

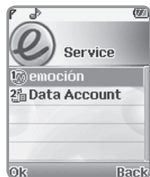
- **Channel:** Defines a channel to receive this kind of messages.
Select a new channel from the list to display on screen and use option Key to execute. If you want to add a new channel to list, press option Key and then Add. Input new channel number to number writer and press OK (Center_Direction) 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.

● STK

- 1.** Use function of SIM Tool Kit.
- 2.** The STK menu will be shown if the SIM supports.

1. In stand-by state, press menu(Left_selection) 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;

- **emocion**
- **Data Account**

emocion

1. In stand-by state, press menu(Left_selection) 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 emocion and press OK(Center_Direction) Key to display the following information.



The following is to describe the option.

- **Homepage:** Goes to homepage directly.
- **Bookmarks:** This provides easy website access without inputting a URL again.
- **Recent Page:** To Allows the user to goto the URL, which you recently connected.
- **Enter Address:** 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 Image:** 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.
- **Connection confirmation:** Select On or Off.
- **Trusted Certificates:** Shows certification.

● Data Account

1. In stand-by state, press menu(Left_selection) 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 menu(Left_selection) 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
- Audio Player
- Image Viewer
- Video Recorder
- Video Player
- Photo Editor
- Sound Recorder
- File Manager

● Camera

1. In stand-by state, press menu(Left_selection) 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 key 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.
 - **EV:** Select EV +4 ~ -4.
 - **Banding:** Select 50Hz or 60Hz.
 - **Delay Timer:** Select 5 sec, 10 sec, 15 sec or Off.
 - **Cont Shot:** Select 1 Shot, 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, or 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:** To select save location. (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.

Audio Player

1. In stand-by state, press menu(Left_selection) 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 Audio Player and press OK (Center_Direction) Key.



4. 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.
- **Background Play:** Select On or Off.

How to use the audio 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 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.

Note: 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.

Image Viewer

1. In stand-by state, press menu(Left_selection) 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 Image Viewer and press OK (Center_Direction) Key to display the following information.



List



Matrix

Image 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.
- **Image Info:** View an image information.
- **Forward:** Set as Wallpaper, Sub Wallpaper, Screen Saver, Power On Display, Power Off Display, Phonebook, MMS, or Bluetooth.
- **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.

● Video Recorder

1. In stand-by state, press menu(Left_selection) 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.



Record Video

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.

Record Video Option

- **To Player:** To open the Video play list which is stored in Videos folder.
- **CamCorder Setting:**
 - **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~60Hz.
- **Video Setting:**
 - **Video Quality:** Select Normal, low or High.
- **Effect Setting:** Select Normal, Grayscale, Sepia, Sepia Green, Sepia Blue, Color Invert, Gray Invert, Blackboard, Whiteboard, Copper Carving, Blue Carving, Embossment, Contrast or Sketch.
- **Storage:** Select Phone or Memory card.
- **Restore Default:** Select Restore Default Yes or No.



How to use the Video Recorder

- 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'

Video Player

1. In stand-by state, press menu(Left_selection) 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 Player and press OK (Center_Direction) Key to display the following information.



Video Player Options

1. On Multimedia screen, Select Video Player and press OK (Center_Direction) Key to display the following information.
2. 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 Screen Saver, Power On Display, Power Off Display, Phonebook, MMS or Bluetooth.
- **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 Video Player

- 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 menu(Left_selection) 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

- **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.

Main LCD 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 menu(Left_selection) 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 recording format. AMR or WAV.
- **Forward:** Select To User Ringtone, To MMS, or To Bluetooth.

File Manager

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



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

- Phone
- DRM Right
- Memory Card

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

1. In stand-by state, press menu(Left_selection) 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;

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

Java

In Java menu, you can use JAVA contents and can also change the settings.

1. In stand-by state, press menu(Left_selection) 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 Java and press OK(Center_Direction) Key to display the following information.

Java Contents

You can execute the java application which has installed.

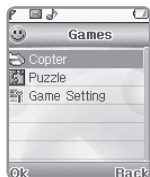
Java Setting

- **Download:** Download a JAVA Application from WAP.
- **Profile:** Edit the JAVA profile.
- **Java Contents:** Inbox for JAVA applications.
- **Java Setting:** Edit a setting for JAVA
 - **Java Audio:** Set off or 0 to 6.
 - **Java Vibration:** Set on or off.
 - **Java Network:** Select the profile Profile1~Profile10.
 - **Heap Size:** Informs a heap size.

