services, however, customers are required to join the exchange service.
For further information on How To Join, see below.

Safety On The Road

Please remember that using a mobile phone during driving is prohibited.
Follow the rules as applicable in each country.
Stop the car in a safe place if you need to answer or use the phone.
Please always remember the following before using the phone in emergencies.
Focus on driving only.
Remember the most considerable thing is nothing but your safety.
If you want to use a Hands-Free device on vehicles, let it installed by an authorized engineer.

Safety In Hospital

The mobile phone since designed to transmit electric waves can disturb functions of electric or medical appliances.
Remember to turn the phone off always in hospital.

Safety In Flight

Remember the phone if used in the airplane can disturb functions of electric wave equipment of the airplane.
Therefore, the use of the phone is illegal in the airplane.
Remember to turn the phone off always during flight.

Safety In Places Where Explosion Is Predictable

In such places as gas stations or chemical factories where explosion is predictable, the use of any electric wave equipment is illegal and prohibited.
Turn off the phone and avoid the use near any gas station.

Electrical Equipment

Most electric appliances are secured and protected against the effect of the phone radio frequency.
Nevertheless, there are some products that are not protected against. A person who works in a manufacturing company of those products, wearing heart pulsimeter is desired to keep at least 15cm away from the phone to avoid the electric wave.
If applicable problems still occur as before to the person with heart pulsimeter, then the phone shall be turned off.
The phone can disturb functions of some kind of microphones.
In this case, please contact the manufacturing factory of such microphones for further information.
Since the radio frequency signal generated from this phone may have an influence on electric equipment of a car (air bag, brake, and so on), please be well informed thereof via its maker.

Battery And Parts

This phone uses a rechargeable battery of Li-ion Technology.
The battery if completely recharged is usable to call for a duration of 120 minutes and available for standing-by for a duration of 180 hours.
Do not use any charger or battery if damaged or worn out.
Do not touch any circuit of the battery. It will cause damage thereon.
If the battery is kept in hot temperature, its function and duration may be deteriorated.
Keep temperature always as similar as possible.
The phone if kept in too high or too low temperature may not operate from time to time even if the battery completely recharged.
Time required to recharge the battery may be different according to several factors such as capacity left, type of battery and charger, and so on.
For the better performance of recharge, keep suitable temperature.
The battery although completely recharged can be discharged of itself as the time elapses.
Unplug the charger if not used.
For effective operation of the phone, please stand the phone always lengthwise.
Do not throw the battery in a ditch or a fire.
The battery shall be recycled according to its related laws.
Use only the battery, charger and parts attached to the phone just as provided from the factory.
Parts shall be compatible to be used.
If not, its warranty will be invalid.
If some parts need replacement, contact the agency you joined to order.
Fill up the battery to the maximum prior to its first operation.
For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

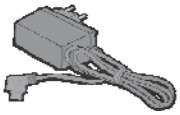
Handset

USB Cable

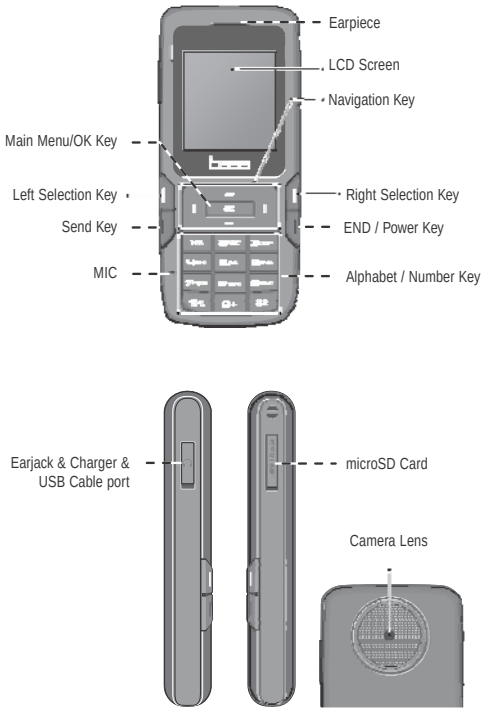
Earphone

User Manual

Battery



Travel Charger


Earpiece
LCD Screen
Navigation Key
Main Menu/OK Key
Left Selection Key
Right Selection Key
Send Key
END / Power Key
MIC
Alphabet / Number Key

Earjack & Charger &
USB Cable port
microSD Card
Camera Lens

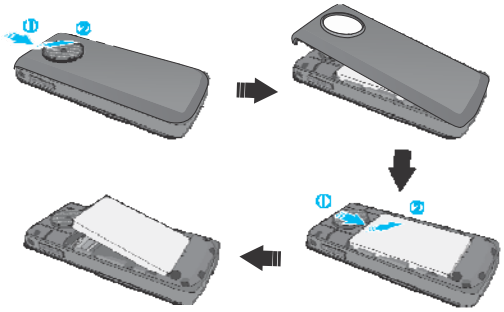
In The Beginning

Installment of SIM Card

To answer or make a call, the mobile needs a available SIM card, which the communication company may have installed already.

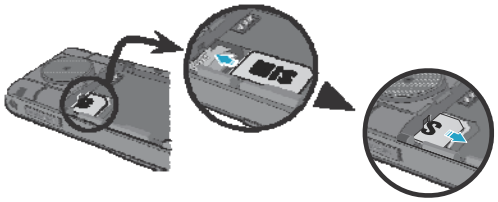
Note: If the mobile is used, installation state of the SIM card will be displayed. If the SIM card is not installed, a confirmation paragraph will be displayed.

1. Remove the battery and cover as shown in the following figure.

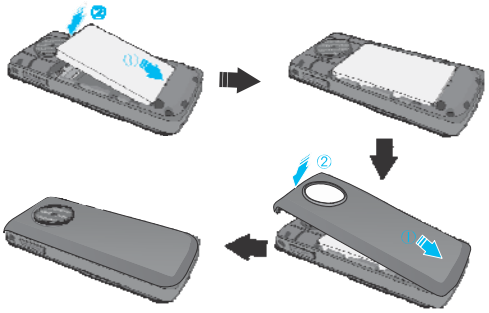


Warning Do not remove the battery with turning on the mobile. (Turn off the mobile before removing the battery)

2. After the battery is removed, insert the SIM card as shown in the following figure.



3. After inserting the SIM card, insert the battery and cover.



Note: - Keep pressing the lower of the cover till it sounds Tic.
- Follow these procedures or some defects may occur on the support parts of the entrance, which will not be guaranteed.

Charging Battery

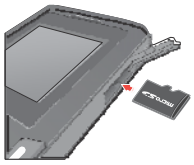
1. Insert the charger as shown in the figure. The screen will display the Battery is being charged while the phone is turned on for several seconds before returning to the previous step. (your phone is available even during the battery is charged). If the phone is turned off, display of Battery is being charged will be continuously displayed.
2. If the charging is completed, display will show the charging completed status. To remove the charger, hold and full the both ends to extract.

Warning Do not connect the Charger(or such accessories) up side down. It can be possible to damage the Phone.

Using the Micro SD Card

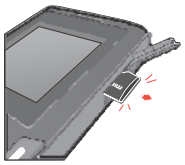
Installing the Micro SD Card

1. Open the card hole cover, and insert the Micro SD card like the arrow indicates. (Remove the back cover and battery)



Removing the Micro SD Card

1. To remove the Micro SD card, follow the arrow indicates.



- When you insert Micro SD card, make sure contact terminals face down.
- Memory used for the mobile phone is not the general SD card but the Micro SD cards.
- “Micro SD” card is recognized as a mobile disk when connected to a personal computer.
- When disconnecting from PC, please remove the USB storage equipment on your PC. Otherwise, the stored files on the Micro SD card could be damaged.

Removable Memory Storage Functionality

The Phone Guarantee only less 1G bytes Memory Card.

Phone ON/OFF

Keep on pressing the End Key for 5 seconds to turn on the phone.
This function is designed to avoid unintentional ON or OFF of the phone when kept in a pocket or luggage.

Start

If PIN enable setting on after the phone is turned on, you will be required to input 4-digit password. Input correct password and press OK (Center_Direction) Key.

Note: If password is not input, only emergency call will be available with SOS Key.

In case the phone has been off for long, you may be asked to make sure if date and time are correct.

If they are not correct, press edit Key.
If the date is correct, press OK(Center_Direction) Key.
If the date is not correct, input new date using the number on the Key pad and then if the time is not correct, input new time and then press OK(Center_Direction) Key. Select daylight saving on or off.

Stand-by Screen

For about few seconds after the phone is on, it's image and menu may be displayed a little slower than usual. This delayed time is for environmental setting of the menu. And the menu will not be displayed during this duration. After this duration, the speed will be back to normal. Stand-by screen is displayed when the phone is available to answer or make a call.

- **Upper part:** The Main service indicators will be display on top of the Main screen. On the lower side, day, month, year and present time will be displayed.
- **Lower part:** On the bottom, 'Msgs' menu will be displayed as a Left_selection Key. 'mcontenidos' menu will be displayed as a Right_selection Key.

- Press the Left_selection Key in stand-by screen to display the Messages menu.
- Press the Right_selection Key in stand-by screen to display the mcontenidos menu.
- Press the Upper of the direction Key in stand-by screen to display the movistar menu.
- Press the Lower of the direction Key in stand-by screen to search the contact lists in the phonebook.
- Press the Left of the direction Key in stand-by screen to display the Multimedia menu.
- Press the Right of the direction Key in stand-by screen to display the New Message menu.
- Press the Center of the direction Key in stand-by screen to display the Main menu.

The direction Key will be used mainly to appropriate functions of the phone.

- Keep on pressing End Key in stand-by screen state to turn off the phone.
- When the screen is in a normal state, press Send Key to display the call record.
- In order to make a call, press number first in stand-by screen state and the call Key next. Keep on pressing one number among 2 and 9 and a call to the number as input will be made. In the following table, various functions are described as applicable when number keys are pressed for short or long in stand-by screen state.

