Contents

For Your Safety

For your safety, please refer to the guideline prior to using the phone. Failure to comply with the guidelines may cause malfunctions or be hazardous to the user.

ROAD SAFETY COMES FIRST

Please be careful not to use the phone while driving. In case you need to use the phone, please pull over your vehicle first. In some countries, it is illegal to use a wireless phone while driving. In addition, it is recommended to avoid using a mobile phone while refueling at a gas station

SWITCH OFF IN AIRCRAFT

Mobile phones may cause interference to the aircrafts navigation system. Please make sure the phone is in flight mode on or switch off mode while in the airplanes.

RESPECT SPECIAL REGULATIONS

Please follow special regulations in any areas wherever it is applicable. It is recommended to switch off your phone whenever it is illegal to use, or when it may cause interferences, such as hospitals.

INTERFERENCE

All mobile phones may be subject to radio interference, which may affect the performance during calling and receiving.

QUALIFIED SERVICE

It is highly recommended to have a repair service by

qualified service personnel. Use only the approved accessories and batteries.

USE PROPERLY

Use only in the normal position (hold to the ear). Avoid unnecessary contact with the antenna when the phone is switched on.

EMERGENCY CALLS

When making an emergency calls, please ensure that the phone is switched on and is in service. Enter the emergency number (Official Emergency Number or another official emergency number) and press the [Send Key]. Inform your current location. Do not end the call until given permission to do so. You may end the call by pressing the [End Key].

Unpacking

Thank you for purchasing this product. Please check the product contents to see if you have all the available items as below. (*Images may vary from the actual product in your package.)

Handset

Battery

User Manual

Ear/ Microphone

micro SD (T-Flash) Card
(optional)

Travel Charger

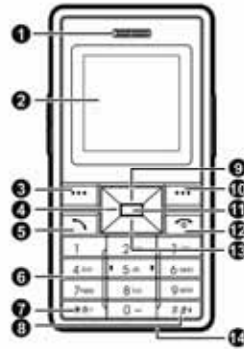**PC Sync Manager CD & USB Data Cable**

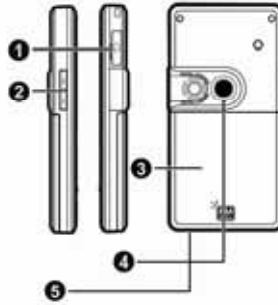## Your Phone

PHONE LAYOUT

❶ Receiver

❷ Main Display

❸ Left Soft Key

❹ Navigation Keys

❺ Send Key

❻ Mic

❼ ❽ Special Function Keys

❾ Calendar Hot Key

❿ Right Soft Key

⓫ WAP Key

⓬ End/Power Key

⓭ MP3 Hot Key

⓮ Antenna

❶ All-in-one Connect port

❷ Volume Key

❸ Battery

❹ Camera

❺ IrDA

KEY DEFINITION

Soft Keys

Perform functions identified by left/right display prompt.

Right button: Cancel numbers & letters when you make a call or input letter for phonebook, message or WAP.

Navigation Keys

Scroll through the menu options.

Move the cursor up and down in the normal editing mode.

Move the cursor to left and right in all editing mode.

Send Key

Dial or answer a call.

Recall the last call numbers in the idle mode.
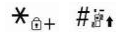
Power on/off Key & End Key

End a call.

Switch the phone on and off. (press this key and hold)

Cancel your input in the menu facility and return to the idle mode.

Alphanumeric Keys
You may enter numbers, letters and special characters.

✳ ⌂+ #⇕↑ **Special Function Keys**
Enter Special Characters / Perform Various Functions

Side Key(On the left side of your phone)
-Adjust the Keypad Tone volume in idle mode.
-Adjust the earpiece volume during a call by pressing briefly.
-Start "voice recording" during a call by pressing and holding the side key (up).
-Stop "voice recording" by pressing the [Stop] soft key.
-Adjust the Audio Player volume.
-Move through months in calendar mode.