● My Games

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

1. In stand-by state, press menu(Left_selection) 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.



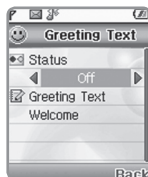
The following is to describe the option.

- **Copter**
- **Puzzle**
- **Game Setting**
 - **Game Audio:** Select on or off the game sound.
 - **Game Vibration:** Select on or off 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 menu(Left_selection) 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

In Health, you can use the stopwatch in Split, Lap and also can view a record.

1. In stand-by state, press menu(Left_selection) 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



Input

Last Mens Date
2007 /06 /08

Average Period
(Days)

Ok Back

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 menu(Left_selection) 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 Extras menus.

1. Press menu(Left_selection) Key when the phone is in stand-by state to display options on main menu.
2. Use the direction Key to select a Extra icon.

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



The following is to describe the option.

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

Calendar

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

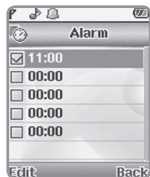
Jump To Date

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 menu(Left_selection) Key to display main menu option.
2. Use the direction Key to select Extra menu then press OK (Center_Direction) Key.
3. On Extra 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 menu(Left_selection) Key to display main menu option.
2. Use the direction Key to select Extra menu then press OK (Center_Direction) Key.
3. On Extra 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.
- To 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.

Unit Converter

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

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

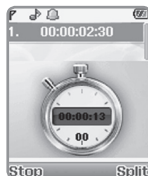
Stopwatch

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

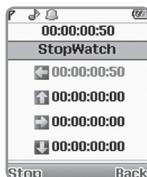
- **View:** View a record.
- **Delete:** Delete a record.
- **Delete All:** Delete all record.

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 by (Left_Direction) Key and Top/Resume by(Left_Softkey).
- Second, start by (Upper_Derection) Key and Top/Resume by (Left_Softkey).
- Third, start by (Right_Derection) Key and Top/Resume by (Left_Softkey).
- Forth, start by (Lower_Derection) Key and Top/Resume by (Left_Softkey).

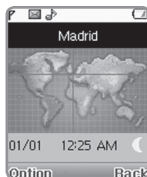


To clear the list, Keep on pressing Resume key .

World Clock

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

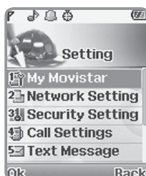
1. In stand-by state, press menu(Left_selection) Key to display main menu option.
2. Use the direction Key to select Extra menu then press OK (Center_Direction) Key.
3. On Extra screen, Select World Clock and press OK(Center_Direction) Key to display the following information.
4. Go to option and press 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 menu(Left_selection) Key to display main menu option.
2. Use the direction Key to select Setting menus icon and then press OK(Center_Direction). The icons are as shown below;



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

- **My Movistar**
- **Network Setting**
- **Security Setting**
- **Call Settings**
- **Text message**
- **Time and Date**
- **Bluetooth**
- **Factory Reset**

● My Movistar

1. In stand-by state, press menu(Left_selection) Key to display main menu option.
2. Use the direction Key to select Setting menus icon and then press OK(Center_Direction).
3. On Setting screen, Select My Movistar 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**

Sounds

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 Bluetooth) or stored in T- flash Memory.

- **Call:** Incoming call alert sound. Select among the Bell, Melody or User-selectable sound.
- **Messages:** Messages incoming sound. Select among the Silent, Bell, Melody or User-selectable sound.
- **Alarm:** Alarm sound for event. Select among the Bell, Melody or User-selectable sound.
- **Keypad:** Key tone sound. Select among the Silent, Click Tone or Custom Tone1.
- **Power on:** Power on sound. Select among the Silent, Tone1 or Tone2.
- **Power off:** Power off sound. Select among the Silent, Tone1 or Tone2.

Volume

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

- **Ringtone:** Adjust Ringtone volume 0~6.
- **Keypad:** Adjust keypad volume 0~6.
- **Speech:** Adjust Speech Volume 0~6

Alert

Select Warning, Error, Camp On, Connect, Disconnect, Roaming and No Service. Please use a same method to use the other sound profile such as Meeting, Outdoor, Indoor, Headset, Bluetooth.

Alert type

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

Note: On Idle screen, long pressing '*' key switches Manner mode on/off. And long pressing '#' key access directly to Alert type mode screen.