	Short	Long
1	No.1	Call connected to voicemail box
2	No.2	Speed Dial
3	No.3	Speed Dial
4	No.4	Speed Dial
5	No.5	Speed Dial
6	No.6	Speed Dial
7	No.7	Speed Dial
8	No.8	Speed Dial
9	No.9	Speed Dial
0	No.0	Symbol +
*	Symbol*	Silent Mode On/Off
#	Symbol#	Keypad Lock/Unlock

Icon	Name	Description
	Antenna	Always displayed to show service area if reached.
	Service available level	Always displayed to show service available level (0 to 4) in a bar graph.
	Service available level A	The greatest service available level with the maximum bars.
	Bell mode	There are 5 bell modes available (Ring, Vibration Only, Vibra and Ring, Vibra then Ring, Light Only) on the menu and Silent mode on Idle screen.
	Mute	Ringer volume is set to off.
	New SMS	This will be displayed when a new SMS message is received.
	Phone Lock	Phone is locked.
	Battery	Displayed approximately to show the actual capacity of the battery state
	Alarm	Displayed if alarm is set via the calendar.
	Ear Jack	A headset is connected.
	Roaming state	Displayed while user is in other service area or receiving a call abroad.
	Missed Calls	Displayes information about the recently missed calls.
	GPRS	Displayed GPRS network is within range and can be used.

Calls

Making a Call

To make a call, press desired phone number in stand-by screen state and then Call Key . If you input wrong number, Clear Key to delete the last number input. In order to delete a specific number, move the cursor right behind the number to delete and then press Clear Key. Press End Key to finish the call. In the stand-by state of the phone, input number to display the following screen.

If the inputted phone number is displayed, just press option(Left_selection) Key to use such options.

- **Save Contact**
- **Messages**
- **Attach Number**
- **Insert Pause**

If SIM card or the memory of the phone is displayed automatically, specify a related type of the phone too. (Refer to the user manual for more detailed procedures.)

Answering a Call

Press Call (receive) Key to answer the phone call.
Press End Key not to answer the phone call.

Whole Menus

In the stand-by state, press the menu(Center_Direction) key to go to standard menu. Press the direction(up/down/left/right) Key to get into menu desired, and then pressing the OK(Center_Direction) Key or press relevant number to get into the category applicable. Figures of the icons, names of the categories, brief description of each menu and short-cut keys are as in the following table;

Icon	Menu	Description
	Phone Book	To save phone numbers and setting speed dial, owner, extra number.
	Calls	To look through call record and voice messages sent and received.
	Messages	To read and write messages.
	movistar	To use STK menu.
	Service	To move to Service menu.
	Multimedia	To deal with camera and image album, videos, MP3, FM Radio, etc.
	Entertainment	To download and select new video games and melody images. and Health.
	Tools	To use calendar, alarm, calculator, unit converter, stopwatch, world clock.
	Settings	To specify volume, calling melody, background image and other environment of the phone.

Common Screens And System In Various Menus

Input Phone Number

When you start inputting number in stand-by state, the number will be displayed, moving from right to left as it is inputted. If the number input reaches the end of the right, the number will move to the lower line to prepare a space for the next numbers to input.
During inputting number, the screen will be as shown below.
In order to insert a number between numbers just entered, use the direction Key (up/down/left/right) to move the cursor.
Press Clear Key to delete the number on the left of the cursor.

Writer

Writer is used to input phone number, text or number.
All kinds of writers (phone number, number, text) have their own functions respectively.

Writer of Phone Number

It is used to input phone number from the phonebook. Above all, press number in stand-by screen state to get into the screen of writer function.
0 ~ 9 are available to enter, which has the following features.

- Press <*> and <#> to input characters of <*> and <#> respectively.
- Press Clear Key to delete the last number input. Keep on pressing Clear Key to delete the whole number input (whole number) and to return to stand-by screen state.
- Press OK(Center_Direction) Key to go to next step. Press Back Key to go back to the previous step of the screen.

Writer of Number

It is used to input password 1, password 2 and call-restricted password. Press the following keys to make use of its functions specified.

- Use the keys 0 to 9 to press such number 0 to 9 as applicable.
- <*> and <#> Key has no function.
- Press Clear Key to delete the last number input. Keep on pressing Clear Key to delete the whole number input.
- Press OK(Center_Direction) Key to go to next screen.
  Press Back(Right_selection) Key to go back to the previous screen.

Writer of Text

It is used to input text of names or messages. There are 3 input methods for text writer.

- **[ABC] Capital English letter input**
  Displays all the input text in capital letters. This can be used together with Multi Input and Smart Input which will be later described.
- **[abc] Small English letter input**
  Displays all the input text in small letters. This can be used together with Multi Input and Smart Input.
- **[Abc] Capital & Small English letter input**
  Displays all the input text in Capital & small letters. This can be used together with Multi Input and Smart Input.

- **[123] Number Input**
  Number input is available fast. (Press number 0 to 9 to display 0 to 9 as applicable.

Note: Press <*> shortly to change input sequence as follows; abc, Abc, ABC, 123 and Long press <*> to eZiEN, eZien, eZiEn, eZiES, eZies, eZiEs.

Smart Input

This makes fast text input available. With the improved technology of (Press and Expect), a function to expect is realized, making use of the dictionary prepared in the language specified. In this way the writer provides the serial expected characters of text when the user presses the Key once.

- **[eZiEN] The Capital English e-Zi letter input**
  For example, to write a letter 'HELLO', just press numeric key 4(GHI), 3(DEF), 5(JKL), 5(JKL) and 6(MNO).
- **[eZien] The Small English e-Zi letter input**
  For example, to write a letter 'hello', the method is same as eZiEN, but it will display the small English Character.
- **[eZiEn] The Capital & Small English e-Zi letter input**
  For example, to write a letter 'Hello', the method is same as eZiEN, but it will display the Capital & small English Character.
- **[eZiES] The Capital Spanish e-Zi letter input**
  For example, to write a letter 'Hola', just press numeric key 4(GHI), 6(MNO), 5(JKL) 2(ABC).

- **[eZies] The Small Spanish e-Zi letter input**
  For example, to write a letter 'hola', the method is same as eZiES, but it will display the small Spanish Character.
- **[eZiEs] The Capital & Small Spanish e-Zi letter input**
  For example, to write a letter ' Hola' , the method is same as eZiES, but it will display the Capital & small Spanish Character.

Note: Press Down-Navi key shortly to find other words which has same combination key stroke.

Text Selector

Press 0 Key shortly in the screen of text mode to display text selector which can display special characters which are not available in general text mode. Move the direction Key (up/down/left/right) on the text desired to select those special characters.
If you select the special character.
Press OK(Center_Direction) Key to input applicable character.
Characters available are as follows;

Note: Press <#> shortly to input a Space on text editor.

In Phonebook, phone number, name and other information are saved and displayed.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Phone Book menu then press OK(Center_Direction) Key.

Option list related with Phone Book menus will be displayed as shown below;

- **Quick Search**
- **Search Contacts**
- **New Contact**
- **Groups**
- **Speed Dial**
- **Owner Number**
- **Extra Number**
- **Management**

There are two points of contact in address book.

1. **To SIM:** Information related with contact is saved in SIM memory only.
2. **To Phone:** Information is saved in phone memory only.

A special icon represents each contact.
In this way, duplicate contact uses SIM contact uses SIM card-shaped icon , and the next icon is used for phone contact.

The followings are several rules used in address book.

- As specified, address book displays whole address book on the screen to show all contacts.
- Group will be represented by a special icon.
- Contact lists in the phonebook are displayed in alphabetic order. Phone number correspondent to each name is marked on the right of the line under the screen.
- Up to 30-character and 40-digit input can be saved in the phone book. (If the first text input is some symbol to represent international call, up to 41 is available)
- Up to 4 phone number items are available for a name.
- Up to 250 addresses can be saved in SIM memory. (The number of addresses available differs from each other according to card capacity)
- Up to 300 entries can be saved in phone memory.
- If all the information of a name can not be displayed at a time on screen, press the direction Key to move the information vertically to display and read the rest on screen (being accordingly changed) to the end.

Quick Search

In this menu which you can find the Phone number quickly which has stored in the Phone or SIM.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Phone Book menu then press OK (Center_Direction) Key.
3. On Phone Book screen, select Quick Search and press OK (Center_Direction) to display the following information.

4. On the Bottom, input characters up to 5 to find the contact name.

Select Quick Search and press Option(Left_selection) Key to display its options as follows;

- **See Details:** Shows details on contact being selected.
  - Name (it appears on the upper of the screen)
  - Number
  - Home Number
  - Company Name
  - Email Address
  - Office Number
  - Fax Number
  - Birthday
  - Associate Picture
  - Associate Video
  - Associate Sound
  - Caller Group
- **Edit:** Change the information of the name selected.
- **Delete:** Delete contact.
- **Copy To SIM/Copy To Phone:** Copy to SIM or Phone memory.
- **Move To SIM/Move To Phone:** Move to SIM or Phone memory.
- **Duplicate:** Duplicate contact.
- **Send SMS:** Send the SMS to selected phone number.
- **Send MMS:** Send the MMS to selected phone number.
- **Send vCard:** Send vCard.

Search Contacts

Searches a Contact as written.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Phone Book menu then press OK (Center_Direction) Key.
3. On Phone Book screen, select Search Contacts and press OK (Center_Direction) to display the following information.

This menu is used to search for other contacts on the contact list.
Select Search menu to display Search by name screen.
On the screen write characters up to 10 to find the contact name.

If written, the applicable name with the same characters is displayed.
Now you may search up and down to find the name on the list.
For example, press No2 3 times Key to fast reach names with the first character of C.
If there is no name with such a character, the Key will show names with the next character (in alphabetical order).

New Contact

Add new Contact to SIM or Phone.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Phone Book menu then press OK (Center_Direction) Key.
3. On Phone Book screen, select New Contact menu and press OK (Center_Direction) to display the following information.

This menu adds new contact to address book. To store the new contact, the storage should be selected first as following.

- **To SIM:** Input name and number then press OK(Left_selection) Key. Select yes to save contact in SIM memory.

• **To Phone:** Input name, number, home number, company name, email address, office number, fax number, birthday, associate picture,associate video, associate sound and caller group then press Done(Right_selection) Key. Select yes to save contact in Phone memory.