SHORTCUTS

Left: Access to "Message"
Right: Access to "Tone Setup"
Up: Access to "Calendar"
Down: Access to "MP3"
from an idle mode
You may dedicate the left navigation key for favorite menu in 'Dedicated key' setting menu
(Menu > 4.Settings > 1.Phone Setup > Dedicated Key)

WAP Key
Access to WAP menu (press shortly), and launch WAP browser (press and hold).
Camera Shutter
In camera and video preview mode, works as a shutter.

✳ ⓛ+   To activate the "Keypad Lock," press this key and hold.

◪⬆   To activate the "Silent Mode" option, press this key and hold.

ICONS

Icon	Description
![signal]	**Signal Strength:** Shows the strength of the receiving signal. Greater the number of bars, stronger the signal strength.
G	**GPRS:** Shows the strength of the receiving GPRS signal. Greater the number of bars, stronger the signal strength.
G	**GPRS Connect:** Appears when you connect to GPRS.
R	**Roaming:** Appears when the phone is roaming.
📞	**Missed Calls:** Appears when there is missed call(s).
✉	**New Message:** Appears when a new incoming text message is received and is unread.
✉M	**MMS Unread:** Appears when a new MMS message is arrived and unread.
✉	**MMS Busy:** Appears when MMS is busy, while receiving and sending a message.

Broadcast Message: Appears when Broadcast Message receive mode is active..
WAP Mail: Appears when WAP mail is received.
Call Barring On: Appears when the call barring mode is active.
Call Forward: Appears when the call forward mode is active.
IrDA: Appears when the IrDA port is activated.
Ring: Appears when the Ring mode is active.
Vibrate and Ring: Appears when the Vibrate and Ring mode is active.
Vibrate then Ring: Appears when the Vibrate then Ring mode is active.
Vibrator On: Appears when the Vibration mode is active.
Silent Mode: Appears when the silent mode (manner mode) is active.
Alarm On: Appears when you set the alarm.
Stopwatch: Appears when you set the stopwatch.

	Lock: Appears when you set the phone lock.
	Battery Strength: Shows the level of your battery. The more bars you see, the more power you have left.

DISPLAY LAYOUT

The idle screen display includes three areas.

Status Indicator Icons

Text & Graphic Area

Soft Key Area
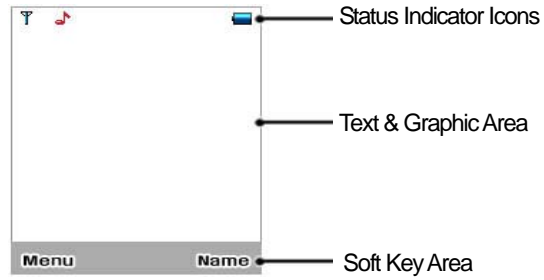
PHONE FEATURES

H/W Features

Feature	Description
Dimension	95 x 47 x 9.4 mm
Main LCD	1.5" 65K CSTN LCD (128x128)
Camera	VGA
Speaker	Single Loud Speaker
Vibrator	Built-in Vibrator
Antenna	Internal
Phone Memory	Embedded 64MB free user memory
SIM	3V
Data Cable	USB Connection and PC Link Manager
microSD (T-Flash) Card (Optional)	Use only genuine microSD (T-Flash) cards approved & specified by the SD Card Association and SanDisk: http://www.sdcard.org

S/W Features

Feature	Description
RF	Dual Band (GSM850, PCS1900)
GSM	GSM Phase 2 & 2+
GPRS	Class 8 GPRS
Message	MMS / EMS / SMS
WAP	WAP 2.0 (Obigo Browser)
Java	CLDC1.1 / MIDP2.0 / JSR120/ JSR135/ JTWI
DRM	DRM 1.0
Text Input	T9 Intelligent Text Input, Multitap
Video	MPEG4 3GP
Wallpaper	Pictures and user definable JPG, GIF, BMP
Sound	64 Polyphonic Audio Player MP3, MID, WAV, AMR, iMelody Sound Recorder (AMR, WAV)

FM Radio	Schedule FM Record (WAV, AMR) (4 channels available)
Games	Fun Games
Phonebook	Memorize 300 Phonebook Entries
Tools	Calendar, To-Do List, Alarm, World Clock, Calculator, Units Converter, Currency Converter, Health, Stopwatch

Getting Started

YOUR FIRST CALL

Please refer to the following diagram that describes the main steps to make a first call.