Display

- **Wallpaper:** Select an image to use a background screen.
- **Screen Saver:** Select an image to use a screen saver.
 - **Setting:** Select On or Off.
 - **Select:** Select an image.
- **Themes:** Select Orange, Blue or Grey.
- **LCD Backlight:** Select 10, 20, 30, 40, 50, 60 Seconds or Always On.
- **Shortcut Display:** Select Always On/Call 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**
- **Espanol**
- **Francais**
- **English**

Preferred Input Mode

Select preferred input mode in default usage.

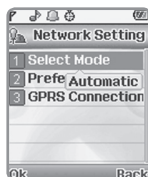
- **Multitap ABC**
- **Multitap abc**
- **Multitap Abc**
- **Numeric**
- **Smart ABC**
- **Smart abc**
- **Smart Abc**
- **Smart ES**
- **Smart es**
- **Smart Es**
- **Smart FR**
- **Smart fr**
- **Smart Fr**

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.

● Network Setting

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



The following is to describe the option.

- **Select Mode**
- **Preferred**
- **GPRS Connection**

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.

GPRS Connection

Select Always or When Needed use press Change(Left_selection) Key.

● 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 menu(Left_selection) Key to display main menu option.
2. Use the direction Key to select Setting menus icon and then press OK(Center_Direction).
3. On Setting 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
- Auto Keypad 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.

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.

Auto Keypad Lock

Select None, 5 Sec, 30 Sec, 1 min or 5 min.

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.

- **On 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.

● Call Settings

1. In stand-by state, press menu(Left_selection) Key to display main menu option.
2. Use the direction Key to select Setting menus icon and then press OK(Center_Direction).
3. On Setting screen, Select Call Settings 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
- Auto Redial

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

● Text Message

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



The following is to describe the option.

- **Profile Setting**
- **Common Setting**
- **Memory Status**
- **Preferred Storage**

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

Time and Date

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



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



5. Set Time/Date:



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

6. Set format:



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

Bluetooth

1. In stand-by state, press menu(Left_selection) Key to display main menu option.
2. Use the direction Key to select Setting menus icon and then press OK(Center_Direction).
3. On Setting screen, Select Bluetooth and press OK(Center_Direction) Key to display the following information.
 - **Power:** Power on or off the Bluetooth Function
 - **Inquiry Audio device:** Searching the Audio device, which is in possible range.
 - **My device:** Searching the All Bluetooth device, which is in possible range.
 - **Active Device:** Shows activated device.
 - **Setting:**
 - **Visibility:** Shows own device to remote Devices.
 - **Change Device Name:** Can edit the Device name.
 - **Authentication:** It only accept reception when the authentication has enabled.
 - **Audio Path:**
 - **Forward to BT Headset:** If this function is enabled, it is possible to have a communication with Headset.
 - **Leave in Phone:** Even if a Bluetooth Headset is connected, the communication is possible with Phone speaker.
 - **FTP Setting:**
 - **Shared Folder:** All the received files will stored in Shared Folder. User can change default folder to desired folder.
 - **Access Folder:** Default setting is Read Only, and changeable to Fully Controlled.
 - **About:** Shows a Information about Bluetooth function.

● Factory Reset

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

1. In stand-by state, press menu(Left_selection) Key to display main menu option.
2. Use the direction Key to select Setting menus icon and then press OK(Center_Direction).
3. On Setting 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 60 grams including standard battery.
- **Dimension:** 108x45x10.7 mm

Battery

- **Type:** polymer
- **Capacity:** 570mAh
- **Load time:** Maximum 120 min
- **Standby time:** Up to 180 hours in standard mode.
- **Talk time:** Up to 120 min

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

CAMERA

- **Resolution:** VGA

RF Characteristic

- **GSM Tri-band 850/1800/1900**

Safety Information

1. SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS

.POTENTIALLY EXPLOSIVE ATMOSPHERES

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

INTERFERENCE TO MEDICAL DEVICES

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

.EXPOSURE TO RF ENERGY

Use only the supplied or an approved replacement antenna. Do not touch the antenna unnecessarily when the phone is in use. Do not move the antenna close to, or touching any exposed part of the body when making a call.

SAFETY INFORMATION FOR RF EXPOSURE

Body worn operation

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

SAR INFORMATION

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

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. *

Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and

worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.43 W/Kg and when worn on the body, as described in this user guide, is 0.548W/Kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: UDTSP300

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at <http://www.wow-com.com>. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

U.S.A.

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

INFORMATION TO THE USER

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful Interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if Not installed and used in accordance with the instructions, may cause harmful Interference to radio communications. However, there is no guarantee that interference will not occur in a particular Installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

**FCC Compliance
Information**

This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions:

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