Groups

By using the Caller Group, you can easily distribute a contact into Group.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Phone Book menu then press OK (Center_Direction) Key.
3. On Phone Book screen, select Groups and press OK (Center_Direction) to display the following information.

Caller Group Details

Select group press OK(Center_Direction) to display its options as follows;

Rename Group
It is used to change selected group name. Select group name on Caller Group Details screen and press Edit(Left_Direction) Key to display Write Rename group screen. Use alphabet/number buttons to change to new name. Press OK(Center_Direction) Key then select done to finish.

Associate Group Ringer
It is used to change select group ringer. Select ringer on Caller Group Details screen. Use Left/Right direction Key to select group ringer.

Associate Group Picture
It is used to change select group picture. Select picture on Caller Group Details screen. Use Left/Right direction Key to select group picture or press View(Left_selection) Key then use Upper/Lower direction Key to select group picture.

Group Color Pattern
It is used to change select group color pattern. Select Color Pattern on Caller Group Details screen. Use Left/Right direction Key to select None or Color pattern 1~6.

Associate Group video
It is used to change select associate video. Select Video on Caller Group Details screen. Use Left/Right direction key to select None, From File.

Add Member
It is used to add member in group. Select Member List on Caller Group Details screen. Press OK or option(Left_selection) Key and select Add. Select contact and press Add(Left_selection) then select Yes(Left_selection) to finish.

Speed Dial

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Phone Book menu then press OK (Center_Direction) Key.
3. On Phone Book screen, select Speed Dial and press OK (Center_Direction) to display the following information.

4. Select Enable Speed Dial on speed Dial screen to turn on/off Speed Dial.

If this option is enabled, you can use a fast call. Select number and then press it to make a fast call thereto in stand-by state. How to make it available is as follows;

Setting Speed Dial Number

In the mobile, individual phone number can be set to each number Key of 2 to 9. For example, if you want to set Key No.7 for certain fast dial number, the procedures below shall be followed.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Phone Book menu then press OK (Center_Direction) Key.
3. On Phonebook screen, select Speed Dial and press OK (Center_Direction) to display the Speed dial menu.
4. Select enable Speed Dial to enable.
5. Select Set Number and press OK(Center_Direction) Key to go into speed dial setup window.

6. Select 7th slot and press Option(Left_selection) Key then select Edit.

7. Select any contact number you want to connect with Key No.7 and press OK(Center_Direction) Key.

8. Press option(Left_selection) Key and select Edit or Delete if you want to Edit or Delete the fast call connection.

If the fast dial number is presently activated, keep pressing Key No.7 till the call connects.

Owner Number

The number of owner number can vary (up to 4) depending on the SIM.

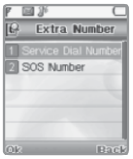
1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Phone Book menu then press OK(Center_Direction) Key.
3. On Phone Book screen, select Owner Number and press OK (Center_Direction) to display the following information.

4. Press option(Left_selection) Key and select Edit or Erase.

- **Edit:** Edit an Owner Number.
- **Erase:** Deletes an Owner Number.

Extra Number

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Phone Book menu then press OK (Center_Direction) Key.
3. On Phone Book screen, select Extra Number and press OK (Center_Direction) to display the following information.



The following is to describe the option.

- **Service Dial Number:** The list of numbers in the SDN (Service Dial Number) appears. Select service Numbers then press Call Key.
- **SOS Number:** The list of numbers in the SOS Number. Select SOS Number then press Call Key.

Management

In Management menu, you can easily change the Storage or Copy and Delete and several other functions.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Phone Book menu then press OK (Center_Direction) Key.
3. On Phone Book screen, select Management and press OK (Center_Direction) to display the following information.

The following is to describe the option.

- **Memory Status:** Used to confirm the capacity and the condition of SIM card or phone memory.
- **Preferred Storage:** Select SIM or Phone.
- **Copy All:** Copy all from SIM to Phone or Phone to SIM.
- **Delete All:** Delete all from SIM, Phone or One By One.
- **Fields:** Setting Contact fields.
- **My vCard:** Edit and Send My vCard.

Through this Calls menu, you can move to call Logs and mainly used number list.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Calls menu then press OK (Center_Direction) Key.

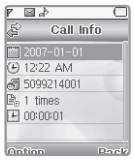
Option list related with Calls menus will be displayed as shown below;

- **All Calls**
- **Missed**
- **Received**
- **Sent**
- **Settings**
- **Call Time**
- **Call Cost**
- **SMS Counter**
- **GPRS Counter**
- **Delete Call Log**

All Calls

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Calls menu then press OK (Center_Direction) Key.
3. On calls screen, select All Calls and press OK(Left_selection) Key to display the following information.

Select a call log and press OK(Left_selection) Key to display call information in detail.



Press option(Left_selection) key to display call info menu with the following options;

- **Delete:** Deletes a selected phone number.
- **Save:** Save selected phone number to the Phonebook.
- **Call:** Tries a call to the selected phone number.
- **Edit:** Edit phone number.
- **Send SMS:** Send the SMS to selected phone number.
- **Send MMS:** Send the MMS to selected phone number.

Missed

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Calls menu then press OK (Center_Direction) Key.
3. On calls screen, select Missed and press OK(Left_selection) Key to display the following information.

Select a call log and press OK(Left_selection) key to display call information in detail.

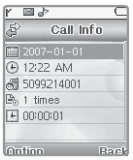
Press option(Left_selection) Key to display call info menu with the following options;

- **Delete:** Deletes a selected phone number in Missed folder.
- **Save:** Save selected phone number to the Phonebook.
- **Call:** Tries a call to the selected phone number.
- **Edit:** Edit phone number.
- **Send SMS:** Send the SMS to selected phone number.
- **Send MMS:** Send the MMS to selected phone number.

Received

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Calls menu then press OK (Center_Direction) Key.
3. On calls screen, select Received and press OK(Left_selection) Key to display the following information.

Select a call log and press OK(Left_selection) Key to display call information in detail.



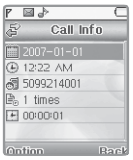
Press option(Left_selection) Key to display call info menu with the following options;

- **Delete:** Deletes a selected phone number in Received folder.
- **Save:** Save selected phone number to the Phonebook.
- **Call:** Tries a call to the selected phone number.
- **Edit:** Edit phone number.
- **Send SMS:** Send the SMS to selected phone number.
- **Send MMS:** Send the MMS to selected phone number.

Sent

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Calls menu then press OK (Center_Direction) Key.
3. On calls screen, select Sent and press OK(Left_selection) Key to display the following information.

Select a call log and press OK(Left_selection) to display call information in detail.



Press option(Left_selection) Key to display call Info menu with the following options;

- **Delete:** Deletes a selected phone number in Dialed folder.
- **Save:** Save selected phone number to the Phonebook.
- **Call:** Tries a call to the selected phone number.
- **Edit:** Edit phone number.
- **Send SMS:** Send the SMS to selected phone number.
- **Send MMS:** Send the MMS to selected phone number.

Settings

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Calls menu then press OK (Center_Direction) Key.
3. On calls screen, select Settings and press OK(Left_selection) Key to display the following information.

The following is to describe the option.

- **Caller ID**
- **Call Waiting**
- **Call Forwarding**
- **Call Restriction**
- **Call Time Reminder**
- **Automatic Redial**
- **Answer Mode**

Caller ID

This service is used to make to display the Caller's ID(number or Name) when sending a call.

- **Set By Network:** Send or Hide by Network.
- **Hide ID:** Do not send a caller's ID to Network
- **Send ID:** Send a caller's ID to Network

Call Waiting

This service is used to make other call to stand by while a first call is connected, which can be applied or cancelled as necessary.

- **Activate:** Activates Call Waiting option.
- **Deactivate:** Deactivates Call Waiting option.
- **Check Status:** Check the status of Call Waiting option.

Call Forwarding

It allows you to make received Call to go to other phone number.
Select this option and press OK(Center_Direction) Key to use this function, which has sub-menus as follows;

- **Divert All Voice Calls:** Forwards all voice call.
- **Divert If Unreachable:** Forwards all calls in no service area.
- **Divert If No Answer:** Forwards all calls in absence, the mode will activate if call is not answered.
- **Divert If Busy:** Forwards all calls during connected with other phone.
- **Divert All Data Calls:** Forwards all data calls.
- **Cancel All Divert:** Deactivates all Call Forwarding.

Call Restriction

This service makes a calls to be sent and received only under the specified conditions. Select following option menu to make use of this service.

- **Outgoing Calls:**
  - **All Outgoing:** Restricts all outgoing calls, which is controlled by password.
  - **International Outgoing:** Restricts all outgoing calls to abroad, which is controlled by password.
  - **International Except Home:** Restricts calls to foreign countries or regions, but to allow calls to your home country.
- **Incoming Calls:**
  - **All Incoming:** Restricts all incoming calls which is controlled by password.
  - **When Roaming:** Restricts a call when in a Roaming state.
- **Cancel All:** Cancel all the pre-set restricts, which is controlled by password.
- **Change Password:** In order to change password for call Restriction, select change password option and press OK(Center_Direction) Key then input the correct existing password first and then new password twice(it is to confirm that the new password is correct).

Call Time Reminder

- **Off**
- **Single:** You can easily set the single alert time. (1~3000Sec.)
- **Periodic:** You can easily set the periodic alert time. (30~60Sec.)

Automatic Redial

If this function is selected, dialing will repeats automatically if the connection has failed since in absence or not answered. In 5 seconds, the phone will try to make a call to the number again automatically.
If you do not want to use this function, press Off(Left_selection) Key, or press OK(Center Direction) Key to select Off.(toggle key)

Answer Mode

- **Any Key Answer:** Starts a Call connection when any key on the keypad has pressed.
- **Auto:** This option will be visible when a Earpiece has connected. If it activates every incoming call will connect automatically in 3 sec.

Call Time

This menu informs a calling time which has been Sent or Received.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Calls menu then press OK (Center_Direction) Key.
3. On calls screen, select Call Time and press OK(Center_Direction) to display the following information.

The following is to describe the option.

- **Last Call Time:** Used call time for the last call.
- **Total Sent:** Used total call time for all sent calls.
- **Total Received:** Used total call time for all received calls.
- **Reset All Time:** Reset all call time.