INSERT A SIM CARD
(Phone is switched off and battery should be removed)

CHARGE THE BATTERY

SWITCH THE PHONE ON/OFF

ENTER YOUR PIN(ACCESS CODES)

DIAL THE PHONE NUMBER REQUIRED

WHEN FINISHED, END THE CALL
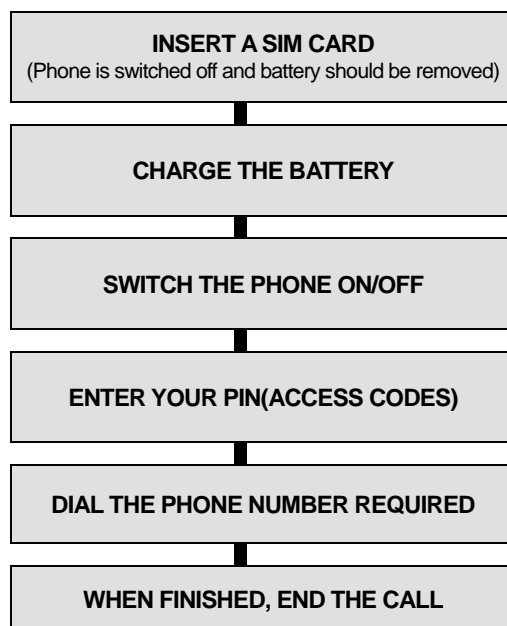
INSTALLING THE SIM CARD

When you subscribe to a cellular network, you will need a plug-in SIM card loaded with your subscription details (PIN, and optional services available).

1. If necessary, switch off the phone by holding down the End/Power key until the Power off message appears.
2. Remove the battery by following the steps below:
   Slide down the battery cover on the back of the phone.
   Lift the battery, as shown below.
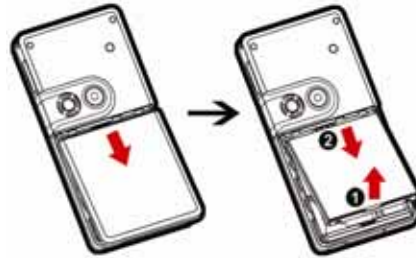
3. Put the SIM card into the phone. Ensure that the SIM card is inserted properly.
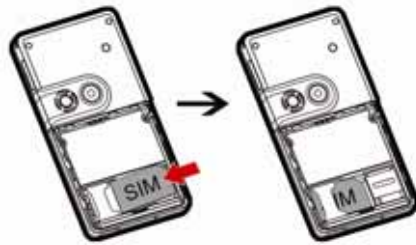
4. Place the battery pack inside the phone. Slide in the battery cover to the phone.
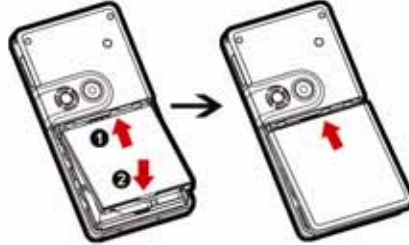
CHARGING THE BATTERY

Your phone package comes with a battery, and a travel charger. You can also use USB data cable to charge your phone, however, the charging time may be different from travel charger.

Use only approved batteries and chargers for your safety.

> **Note:** It is highly recommended to fully charge the battery prior to using your phone for the first time

1. After putting the battery in the phone properly, insert the charging plug into the charging port at the "right side" of the phone.

2. Connect the travel charger to a standard AC outlet.
3. When charging is complete, disconnect the travel charger from the power outlet and the phone by pulling out the charging plug.

CHARGER, USB CABLE & HEADSET INSERT OPERATING INSTRUCTIONS

While using a proper charger, USB cable, & Stereo Headset, you must insert them into the phone with the arrow side as front as described as below image;

Caution: DO NO INSERT THEM TO REVERSE SIDE!

LOW BATTERY INDICATOR

When the battery level is low, the phone will make a warning sound and displays a warning message on the screen: When the battery becomes too weak to operate, it switches off automatically.

> **Note**: When the battery is discharged completely, and not used for a while, the phone will not display the charging icon for about 30 minutes while charging. After 30 minutes of charging, the phone will display the charging icon.

SWITCHING THE PHONE ON/OFF

1. Hold down the power on/off key for more than one second to switch on.
2. If the phone asks for a PIN, key-in the PIN. The phone searches for your network and when detected, will display the idle screen. The external display shows the signal strength, battery strength and current time and date.
3. When you wish to switch off the phone, hold down the power on/off key for more than two seconds.

ACCESS CODES

There are access codes for your SIM card. These codes help you to protect the phone against unauthorized use.

When requested for any of the code explained below, key-in the appropriate code (displayed as asterisks) and press

the **OK** key.

PIN

The Personal Identification Number or PIN (4-8digits) protects your SIM card against unauthorized use. The PIN comes with the SIM card; see the SIM card instruction provided with your card.

If you enter an incorrect PIN three times in succession, the code will be disabled and cannot be used until you re-enable it by entering the PUK.

PUK

The 8-digit PUK (Personal Unblocking Key) is required to change a disabled PIN. The PUK may be supplied with the SIM card. If not, or in case you have lost it, please contact your service provider.

To re-enable your PIN, proceed as follows.

1. Key-in the PUK and press the OK key.

2. Enter a new PIN of your choice and press the OK key.

3. When the Confirm New PIN message is displayed, key-in the same code again and press the OK key.

If you enter an incorrect PUK ten times in succession, the SIM card becomes invalid. Please contact your service provider for a new card.

Pin Password

The 4 ~ 8 digits of password is required when you use the Call barring function. You can obtain the password from your service provider when you subscribe to this function.

General Functions

MAKING A CALL

To make a call on your phone, check the phone if the screen is idle and the phone indicates network signal. Then key-in the area code and phone number using the numeric keys and press the Send Key.

MAKING AN INTERNATIONAL CALL

Press the ***** key twice to display **"+"** character.

Input the country code, area code (without the leading zero), and the phone number. Then press the Send Key. The '**+**' informs the network that it is an international call.

ENTERING A "PAUSE OR WAIT"

You may enter a pause ("P") character into a dial string by pressing the left special function key * three times. Press the left special function key * four times to enter a wait ("W") character into a dial string.

SEARCH NUMBER

1. [Name] in Idle Screen:

   When you make a call, press the [Name] soft key (right) from the idle screen. You can search the phonebook entries from "All location, SIM card, and Phone." You can choose a phonebook name by pressing the up & down navigation keys. It will display a phone number under the name. Also enter the name you want to search for, it will display the name from the list. Press the Send key to make a call. If you want to

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view the details of the phonebook entry, select the [Option] soft key and select "View." Press the Send key to make a call. If there is no phone number in your phonebook, it will display [Empty].

2. Search in Phonebook menu:

You can store the names and phone numbers in the SIM card and phone memory in the [Phonebook]. If you want to find a number by phonebook name, press the [Menu] soft key (left), and select "Phonebook".

MAKING A CALL WITH SPEED DIAL

To use Speed Dial feature, press and hold the speed dial number key, the phone will dial to the associated phone number. (See 1.7 Speed Dial, for detail).

MAKING A CALL FROM MESSAGE

You can make a call from message by pressing the [Ok] soft key (left) and [Option] soft key (left) and select "Use Number" and press the Send Key when the number you want to call back is highlighted, or select "Dial" menu in the "Use Number" list.

REDIALING THE LAST NUMBER

The phone stores the last dialed and received numbers. To recall any of these numbers, press the Send Key to display a list of the last dialed numbers.

EMERGENCY CALL

Ensure that the phone is switched on and in service.