Call Cost

This menu informs a cost of called which has been Sent or Received.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Calls menu then press OK (Center_Direction) Key.
3. On calls screen, select Call Cost and press OK(Center_Direction) to display the following information.

The following is to describe the option.

- **Last Call Cost:** Informs a call cost of last call.
- **Total Cost:** Informs a call cost of total call.
- **Reset Cost:** Reset all call cost.
- **Max Cost:** Fix a limitation of call cost. It can not be use if the call cost has reached the limitation.
- **Price Per Unit:** Fix a price per unit of call cost.

Note: The Call Cost menu will be shown if the SIM supports.

SMS Counter

This menu informs a quantity of SMS which has been Sent or Received.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select calls menu then press OK (Center_Direction) Key.
3. On calls screen, select SMS Counter and press OK(Center_Direction) to display the following information.

The following is to describe the option.

- **Sent:** Shows the quantity of SMS which has been sent by the phone.
- **Received:** Shows the quantity of SMS which has been received by the phone.

GPRS Counter

This menu informs amount of GPRS which has been Sent, Received or Downloaded in MMS or WAP service.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select calls menu then press OK (Center_Direction) Key.
3. On calls screen, select GPRS Counter and press OK(Center_Direction) to display the following information.

The following is to describe the option.

- **Last Sent:** Shows the size of the last data packet sent by the phone.
- **Last Received:** Shows the size of the last data packet received by the phone.
- **All Sent:** Shows the size of the total data packet which have been sent by the phone.
- **All Received:** Shows the size of the total data packet which have been received by the phone.
- **Reset Counter:** Reset all GPRS Counter Informations.

Delete Call Log

This option is used for you to erase all the call lists through call option menu. (Missed, Received, Dialed, All).
It will erase all the record of calls with ease.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Calls menu then press OK (Center_Direction) Key.
3. On calls screen, select Delete Call Log and press OK(Center_Direction) Key to display the following information.

The following is to describe the option.

- **Missed:** Deletes all absence calls saved.
- **Sent:** Deletes all sent calls saved.
- **Received:** Deletes all received calls saved.
- **Delete All:** Deletes all the lists of calls saved.

This function allows you to create, send, read and save a message using the Short Message Service (SMS: text messages), Multimedia Message Service (MMS: messages supporting presentation of various media types, such as full color images and polyphonic ring tones) provided by your network operator. Voice mails are also available.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Messages menu and then press OK (Center_Direction) Key.

Option list related with Message menus will be displayed as shown below;

- **Messages**
- **Chat**
- **Voice Mail Server**
- **Broadcast Message**

Messages

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Messages menu then press OK (Center_Direction) Key.
3. On Messages screen, Select Message and press OK (Center_Direction) Key to display the following information.

Send New SMS

1. On New screen, Select Text Message and press OK(Center_Direction) Key to display the following information.
2. Input message.
3. Press option(Left_selection) Key.

The following is to describe the option.

- **Done**
  - **Save and Send:** Save message then send message.
  - **Send Only:** Send message.
  - **Save To <Drafts>:** Save the message then draft message.
  - **Send To Many:** Send message to many people.
  - **Send By Group:** Send message to group.
- **Use Template:** Insert a clause stored in Template.
- **Insert Object:** Allows user to insert some object in a message. For example, picture (simple static picture), animation (small moving picture), melody (music), sound (simple bell).
- **Format Text**
  - **Text Size:** Select Small, Medium or Large.
  - **Text Style:** Select On or Off for Bold, Italics, Underline and Strikethrough.
  - **Alignment:** Set alignment among Automatic, Left, Center and Right.
  - **New Paragraph:** Starts new Paragraph with among Automatic, Left, Center and Right.
- **Insert PHB Number:** Can input the number from Phonebook to SMS editor.
- **Insert PHB Name:** Can input the name from Phonebook to SMS editor.
- **Insert Bookmark:** Can insert the Bookmark.
- **Input Method:** Select Input method. (Alphabetic/Numeric/Symbols)

Send New MMS

1. On New screen, Select Multimedia Message and press OK (Center_Direction) Key to display the following information.

- **To:** Where main receiver' s phone number or E-mail addresses Will be specified. Up to 60 characters are available for E-mail and up to 40 numbers for the phone number.

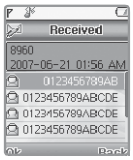
- **Cc:** Where other receiver s contact will be displayed to receive copy of message. How to select receivers is as described previously. You may input several phone numbers or E-mail addresses to send a message to many receivers at a time through address book screen.
- **Bcc:** The Bcc option has same function as CC. Only difference is that phone numbers or E-mail addresses can not be seen for receiver.
- **Subject:** Where title of message will be displayed. Select this option and press Edit(Left_selection) Key to go to Subject screen described previously to input up to 40 characters.
- **Edit Content:** Where details of message are written. Press Edit (Left_selection) Key to go to Subject screen described previously to input up to 1024 characters.
  - **Add text:**
  - **Add Image:** It is used to attach picture or image already saved in the phone.
  - **Add Audio:** It is used to add desired sound to MMS. (You may select the sound saved in the phone or the sound being recorded to the phone using the microphone.)
  - **Add Video:** It is used to add desired Video to MMS. (You may select the Video saved in the phone or the Video being recorded to the phone using the video recorder.)
  - **Add Attachment:** It is used to add desired Attachment to MMS.
  - **Add Slide Before:** Adds a new slide in rear of current page.
  - **Add Slide After:** Adds a new slide in front of current page.
  - **Add Bookmark Text:** Input the bookmarked URL.
  - **Preview:** Displays the appearance of the present messages page.
  - **Slide Timing:** Set the time duration that the received messages displayed. It automatically scrolls to the next slide after the specified time.

2. Press Done(Right_selection) Key to display the following information.

- **Send Only:** Send a message without saving.
- **Save and Send:** Save then send a message.
- **Save to <Drafts>:** Saves the written multimedia message to Drafts folder.
- **Send Options**
  - **Validity period:** Maximum period can be specified as necessary to make message sent. If once the period is over, the message will be automatically deleted. 1 Hour, 12 Hours, 1 Day, 1 Week and the maximum are available for the period. The maximum has been previously established by its service provider. However, the minimum is 1 hour as described above.
  - **Delivery report:** If this function is executed, the message sender will have information on message transfer from MMS service center, through which the message sender can be sure if the message has been read by the receiver or still saved in MMS service center. This information includes the receivers phone number, message details, present state (if transferred or kept in MMS service center), transfer time and date.
  - **Read report:** If this option is executed, you can be sure if its receiver has read the message or not. Once the receiver read the message, the time and date when the message was read will be sent to its sender. No option is available for this function. It lets you be sure if the message has been read by the receiver or not.
  - **Priority:** Displays priority of multimedia messages sent. (Normal, High, Low)
- **Exit:** Exit from MMS menu. It may ask you to save a message before exiting. The saved message will be stored in Drafts folder

Received Messages

In Received, all the received SMS will be stored. It can be stored up to 100
If a message is received, separately specified sound of bell will operate.
And as shown below, an image will be displayed on the screen.



View Saved Message Not Read Yet
Follow the procedures below to read new message saved.

a. **Read Text Message:** Select text message option to display text message list, received. Each message has an icon and sender's number, date. There are two kinds of icons;

- This icon means that the message in the Inbox is not read yet.
- This icon means that the message in the Inbox is read already.

'Received' of SMS

Select a SMS to read now and press option(Left_selection) Key.

- **View:** Viewing all information related with the message.
- **Reply:** Displays Write Text Screen to replay to the message received. Write message as desired. If you want to know how to write and send text message (SMS), refer to <Send New SMS>.
- **Forward:** Delivers the received message to others. Input the phone number directly thereon or select a receiver on PhoneBook. Then press OK(Center_Direction) Key.
- **Edit:** Edit the message.
- **Delete:** Delete the SMS a message.
- **Delete All:** Deletes all messages.
- **Use Number:** Use Numbers which contained in a Message.
- **Use URL:** Use URL which contained in a Message.
- **Chat:** Start Chatting.
- **Advanced**
  - **Copy to SIM/Phone:** Copy the Selected Message to Phone or SIM.
  - **Move to SIM/Phone:** Move the Selected Message to Phone or SIM.
  - **Copy All text Messages:** Copies all the Selected Message.
  - **Move All Text Messages:** Moves all the Selected Message.

'Received' of MMS

Select MMS to read and press option(Left_selection) Key to display various option menus.

- **View:** Viewing all information related with the message.
- **Reply:** Reply the MMS Message to Sender's number.
- **Reply to all:** Reply the MMS Message to Sender's and CC, BCC number.
- **Forward:** Forwards the Message to others receiver.
- **Edit:** Edits all information related with the message.
- **Delete:** Delete draft message.
- **Delete All:** Delete all draft messages.
- **Properties:** Shows the message information as it appears on the recipient's phone.
- **Use Detail:** Use Numbers or Email address which contained in a Message.

Sent Message

'Sent' stores messages that you have sent.

'Sent' of SMS

Select a SMS to read now and press option(Left_selection) Key.

- **View:** View the message.
- **Forward:** Delivers the sent message to others.
- **Edit:** Edits all information related with the message.
- **Delete:** Delete a message.
- **Delete All:** Delete all messages.
- **Use Number:** Use dial or save to phonebook.
- **Use URL:** Use URL which is in a Message.
- **Advanced**
  - **Copy to SIM/Phone:** Copy the Selected Message to Phone or SIM.
  - **Move to SIM/Phone:** Move the Selected Message to Phone or SIM.

- **Copy All text Messages:** Copies all the Selected Message.
- **Move All Text Messages:** Moves all the Selected Message.

'Sent' of MMS
Select a MMS to read now and press option(Left_selection) Key.

- **View:** Viewing all information related with the message.
- **Send:** Send draft message.
- **Edit:** Edits message and the receiver number.
- **Delete:** Delete draft message.
- **Delete All:** Delete all draft messages.
- **Properties:** Shows the message information as it appears on the recipient' s phone.
- **Save Object:** Save object which is attached in Message.
- **Use Detail:** Use Numbers or Email address which contained in a Message

Unsent Messages

'Unsent' stores messages that you have failed to send, or canceled.