Enter the emergency number (Official Emergency Number or second official emergency number) and press the Send

Key. Provide your location. Do not end the call until given permission to do so. End the call by pressing the End key.

> **Note :** When "**Enter Lock Code"** or **"Enter PIN"** messages are prompted on the display during power-on, some network may not allow emergency call. However, some network may request to insert a SIM card and enter **Official Emergency Number.**

ENDING A CALL
When you have finished your call, press the End key for a short time.

SD Card

> **Warning:** It is highly recommended to use only the genuine microSD cards approved and specified by the "SD Card Association." http://www.sdcard.org or SanDisk. Using other products that are NOT indicated by SD Card Association or SanDisk may cause damage to the microSD card slot of your phone.

INSTALLING THE MICROSD CARD
Lift up the battery pack, and open the SD Card slot guard and place the microSD card in the slot as shown below.
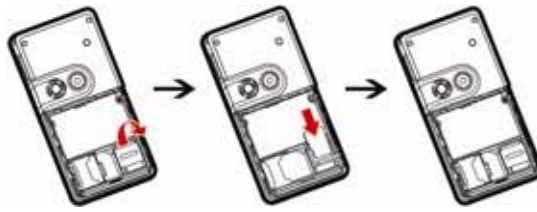
> **Note:** It is recommended that microSD card has about 100KB free space for Audio File play list. If the microSD card is full, the phone may not able to play a new music file.
> * In case the Storage Mode is selected WITHOUT inserting the microSD memory card, "No memory

> **Note:** The USB data cable from your package is used for both data transmission and power charging cable, however, the charging level will differ from the travel charger.

UNINSTALLING THE MICROSD CARD

Slide the protector up and push the card to slide out. After uninstalling the card, close the protector.

In-Call Options

Your phone provides a number of call control functions that is allowed to use during calling.

- Putting a Call on Hold/Un-hold
- Making a Second Call
- Making an International Second Call

ANSWERING A SECOND INCOMING CALL

You will be notified of an incoming call while you are in a call. Call waiting tone will sound in the earpiece, and the display will show that a second call is coming. This feature, known as Call Waiting, is only available if the network supports it.

You can answer the second incoming call by pressing the [Accept] soft key or the Send Key.

The first active call is automatically put on hold, and then the incoming call is active.

You can reject the incoming call during a call without answering it by pressing the End key.

STORING A NUMBER

You can store phone numbers to the phonebook by using the [Phonebook] Menu even during you are in a call.

VOICE RECORDING A CALL

You can record the conversation during a voice call.
Press and hold the side key (up) to start recording the call, and press and hold the side key (down) to stop.

SWAPPING CALLS

Between Active Call and Held Call

You can swap calls while there are active held calls on conversation. To swap between the active call and the held call, press the [SWAP] soft key.

The current active call is placed on hold and the held call is reactivated.

CONFERENCE CALL

You can make calls while there are active held calls on conversation by using [Conference Call] menu in [Call Menu]. [Conference Call] menu appears only when you accept the second call. The current active call is placed on hold and the held call is reactivated. If you want to quit conference call and do not want to hang up any call, you can choose [Split Call] Menu in [Call Menu]. [Split Call] menu appears only when you are on a conference call.

Note: Some networks do not allow the user to change this setting.

SENDING MESSAGE

You can send messages by using the [SMS] Menu in [Messages] even during you are calling.

INTER-WORKING PHONEBOOK

You can use [Phonebook] menu and sub menus even while you are calling.

Text Input Tips

TEXT INPUT OPTIONS:

While you are in text editing mode, you will be in several modes.

When you see [Option] and [Clear] in the soft key, press left soft key for option: you can save the entry or change the Text Input Method. To erase a character, press the right soft key next to the character you want to erase. You can move among the characters you typed-in by pressing the 4 way navigation keys.

There can be more than two options depending on what contents you are editing.

T9 TEXT EDITING MODE

While you are in T9 editing mode, press the alphanumeric key once for one character. You will see T9 suggested words, i.e. press 6 and 4 key to type in "OK." Press up or down navigation key, to navigate through word list. Press the [Select] soft key (left) to select the word you want to write.