'Unsent' of SMS
Select a SMS to read now and press option(Left_selection) Key.

- **View:** View the message.
- **Send:** Send a message.
- **Edit:** Edits all information related with the message.
- **Delete:** Delete a message.
- **Delete All:** Delete all messages.
- **Use Number:** Use Numbers which contained in a Message.
- **Use URL:** Use URL which contained in a Message.
- **Advanced:**
  - **Copy to SIM/Phone:** Copy the Selected Message to Phone or SIM.
  - **Move to SIM/Phone:** Move the Selected Message to Phone or SIM.

- **Copy All Text Messages:** Copies all the Selected Message.
- **Move All Text Messages:** Moves all the Selected Message.

'Unsent' of MMS

Select a MMS to read now and press option(Left_selection) Key.

- **View:** Viewing all information related with the message.
- **Send:** Send a message.
- **Edit:** Edits all information related with the message.
- **Delete:** Delete draft message.
- **Delete All:** Delete all draft messages.
- **Properties:** Shows the message information as it appears on the recipient's phone.
- **Save Object:** Save object which is attached in Message.
- **Use Detail:** Use Numbers or Email address which contained in a Message.

Drafts Messages

'Drafts' store messages which is saved for holding or keeping.

'Drafts' of SMS

Select a SMS to read now and press option(Left_selection) Key.

- **View:** View the message.
- **Send:** Send draft message.
- **Edit:** Edits message and receiver's number.
- **Delete:** Delete draft message.
- **Delete All:** Delete all draft messages.
- **Use Number:** Use Numbers which contained in a Message.
- **Use URL:** Use URL which is in a Message.

- **Advanced:**
  - **Copy to SIM/Phone:** Copy the Selected Message to Phone or SIM.
  - **Move to SIM/Phone:** Move the Selected Message to Phone or SIM.
  - **Copy All Text Messages:** Copies all the Selected Message.
  - **Move All Text Messages:** Moves all the Selected Message.

'Drafts' of MMS

Select a MMS to read now and press option(Left_selection) Key.

- **View:** View the message.
- **Send:** Send draft message.
- **Edit:** Edits all information related with To, Cc, Bcc, Subject or Edit content.
- **Delete:** Delete draft message.
- **Delete All:** Delete all draft messages.
- **Properties:** Shows the message information as it appears on the recipient's phone.
- **Use Details:** Use Numbers or Email address which contained in a Message.

Delete Folder

Deletes all Messages from selected folder or Delete all folder at once.

- **Received**
- **Unsent**
- **Sent**
- **Drafts**
- **Delete All Folders**

Templates for SMS

Select a pre-written Template above the list. You can easily edit the prewritten templates as you need.

Select a Template menu and press Option(Left_selection) Key.

- **Edit:** Edits Template message.
- **Erase:** Erase Template message.
- **Erase All:** Erase all Template messages.
- **Write Message:** Write Template message.

Templates for MMS

Select a Template menu and press Option(Left_selection) Key.

- **View:** View the message.
  - **View:** View the message.
  - **Save Object:** Save object to phone or Memory card.
- **Properties:** Shows a properties.
- **Write Message:** Writes a new MMS template.

SMS Message Settings

- **Profile Setting:** In Profile setting, you can change the Name of profile, number of SMS Center, Valid period and message type.
- **Common Setting:** Can enable or disable Delivery report and Request Reply.
- **Memory Status:** It shows the memory status of SIM and Phone about the SMS message.
- **Preferred Storage:** You can select the Storage for current saving point. Select SIM of Phone.
- **Add new word:** You can add new word for user dictionary.

MMS Message Settings

It is used to define a options for MMS. The options displayed on screen are as shown below;

- **Sending**
  - **Validity period:** Maximum period can be specified as necessary to make message sent. If once the period is over, the message will be automatically deleted. 1 Hour, 12 Hours, 1 Day, 1 Week and the maximum are available for the period. The maximum has been previously established by its service provider.
  - **Delivery report:** When this option is set to On, the network informs you whether or not your message has been delivered successfully.
  - **Read report:** When this option set to On, receiver' s phone sends a reply to let you know when your message was read by her/him.
  - **Priority:** Select Low, Normal or High.
  - **Slide Timing:** Displays the play time in second during the attached file is played.(Up to 99 seconds available.) Input 1 to 99.
  - **Delivery time:** Select In one hour, In 12 hours, In 24 hours or Immediate.
- **Retrieval**
  - **Home network:** Select Delayed, Immediate, Restricted or User Confirmation.
  - **Roaming:** Select As Home, Delayed, Restricted or User Confirmation.
  - **Read Report:** Select On request, Send or Never Send.
  - **Deliver Report:** Select On or Off.

- **Filters**
  - **Anonymous:** Whether Allow or Reject Unknown Message.
  - **Advertisement:** Whether Allow or Reject advertisement Message.
- **Edit Profile:** Select Profile1 ~10 to edit.
- **Compose**
  - **Creation Mode:** Select Free or Restricted.
  - **Image Resizing:** Select 160X120, 320X240 or Off.
  - **Auto Signature:** Select On or Off.
  - **Text:** Input Text.
- **Memory Status:** This function displays the amount of used and available memory on your phone.

Chat

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Messages menu then press OK (Center_Direction) Key.
3. On Messages screen, Select Chat and press OK(Center_Direction) Key to display the following information.
4. Select Chat Room 1 or Chat Room 2 and press Option(Left_selection) Key.

5. Select Chat Room Info. Set nickname and remote number then press OK(Center_Direction) Key.
6. Select Start New and send message.

Voice Mail Server

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Messages menu then press OK (Center_Direction) Key.
3. On Messages screen, Select Voice Mail Server and press OK (Center_Direction) Key to display the following information.

4. Press option(Left_selection) Key.

Connect to Voice

Connect to Voice mail server.

Broadcast Message

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Messages menu then press OK (Center_Direction) Key.
3. On Messages screen, Select Broadcast Message and press OK (Center_Direction) Key to display the following information.

The following is to describe the option.

- **Reception:** Allows you to receive Broadcast messages if this option is selected. (Default is set to Off)
- **CB List:** Shows CB messages recently received, not saved nor deleted on this screen. If there is no message, List is empty will be displayed.
  If there is any message, its related title will be shown. Press details Key for further information. To save the message press Yes(Left_selection) Key, and press No(Right_selection) Key to delete.
- **Languages:** Check On or Off the desirable Language.

• **Channel:** Defines a channel to receive Broadcast messages. Select a new channel from the list to display on screen and use option Key to execute. If you want to add a new channel to list, press option Key and then Add. Input new channel number to number writer and press OK (Center_Direction) Key (Up to 3-digit number is available and the number shall be surely input. If not, channel setting will not be available). The Write option of sub-menu edits name and number assigned to the selected channel on the list. Up to 10 channels are available.

Note: The Broadcast message menu will be shown if the SIM supports.

Movistar

1. Use function of SIM Tool Kit.
2. The menu can be used if the SIM supports.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Service menu then press OK (Center_Direction) Key.

Option list related with Service menus will be displayed as shown below;

- **mcontenidos**
- **Data Account**

mcontenidos

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Service menu then press OK (Center_Direction) Key.
3. On Service screen, Select mcontenidos and press OK(Center_Direction) Key to display the following information.

The following is to describe the option.

- **Home Page:** Goes to home page directly.
- **Bookmarks:** This provides easy website access without inputting a URL again.
- **Recent Pages:** To Allows the user to goto the URL, which you recently connected.
- **Go to URL:** Input the desired URL.
- **Settings**
  - **Edit Profile:** Select the Profile 1~10 and edit.
  - **Browser Options**
    - **Timeout:** The Timeout is disconnection time when there are no response in GPRS connection. Input 15~300.
    - **Show Images:** The Show Image is the choice of viewing an image in WAP connection. Select On or Off.

- **Service Message:** Select On or Off.
- **Clear Cache:** Select Yes(Left_selection) Key to clear cache.
- **Clear Cookies:** Select Yes(Left_selection) Key to clear Cookies.
- **Connect Confirmation:** Select On or Off.
- **Trusted Certificates:** Shows certification.

Data Account

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Service menu then press OK (Center_Direction) Key.
3. On Service screen, Select Data Account and press OK (Center_Direction) Key to display the following information.

The following is to describe the option.

- **GSM Data:** Displays environmental setting of GSM connection and specifies number to call, type of terminal (analog or digital), and inactive duration till the service is available.
- **GPRS:** Helps to change the address of APN or communication network.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menus icon and then press OK(Center_Direction) Key. The icons are as shown below;

Option list related with Multimedia menus will be displayed as shown below;

- **Camera**
- **MP3 Player**
- **Images**
- **Videocamera**
- **Videos**
- **Photo Editor**
- **Sound Recorder**

Camera

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menu then press OK (Center_Direction) Key.
3. On Multimedia screen, Select Camera and press OK(Center_Direction) Key to display the following information.

The following is to describe the option.

- **From Menu:** On the menu screen,select multimedia then select camera. Press OK(Center_Direction) again. If the camera operates anyway, let the phone stand lengthwise with its number pad downward, then catch hold of an object to take a picture of using the direction Key (ensure that camera controller is located at the rear central upper of the phone) and press OK(Center_Direction) in the center to take a picture.
- **Hot Key:** Keep pressing and hold the upper side volume key in stand-by screen.

You can adjustment camera options by using numeric key.

Note: - Wait a few seconds for the digital sensor to adjust to digital tone of color when starting camera operation, which will make the quality of images excellent.
- Sound similar to the shutter of a camera will be heard for you to feel the same as with the actual camera when the moment a picture is taken.

Camera Options

The camera built-in the mobile includes functions of digital zooming and glossy adjustment. If the camera starts to operate, the following icon will be displayed on the option below the screen.

The following is to describe the option.