If there is no such word in the word list, the left soft key will change from [Select] to [Add]. Press the [Add] soft key (left) to edit and select 'Done' to save a word to the word list. The next time you enter the word sequence, you can use the saved word.

YOU CAN DEFINE THE DEFAULT INPUT METHOD OF YOUR PHONE AND CHANGE INPUT METHODS TIME TO TIME.

To define your preferred input method, go to "Phone Setup" sub menu in "Settings" menu. Then select "Preferred Input Method."

- You can change the text input method with **#** key; the input methods will swap when you press the **#** key.
- Press and hold the * key to select Symbols.
- Press the * key to toggle select cases of abc, Abc, and ABC.

Using Phonebook

You can store phone numbers and its corresponding names in the memory of your SIM card. In addition, you can store up to 300 entries and categorize in 5 groups. The SIM card and phone memories, although physically separate, are used as if they were a single entity, called phonebook.

STORING A NUMBER WITH A NAME AND AN IMAGE

As soon as you start to enter a number, [Save] appears above the soft key (left) to allow you to store numbers in the phonebook.

1. Key-in the number to be stored. You can input the number up to 40 digits.
2. Select the storage from "To SIM" or "To Phone." You can also check how many you have saved and total entries you can store in the storage.
3. Select a category to edit. To select the category, scroll to the category and press the [**Edit**] soft key (left). The following categories are available:
   To SIM
     a. Name
     b. Number
     c. Caller Group
   To Phone
     a. Name
     b. Number

c. Home Number
d. Company Name
e. Email Address
f. Office Number
g. Fax Number
h. Associate Picture
i. Associate Sound
j. Caller Group

STORING A PHONE NUMBER USING THE PHONEBOOK MENU

1. Press the [Menu] soft key (left), and select the [**Phonebook**] menu.
2. Scroll to [Add New Entry] by pressing up or down the navigation key and press the [**OK**] soft key (left).
3. Select the storage from "To SIM" or "To Phone." You can also check how many you saved in the storage and total entries you can store.
4. Select a category to edit. To select the category, scroll to the category and press the [**Edit**] soft key (left).Ten categories are available (see "Storing a Phone Number with a Name and an Image" for selecting category, edit and save the entries).

Messages

You can write and read messages in this menu. Message functions are available depending on network services that your service provider supports.

SMS

The SMS (Short Message Service) function is a network service and your network may or may not support the service. You can send messages in Fax, Page, Email and Text format. To send text messages by phone, you must obtain the SMS center number from your service provider, and enter it on the **SC Address** option in Profile Settings menu.

When the icon appears on the status indicators area, it indicates that you have received a new message.

Note: The SMS service may not be available on all networks. Some network allows it only within its own network.

Write Message

With this menu, you can write a message as following.
1) Select [Write Message] menu in the [SMS] menu.
2) Write a message.
3) After you complete the message, press the [Option] soft key (left) and then select "Done." Choose one of following options.
   - Send Only: Sends the message to the recipient

phone number. It will not save the message.

- Save and Send: Saves the message, and send it to the required recipient.
- Save Only: Saves the message so that you can send it later.
- Send to Many: Send the message to multiple recipients. Select Edit List to add up to 10 recipient(s).
- Send by Group: Sends the message to the Caller Group. Select a Caller Group from the list.

4) You can input the number directly or get from the phonebook by pressing the **[Search]** soft key (left).

5) The phone will display the Message sending Success or Fail message on the screen for all recipients.

Note: If you receive a call while you are writing a message, the message will be backed-up and after the call finishes, the phone will display [write message] mode. You can finish the message without losing the data.

Inbox

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

It will display the sender's phone number or name (if stored in the **Phonebook**) on the list.

If you choose the **[Ok]** soft key, you can view the message contents.

Outbox

With this menu, you can view the sent or unsent

messages you have saved.

Send, Edit, Delete, Copy to Phone, Move to Phone, Delete All, Copy All, Move All, Use Number and Use URL options are available.

Drafts

You can view and edit the saved messages in the Drafts. Send, Edit, Delete, Copy to Phone, Move to Phone, Delete All, Copy All, Move All, Use Number and Use URL options are available.

Template

You can edit and delete message templates in this menu. You can store your frequently used messages up to 10 messages. For example, "Call Me Now," "How are you," and so forth. You can use the Template by selecting [Use Template] option, when you write a message.

Message Settings

You can setup default Message Information.
Profile Settings, Common Settings and Memory Status.

MMS

The MMS (Multimedia Messaging Service), also called Photo Message, allows end-users to send and receive messages containing multimedia content (including images, video, sound and text) between mobile to mobile, and mobile to Email.

Write Message

You can write a message and insert Image, Sound, and Attachment.

1) Select [Write Message] menu in the [MMS] menu.
2) Compose a message. You can edit To, CC, BCC, Subject, and Content.
3) You can input the number directly or get from the phonebook by pressing the **[Search]** soft key.
4) After you complete the message, press the [Option] soft key (left) and then select "Done." Choose one of following options.
   - Send Only: Sends the message. It will not save the message.
   - Save and Send: Saves the message, and send it to required recipient(s).
   - Save to Drafts: Saves the message to Drafts. You may send it later.
   - Send Options: Validity Period, Delivery Report, Read Report, Priority
   - Exit: Exits the Write Message, the phone will ask if you want to save the message.
5) The phone will display the Message sending Success or Fail message on the screen for all recipients.

Note: If you receive a call while you are writing a message, the message will be backed-up and after hang up, the phone will display [write message] mode. You can finish the rest of the message without losing the data.

Inbox

Same description as for SMS.

Outbox

Same description as for SMS.

Drafts

Same description as for SMS.

Template

You can edit the MMS templates and write a message in this menu. You can use the Template by selecting [Use Template] option, when you write a message.

Select a template and press the [Option] soft key:

1) View: allows you to view and listen to the template message.

2) Properties: shows properties of the templates (From, CC. Subject, Date, and Memory).

3) Write Message: allows you to write a message with the template.

   (1) To, CC., and BCC: allows you to add number(s) or email(s).

   (2) Subject: allows you to edit the text content.

   (3) Edit content: allows you to select from text, image, or sound by pressing navigation keys up and down.

Message Settings

Within the MMS sub-menu, you can define default values on common parameters for mobile-originated

messages. By setting default values for MMS messages, you can experience a more comfortable service.

You can set up the MMS related parameters for sending and retrieving the MMS messages.

VOICE MAIL

Your phone is capable of dialing with voicemail server number (if provided by your network). If you receive any voicemail, your phone displays **New Message** in the idle screen.

Select the Voice Mail from the list and press [Option] soft key (left). You can **Edit** the Voice Mail server number.

By selecting the **Connect to Voice**, your phone will dial to the configured number that has been stored in Voice Mail list. You can then listen to the voicemail.

Note: Voice mail is a network feature. Please contact your service provider for more information.

BROADCAST MESSAGE

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

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

The phone will display the Broadcast Messages immediately when received, on the following condition:
1) When the phone is in the idle mode

2) When the **Receive Mode** (2.4.1) option is set to **On**
3) When the message channel is currently active in the channel list.

Note: This service may not be available on all networks. For more information about the available subjects, please contact your network service provider.

Call History

You can identify all call records that you have dialed, received or missed.
It will display the number and name (if available), together with the date and time at which the call was made or received.

MISSED CALLS

This menu lets you view the last 10 missed calls.
Options:
- Delete: Allows you to delete the record
- Save to Phonebook: Allows you to save the record to the phonebook
- Dial: Allows you to call back to the recorded number
- Edit: Allows you to edit the number and save to the phonebook

DIALED CALLS

This menu lets you view the last dialed calls.
In the dialed calls list, you can view the details of the record by pressing the [**Ok**] soft key (left). In the view

screen, you can make a call to the number by pressing the Send Key.