- **Album:** Shows Image album.
- **Camera Setting**
  - **Shutter Sound:** Select Sound 1~3 and Silent.
  - **EV:** Select EV +4 ~ -4.
  - **Banding:** Select 50Hz or 60Hz.
  - **Delay Timer:** Select 5 sec, 10 sec, 15 sec or Off.
  - **Cont Shot:** Select 3 Shot, 5 Shot or Off.
- **Image Setting**
  - **Image Size:** Size of image that you want to shoot 128x160, 160x120, 320x240 or 640x480.
  - **Image Quality:** Select Normal, High or Low.

- **White Balance:** To Select white tone balance. (Auto, Daylight, Tungsten, Fluorescent, Cloud or Incandescence)
- **Scene Mode:** Select Auto or Night.
- **Effect Setting:** Select Normal, Grayscale, Sepia, Sepia Green, Sepia Blue, Color Invert.
- **Add Frame:** Select your favorite fun picture frame to decorate your picture frame to decorate your picture. (Off or Frame 1~10)
- **Storage:** Select Phone or Memory Card.
- **Restore Default:** Select Restore Default Yes or No.

Note: You can adjustment digital Zooming use upper or low direction Key on camera screen.

Note: By pressing # key, you can select the Function Icon display or non-display.

Management Options

After Capturing, Press Option to management the Capture Image. If the image has captured, it means it has already saved.

- **Delete:** Deletes the captured image.
- **Rename:** Renames the default name of captured image.
- **Forward:** Set as Wallpaper, Screen Saver, Power On Display, Power Off Display, PhoneBook or MMS.
- **View:** View images which has already captured.

MP3 Player

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menu then press OK (Center_Direction) Key.
3. On Multimedia screen, Select MP3 Player and press OK (Center_Direction) Key.

MP3 Player Options

Press List(Left_selection) Key and select audio file then press Option (Left_selection) Key to display the following information.

The following is to describe the option.

- **Play:** Play audio.
- **Detail:** To view audio information.
- **Add To Rings:** Select audio file then press OK(Center_Direction) Key to finish.
- **Refresh List**
- **Settings**
  - **Play List:** Select From Phone or Memory Card.
  - **List Auto Gen:** Select On or Off.
  - **Skin:** Select Skin 1~3.

- **Repeat:** Select desired, One, All or Off.
- **Shuffle:** Select On(it will play randomly) Or Off.
- **Background Play:** Select On or Off.
- **Equalizer:** Select Normal, Bass, Dance, Classical, Treble, Party, Pop or Rock.

You can see the below option When the play list has no song.

- **Refresh List**
- **Settings**

How to use the MP3 player

- / To play or Pause the player use Center of the direction key.
- To Stop Playing MP3 player use Lower of the direction key.
- To play the next file use Right of the direction key.
- To play the previous file use Left of the direction key.
- Adjust the Volume by using side volume key.

How to list up to the play list

To list up the audio file to play list, use USB cable.

1. Connect the USB cable with Phone and PC.
2. After connecting the USB cable, you can access to Phone memory and Memory card.
3. Copy the audio file to 'My Music' then you can list up the play list into the audio player.

Note:

- In power off state you can access to both Phone and Memory card memory. However, in power on state, you can only access to memory card memory.
- In case of 'List Auto Gen', option in audio player setting, is off, you can list up the desirable audio file to play list one by one.
- The default memory directory of play list is 'Phone'. Switch over the directory to 'Memory card' to play the MP3 which has stored in memory card.

Images

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menu then press OK (Center_Direction) Key.
3. On Multimedia screen, Select Images and press OK (Center_Direction) Key to display the following information.

List

Matrix

Images Options

Enables you to view or edit the photos saved in your handset.

- **View:** View an image.
- **Browse Style:** Select List Style or Matrix Style.
- **Forward:** Set as Wallpaper, Screen Saver, Power On Display, Power Off Display, PhoneBook or MMS.
- **Rename:** Rename an image.
- **Delete:** Delete an image.
- **Delete All Files:** Delete all images.
- **Sort:** Select By Name, By Type, By Time, By Size or None.
- **Storage:** Select Phone or Memory Card.

Videocamera

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menu then press OK (Center_Direction) Key.
3. On Multimedia screen, Select Video Recorder and press OK (Center_Direction) Key to display the following information.

Videocamera

1. On Multimedia screen, Select Video Recorder and press OK (Center_Direction) Key to display the following information.
2. Press OK(Center_Direction) Key to Start & Pause video recording.
3. Press Stop(Right_Direction) Key to Stop Record Video.

Videocamera Options

- **To Player:** To open the Video play list which is stored in Videos folder.
- **CamCorder Setting:**
  - WB **White Balance:** To Select white tone balance. (Auto, Daylight, Tungsten, Fluorescent, Cloud, or Incandescence)
  - **EV:** Select EV +4 ~ -4.

- **Night Mode:** Select On or Off.
- **Banding:** Select 50Hz or 60Hz.

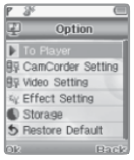
• **Video Setting:**

- **Video Quality:** Select Normal, Low, Fine or High.

• **Effect Setting:** Select Normal, Grayscale, Sepia, Sepia Green, Sepia Blue, Color Invert.

• **Storage:** Select Phone or Memory Card.

• **Restore Default:** Select Restore Default Yes or No.



How to use the Videocamera

- To Start Video Record or Pause Video Record use Center of the direction key.
- To Stop Video Recording use, (Right_selection) key.
- To adjust EV use Left and, Right of the direction key.
- To adjust Zoom mode, use Upper and Lower of the direction key.

Note: The extension of Recorded file is 'AVI' which has encoded by 'Motion-Jpeg'

Videos

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menu then press OK (Center_Direction) Key.
3. On Multimedia screen, Select Videos and press OK (Center_Direction) Key to display the following information.

Videos Options

1. On Multimedia screen, Select Videos and press OK (Center_Direction) Key to display the following information.
2. Select Phone or Memory Card. Select Video then press Option (Left_selection) Key to display the following information.

The following is to describe the option.

- **Play:** Play recorded or saved video.
- **Forward:** Set as PhoneBook, Screen Saver, Power On Display, Power Off Display or MMS.
- **Rename:** Rename an image.
- **Delete:** Deletes a video file.
- **Delete All Files:** Delete all video file.
- **Sort:** Select By Name, By Type, By Time, By Size or None.
- **Storage:** Select Phone or Memory Card.

How to use the Videos

- To Play Video, also Pause and Resume, use Center of the direction key or Left_selection key.
- To Stop Video, use (Right_selection) key.
- To adjust Play speed, use Upper and Lower of the direction key.
- To move to Forward, use Right of the direction key.
- To move to Backward, use Left of the direction key.

Note: It only supports 'AVI' format which has encoded by 'Motion-Jpeg'

Photo Editor

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menu then press OK (Center_Direction) Key.
3. On Multimedia screen, Select Photo Editor and press OK (Center_Direction) Key to display the following information.

Enables you to edit the photos saved in your handset.

Auto Resize Options

- **Save as:** Saves a edited file.
- **Add Frame:** Add a frame. Select the Frame1 ~ Frame10.
- **Add Icon:** Add an Icon. Select a desirable Icon.
- **Add Text:** Add Text. Edit the text and adjust the location.
- **Flip:** Flip a image. Use direction key to flip upside down or left or right.
- **Expand Canvas:** Expand an image to full screen size.
- **Help:** Use help.

MainLCD Clip

You can easily clip the image from the original copy.

- **Moving the clipping target:** Use direction key(Up/Down/left/right)
- **Scale up and down the target:** Use '*' or '#' key.

Sound Recorder

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menu then press OK (Center_Direction) Key.
3. On Multimedia screen, Select Sound Recorder and press OK (Center_Direction) Key to display the following information.

Record Sound

1. On Sound Recorder screen, Select Phone or Memory Card and press OK(Center_Direction) Key to display the following information.
2. Press Option(Left_selection) Key and select Record.

- Press **Pause Key**(Left_selection) to pause the record sound.
- Press **Stop Key**(Right_selection) to Stop the record sound.
- Press **Cont. Key**(Left_selection) to Continue the record sound.

Recording Options

- **Record:** Start to record sound.
- **Play:** Play recorded file.
- **Append:** Can append to pre-recorded audio file. Select recorded file then start append record.
- **Rename:** Rename a recorded file.
- **Delete:** Delete a recorded file.
- **Delete All:** Delete all recorded files.
- **Settings:** Select storage. Phone or Card. Select recording format. AMR or WAV.
- **Forward:** Select To User Ringtone or To MMS.

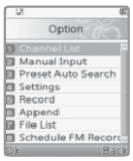
FM Radio

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menu then press OK (Center_Direction) Key.
3. On Multimedia screen, Select FM Radio and press OK (Center_Direction) Key to display the following information.

Note: To use the FM radio you must connect the earphone as antenna.

- : Search channel list.
- : Radio power on.
- : Move to forward frequency.
- : Move to Backward frequency.
- : To adjustment sound use side volume key.

FM Radio Options



- **Channel List:** Select Option(Left_selection) Key and select Edit. On edit screen, input Channel Name and Frequency and press OK(Left_selection) Key then select Yes(Left_selection) Key to save channel.
- **Manual Input:** Input a frequency by using numeric key.
- **Preset Auto Search:** Searching a Channel automatically.

- **Settings:**
  - **Background Play:** Select On or Off.
  - **Skin:** Select Skin1~3.
  - **Record Format:** Select AWB, AMR or WAV.
  - **Record Storage:** Select a Storage, Phone or Memory Card.
- **Record:** Record a radio broadcast.
- **Append:** Can append to pre-recorded audio file. Select recorded file then start append record.
- **File List:** Recorded radio file list.

Schedule FM Record

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menu then press OK (Center_Direction) Key.
3. On Multimedia screen, Select Schedule FM Record and press OK (Center_Direction) Key to display the following information.

Select Edit(Left_selection) Key to set record.

- **On/Off:** Select On or Off.
- **Date&Time:** Input Date&Time using numeric key.
- **Repeat:** Select Once, Everyday, Days(Monday~Friday), Weekly or Monthly.
- **Channel Setting:** Set Channel.
- **Record Setting:** Setting Record Format(AMB, AWR or WAV), Storage (Phone or Card), Record File(New File or Append File).

Melody Composer

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Multimedia menu then press OK (Center_Direction) Key.
3. On Multimedia screen, Select Melody Composer and press OK (Center_Direction) Key to display the following information.

Create Melody

1. Press Add(Left_selection) to make a new Melody.
2. Press Option(Left_selection) Key.
3. Press Add(Left_selection) Key then you can input musical note by using numeric key.

4. If you want to delete a musical note press Clear(Right_ selection) Key.
5. Press option(Left_selection) Key. The following is to describe the option.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Entertainment menu then press OK(Center_Direction) Key.

Option list related with Entertainment menus will be displayed as shown below;

- **My Games**
- **Greeting Text**
- **Health**
- **Melody Composer**

My Games

In My Games, you can choose desired game to play.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Entertainment menu then press OK(Center_Direction) Key.
3. On Entertainment screen, Select Games and press OK (Center_Direction) Key to display the following information.

The following is to describe the option.

- **Copter**
- **Puzzle**
- **Game Setting**
  - **BGM:** Select On or Off for the game background sound.
  - **Sound Effect:** Select On or Off for the game effect sound.
  - **Game Vibration:** Select On or Off for the game vibration.

Greeting Text

This is used to specify an initial greeting which will be shown on the screen for a few seconds when the phone is turned on.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Entertainment menu then press OK(Center_Direction) Key.
3. On Entertainment screen, Select Greeting Text and press OK (Center_Direction) Key to display the following information.

The following is to describe the option.

- **Status:** Select On or Off.
- **Greeting Text:** Press Edit(Left_selection) and input Greeting Text.

Health

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Entertainment menu then press OK(Center_Direction) Key.
3. On Entertainment screen, Select Health and press OK (Center_Direction) Key to display the following information.

You can check your BMI and menstrual.

BMI

The following is to describe the option.

- **Select Male or Female.**
- **Input Height (Cm) by using numeric key.**
- **Input Weight (Kg) by using numeric key.**

If all information has input, press OK to get the BMI result.

Menstrual

The following is to describe the option.

- **Input Last Mens Date.**
- **Input Average Period by using numeric key.**

If all information has inputted, press OK(Left_selection) to get the Menstrual result.

Melody Composer

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Entertainment menu then press OK(Center_Direction) Key.
3. On Entertainment screen, Select Melody Composer and press OK(Center_Direction) Key to display the following information.

Create Melody

1. Press Add(Left_selection) to make a new Melody.
2. Press Option(Left_selection) Key.
3. Press Add(Left_selection) Key then you can input musical note by using numeric key.

4. If you want to delete a musical note press Clear(Right_ selection) Key.
5. Press option(Left_selection) Key. The following is to describe the option.

The following is to describe the option.

- **Play:** Play the created melody.
- **Play Speed:** Select play speed Fast, Normal or Slow.
- **Select Instrument:** Select instrument Piano, Guitar, Violin, Saxophone, Steel Drums, Flute, Harmonica, Trumpet, Music Box or Xylophone.
- **Save:** Save the created melody.

The Extras menus allow you to connect to other functions of the phone and SIM card. Follow the procedures below to enter Tools menu.

1. Press OK(Center_Direction) Key when the phone is in stand-by state to display options on main menu.
2. Use the direction Key to select Tools menu.

The following is to describe the option.

- **Calendar**
- **Alarm**
- **Calculator**
- **Unit Converter**
- **Stopwatch**
- **World Clock**

Calendar

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Tools menu then press OK (Center_Direction) Key.
3. On Tools screen, select Calendar and press OK(Center_Direction) Key to display the following information.

Add Events

1. On option screen, select View Tasks and press OK(Center_Direction).
2. On Task List screen, press Add(Left_selection).

- **Date:** Set date.
- **Start Time:** Set start time.
- **End Time:** Set end time.
- **Note:** Press Edit(Left_selection) Key then input a memo.
- **Alarm:** Select On or Off.
- **Repeat:** Select Once, Everyday, Days(Monday~Friday and or Weekends), Weekly or Monthly.

3. Press Done(Right_selection) then select Yes(Left_selection) to finish.

Jump To Date

1. On option screen, select Jump To Date and press OK(Center_Direction).
2. Input date by using numeric key then press OK(Center_Direction).

Alarm

In Alarm, you can set alarm to alert in settled days and time.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Tools menu then press OK (Center_Direction) Key.
3. On Tools screen, select Alarm and press OK(Center_Direction) Key to display the following information.

Add Alarm

The following is to describe the option.

- **Set:** Select On or Off.
- **Time:** Set time.
- **Repeat:** Select Once, Everyday or Days(Monday~Friday).
- **Tone:** Select Tone.
- **Snooze(Mins):** Select snoozing duration.
  - Set as Default or 1~10minutes.
- **Alert type:** Select the mode above, Vibration only, Vibra and Ring and Ring.

4. Press Done(Right_selection) Key then select Yes(Left_selection) to save alarm.

Calculator

The mobile calculator helps you to perform basic calculation work.
Follow the procedures below to use the calculator.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Tools menu then press OK (Center_Direction) Key.
3. On Tools screen, Select Calculator and press OK(Center_Direction) Key to display the following information.

- Use numeric keys to input numbers desired.
- Use * Key to display a decimal point.
- Use # Key to make a negative number.
- After desired number is input, press Navigation Key to input the signs of +, -, x and /.
- Input the first number and then the second number to calculate.
- Te get the result of the calculation, press Equals Key (See the figure below).
- You can use the acquired result to apply to other calculation with Navigation Keys. This calculator does not support simultaneous multicalculation. You should divide the object into several in such a case and then perform each calculation in due consideration of calculation priority.

Press Back(Right_selection) Key to return to previous screen.

How to use MC, MR, M- and M+

- MC (Memory Clear)
- MR(Memory Read)
- M-(Subtract the result from memory)
- M+(Add the result from memory)

For example, when calculating the (3x2)+(5x4) you need each result for (3x2) and (5x4) to get the grand total.
However, it's more convenience when using the MC, MR, M- and M+. First, calculate (3x2) to get the 6 and press M+ to keep it into memory, then calculate (5x4) continuously to get the 20 and press M+ again to get the grand total 26.

Unit Converter

In Unit Converter, you can get a Weight and Length in converted value.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Tools menu then press OK (Center_Direction) Key.
3. On Tools screen, Select Unit Converter and press OK(Center_Direction) Key to display the following information.

The following is to describe the option.

- **Weight:** kg <-> g, kg <-> t or etc.
- **Length:** km <-> inch, ft <-> or etc.
- **Volume:** ml <-> l , mm3 <-> cm3 or etc.
- **Temperature:** Centigrade <-> Fahrenheit, Fahrenheit <-> Centigrade
- **Velocity:** km/h <->m/s , mile/h <-> ft/s or etc
- **Surface:** acre <-> ha, mm2 <-> cm2 or etc.

Stopwatch

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Tools menu then press OK (Center_Direction) Key.
3. On Tools screen, Select Stopwatch and press OK(Center_Direction) Key to display the following information.

Typical Stopwatch

In Typical Stopwatch, you can use the stopwatch in Spilt, Lap and also can view a record.

Split Timing

- To start, press Start(Left_selection) Key.
- To Stop, press Stop(Left_selection) Key.
- To Resume, press Resume(Left_selection) Key.
- To Split, press Split(Right_selection) Key.
- To Save Split time, press Back(Right_selection) Key then select Yes(Right_ selection). Input Save Stopwatch title and press Option (Left_ selection) then select Done.

Lap Timing

- To start, press Start(Left_selection) Key.
- To Stop, press Stop(Left_selection) Key.
- To Resume, press Resume(Left_selection) Key.
- To Lap, press Lap(Right_selection) Key.
- To Save Lap time, press Back(Right_selection) Key then select Yes (Right_selection). Input Save Stopwatch title and press Option (Left_selection) then select Done.

View Record

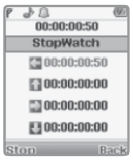
- **View:** View a record.
- **Delete:** Delete a record.
- **Delete All:** Delete all record.

To clear the list, Keep on pressing Resume key.

nWay Stopwatch

In nWay Stopwatch, you can use each 4 stopwatches by using Navigation key.

- First, start/stop/resume by (Left_Direction) Key.
- Second, start/stop/resume by (Upper_Derection) Key.
- Third, start/stop/resume by (Right_Derection) Key.
- Forth, start/stop/resume by (Lower_Derection) Key.



Note: To clear the list, Keep on pressing Resume key .

World Clock

In World clock, you can set Daylight to get a right time for each Capitals.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Tools menu then press OK (Center_Direction) Key.
3. On Tools screen, Select World Clock and press OK(Center_Direction) Key to display the following information.
4. Go to option and press On/Off(Left_selection) Key to Daylight Saving Time for Foreign City On or Off.

Note: Press 'Option' to use Daylight saving time.

In Settings menu, you can specify all appearances of the mobile.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Settings menu and then press OK(Center_Direction). The icons are as shown below;

Option list related with Setting menus will be displayed as shown below;

- **Telephone**
- **Network Settings**
- **Security Setting**
- **Messages**
- **Calls**
- **Time and Date**
- **File Manager**
- **Factory Reset**

Telephone

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Settings menu and then press OK(Center_Direction).
3. On Settings screen, Select Telephone and press OK(Center_Direction) Key to display the following information.

The following is to describe the option.

- **Sounds**
- **Display**
- **Language**
- **Preferred Input Mode**
- **Airplane Mode**
- **Auto Keypad Lock**

Sounds

In Sound menu, you can easily select the pre-defined sound profile. First, select the one of the profile then customize each items. After you customized them please activate to use the selected profile.

- **Normal**
- **Meeting**
- **Outdoor**
- **Indoor**
- **Headset**

Please refer the detail instruction as followed

- **Normal**
  - **Activate:** Press Ok to activate the Normal sound mode.
  - **Customize**

    Tone setup

    Select tone item to select the desirable Bell or Melody. You can use Empty slot for select the Sound which has downloaded(from WAP) or stored in T- flash Memory.

- **Calls:** Incoming call alert sound. Select among the Bell, Melody or User-selectable sound.
- **Alarm:** Select Alarm alert sound. Select among the Bell, Melody or User-selectable sound.
- **Power On:** Power on sound. Select among the Silent, Tone1 ~ Tone4.
- **Power Off:** Power off sound. Select among the Silent, Tone1 ~ Tone4.
- **Messages:** Messages incoming sound. Select among the Silent, Tones or User-selectable sound.
- **Keypad:** Key tone sound. Select among the Silent, Click or Tone.

Volume

Sets volume from Speaker & Earpiece and Ringer for hearing or speaking.

- **Ring:** Adjust Ring Tone volume 1~7.
- **Keypad:** Adjust Key Tone volume 1~7.

Note: Please use a same method to use the other sound profile such as Meeting, Outdoor, Indoor, Headset.

Alert type

Select Ring, Vibration Only, Vibra and Ring, Vibra Then Ring or Light Only.

Ring type

Select Single, Repeat or Ascending.

Extra Tone

Select Warning, Error, Camp on, Battery Low, Connect, Disconnect, Roaming and No Service.

Note: On Idle screen, long pressing '*' key switches Silent mode on/off.

Display

- **Wallpaper:** Select an image to use a background screen.
- **Screen Saver:** Select an image to use a screen saver.
  - **Setting:** Select Status On or Off.
    Select Waiting time 5 Sec, 15 Sec 30 Sec or 1 Minute.
  - **Select:** Select an image from System or User Define.
- **Themes:** Select Orange, Blue or Grey.
- **LCD Backlight:** Select 10, 20, 30, 40, 50, 60,.. Seconds.
- **Shortcut Display:** Select On/Off to display the Shortcut display on Idle screen.
- **Digit Color:** Select 'Black on White' or 'White on Black' mode.
- **Power On Display:** Select an Animation to use a background screen when power on.
- **Power Off Display:** Select an Animation to use a background screen when power off.

Language

Where you can choose a language you want to use. (If a language is selected, all menu options, option Key, message, form, etc. will be displayed in the language selected) Available languages are as follows:

- **Automatic**
- **Español**
- **English**

Preferred Input Mode

Select preferred input mode in default usage.

- **Multitap abc**
- **Multitap Abc**
- **Multitap ABC**
- **Numeric**
- **Smart ES**
- **Smart es**
- **Smart Es**
- **Smart ABC**
- **Smart abc**
- **Smart Abc**

Airplane Mode

After you select Airplane Mode on, you cannot call or receive calls. This mode supports use of these features in environments where transmitters or receivers are not allowed, such as on an airplane.

Auto Keypad Lock

By selecting the Auto keypad lock, (None, 5 sec, 30 sec, 1 min, 5 min) the Phone will automatically lock the keypad.

Network Settings

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Settings menu and then press OK(Center_Direction).
3. On Settings screen, Select Network Settings and press OK (Center_Direction) Key to display the following information.

The following is to describe the option.

- **Select Mode**
- **Preferred**

Select Mode

In this menu, you can search the network and select the mode, Automatic or Manual.

Preferred

It helps you to define PLMN list in preferred sequence.
Select Preferred on Network screen and press OK(Center_Direction) (See < Setting communication network environment > for the route to this option). Preferred is as shown below;
PLMN communication network connected will be displayed on this screen in preferred sequence.
Available option buttons are as follows:

- **Add from List:** Can select PLMN from the list.
- **Create new:**
  - **MCC/MNC:** Input a MNC and MCC code.
  - **Priority:** Change the priority.
- **Change Priority:** Allows you to change the Priority.
- **Delete:** Deletes desired communication code from communication network list. Select communication network code to delete from the preferred. Choose its option and press Delete and Enter. Then press Yes(Left_selection) to confirm.

Security Setting

The security settings enable you to restrict the use of your phone to specific people and types of calls. Codes and passwords are used to protect these features of your phone. Your phone' s security features keep your phone and SIM card safe from unauthorized use, and you can either set a password for your phone or use the call barring service and Fixed Dialing mode to restrict which calls can be made using your phone.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Settings menu and then press OK(Center_Direction).
3. On Settings screen, Select Security Setting and press OK (Center_Direction) Key to display the following information.

The following is to describe the option.

- **PIN Lock**
- **SIM Lock**
- **Phone Lock**
- **Fixed Dial**
- **Barred Dial**
- **Change Password**

PIN Lock

PIN Lock is used to keep the phone from robbed. If the PIN Lock is enabled, the SIM will be locked by PIN code and User must put a PIN code to power on the Phone.

SIM Lock

Same as PIN Lock, SIM Lock is used to keep the phone from robbed. If the SIM Lock is enabled, the phone is specified only for a specific SIM card, it will not be compatible with any other SIM card. The phone will have specific SIM code when SIM code of a specific SIM card is saved in phone memory. When the phone is turned on and when SIM card is inserted in the phone, it will be checked if identical to SIM code saved in the phone. if not identical, emergency call mode only is available. Correct password of 8 digits shall be input. Setting Phone Lock On or Off use On/Off(Left_selection) key.

Note: 10 chances are allowed for you to input correct PCK code. If all failed, PCK will be locked and you shall turn the phone off and then on.

Note: If you try to turn the phone on with different SIM card while SIM is set locked, the phone will show a message. <This is an invalid SIM card> Emergency call only will be available again.

Phone Lock

This function allows you to lock your phone until the correct password is input. Correct password of 4 digits shall be input. Setting Phone Lock On or Off use On/Off(Left_selection) key.

Fixed Dial

Fixed Dialing is a service that limits your access to specific numbers in the address Book list recorded on the SIM, input the PIN2 to set up or cancel this service.

- **Mode:** To enable the FDN mode, input the PIN2 first.
- **Fixed Dial List:** Display the numbers recorded in the Fixed Dialing list.

Barred Dial

This Function offers multiple methods to limit incoming or outgoing calls. In general, the barring service becomes activated by interoperating with the network, but phone barring is made by the phone itself. Major functions are as follows.

- **Incoming:** Limits all incoming calls
  - **On:** Sets up all incoming calls barring.
  - **Off:** Cancels all incoming calls barring.
- **Outgoing:** Limits all outgoing calls. When you attempt to make a call that has the prefixed number that you previously registered, the call is barred.
  - **Bar all:** Sets up all outgoing calls barring.
  - **Bar Prefixed:** Adds and deletes the prefixed number.
  - **Off:** Cancels all outgoing calls barring including the bar prefixed.

Change Password

1. Select Phone Lock on Change Password screen and press OK (Center_Direction) Key.
2. Input Old Password of 4 digits then press OK(Left_selection) Key.
3. Input New Password of 4 digits then press OK(Left_selection) Key.
4. Input New Password of 4 digits again then press OK(Left_selection) Key.

Note: The default password is 0000, you can easily change it as desired on Change Password menu.

Messages

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Settings menu and then press OK(Center_Direction).
3. On Settings screen, Select Messages and press OK(Center_Direction) Key to display the following information.

The following is to describe the option.

- **Text Message**
- **Multimedia Message**

Note: Please refer the information of Message setting on Page 74 'Settings'.

Calls

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Settings menu and then press OK(Center_Direction).
3. On Settings screen, Select Calls and press OK(Center_Direction) Key to display the following information.

The following is to describe the option.

- **Caller ID**
- **Call Waiting**
- **Call Forwarding**
- **Call Restriction**
- **Call Time Reminder**
- **Automatic Redial**
- **Answer Mode**

Note: Please refer the information of Call setting on Page 54 'Setting'.

Time and Date

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Settings menu and then press OK(Center_Direction).
3. On Settings screen, Select Time and Date press OK (Center_Direction) Key to display the following information.

- **Set Home City:** Select home city in list.

• **Date & Time:**

- **Time:** Input the Time using with numeric key.
- **Date:** Input the Date using with numeric key.
- **Daylight Saving:** Select On or Off.

• **Time Format:**

- **Time Format:** Select 12 or 24 mode.
- **Date Format:** Select DD/MM/YYYY, MM/DD/YYYY, YYYY/MM/DD Or YYYY-MM-DD.

File Manager

Option list related with File Manager menus will be displayed as shown below;

- **Phone**
- **DRM Rights**
- **Memory card**

Note: In file manager, you can easily open, delete, copy and move the files to Phone and Memory card.

Note: For the DRM Rights, it can not be copied or moved to any other devices without getting certification from owner of Digital Right.

Note: The Functions or Specifications of the Phone can be changed without any notification.

Factory Reset

It initialize the phone, Phone Parameter and User Data value to default.

1. In stand-by state, press OK(Center_Direction) Key to display main menu option.
2. Use the direction Key to select Settings menu and then press OK(Center_Direction).
3. On Settings screen, Select Factory Reset and press OK (Center_Direction) Key to display the following information.
4. Input password using numeric key.

- **Reset Phone Parameter:** Reset all phone parameter to default
- **Delete User Data:** Reset all Phone parameter and User Data to default.

Technical Specifications

Physical Parameters

- **Weight:** Less than 68.35 grams including standard battery.
- **Dimension:** 99.5x43x14.45 mm

Battery

- **Type:** Li-Ion
- **Capacity:** 650mAh
- **Load time:** Maximum 180min
- **Standby time:** Up to 180 hours in standard mode.
- **Talk time:** up to 150min

Note: Regarding the condition of the network, the battery life can be more shorter than a normal case.

CAMERA

- **Resolution:** VGA

RF Characteristic

- **GSM Dual-band GSM850/1900**

This phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

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 handsets employs a unit of measurement known as the Specific Absorption Rate, of SAR. The SAR limit set by the FCC is 1.6 W/kg. 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 SAR value for this model handet when tested for use at the ear is 1.100 W/kg and when worn on the body, as described in this user guide, is 0.768 W/kg.

This phone was tested for typical body-worn operations with the back of the phone kept at a distance of 2.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 2.5 cm separation distance between your body and the back of the phone. The use of belt clips, holsters and similar accessories should not contain metallic components. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.
The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset 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:UDTUR5
Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Asso-ciation (CTIA) website at http://www.phonefacts.net.

FCC Notice

- The device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equlpment 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 agalnst harmful interference in a residential installation.

Cautions

Modifications not expressly approved by the party responsible for compliance could vold the user's authority to operate the equlpment.

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 separarion between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connecntd.
-- Consult the dealer or an experienced radio/TV technician for help.