RECEIVED CALLS

This menu lets you see the last received calls.

In the list of received calls, you can view the details of the record by pressing the [**Ok**] soft key (left). In the view screen, you can make a call to the number by pressing the Send Key.

DELETE CALL LOG

This menu lets you delete all call data of missed call, dialed call, received call, and all call log.

CALL TIME

This menu lets you view the timers for calls made and received. Last Call Time, Total Sent, Total Received, Total Time and Reset All Time.

Note: The actual time invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing purposes and so forth.

CALL COST

You can view the cost of the last call, or of all calls. It will show costs, only if your network operator supports this service.

- Last Call Cost: Allows you to check the cost of the last call.
- Total Cost: Allows you to check the cost of all calls.
- Reset Cost: Allows you to reset the call cost.

- Max Cost: Enter PIN2 and input a limitation of the Max Cost.
- Price Per Unit: Enter PIN2 and input a limitation of the price per unit.

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

SMS COUNTER

You can view the numbers of sent and received SMS.

GPRS COUNTER

You can view how many GPRS message has been sent and received, and reset the counter.

Settings

You can change settings for your phone using this menu. There are Phone Setup, Call Setup, Network Setup, Security Setup and Restore Factory Settings sub menu.

PHONE SETUP

With this menu, you can setup settings regarding display and operations of the phone:

Sound & Light

You can use the Sound & Light setting features to customize various settings depending on environments, such as General, Meeting, Outdoor, Indoor and Headset. Select each environment and select "Activate" to

activate the setting. Select "Customize" to customize the Sound & Light settings.

Customizable options are as following:

1) Tone Setup

This menu customizes the tones in the following setups.

(1) Incoming Call

This option allows you to select the required ring tone. You can set the ring tone from sound files downloaded from WAP download, MMS and EMS. You can also forward files from microSD Card Memory phone to the Tone Setup. Each time you select a tone, the will play it for a few seconds.

(2) Alarm

This option allows you to select the alarm sound. You can set the alarm tone from sound files downloaded from WAP download, MMS and EMS. You can also forward files from microSD Card Memory to the Tone Setup. Each time you select a tone, the phone will play it for a few seconds.

(3) Power On

You can select power on sound from tones or silent. The phone will play the Power On tone, when you power on the phone by pressing the End/Power key.

(4) Power Off

You can select power on sound from tones or silent. The phone will play the Power Off tone, when you turn off the phone by pressing the End/Power key.

(5) Message Tone

You can select power on sound from tones or silent. The phone will play the Message Tone, when you receive a message.

(6) Keypad Tone

This option allows you to select the tone that the keypad generates when you press a key.

- Silent: the keys do not make any sound
- Click: the key will make sound
- Tone: the keys will make sound
- Human Voice Tone: the keys will make human voice tone depending on countries.

2) Volume

This option allows you to adjust the ringing volumes of Ring Tone, Keypad Tone, Power Tone, Massage Tone and Alarm Tone.

3) Alert Type

This option allows you to customize the alert type. This setup will control the alerts your phone might play. You can customize the alert types as following.

- Ring: the phone rings the ring tone selected with the [Tone Setup] option.
- Vibration Only: the phone vibrates without ringing.
- Vibration and Ring: the phone vibrates and rings

simultaneously.
- Vibration then Ring: the phone vibrates first then rings.

4) Intelligent Call Alert

If Intelligent Call Alert function is on, you are able to hear "Human Voice Tone," and then the incoming melody sounds off.

5) Ring Type

You can set the ring type for playing the ring tones.
- Single: plays the ring tone once.
- Repeat: plays the ring tone in repeated matter.
- Ascending: plays the ring tone with ascending volume.

6) Extra Tone

You can set the following alert tones on or off.
- Warning
- Error
- Camp On
- Connect

7) Answer Mode

This option allows you to select the way to answer an incoming call by three ways.

You may press [Reject] soft key to reject a call.
- Any Key Answer: You may select this mode to answer a call by pressing any key except the [End key].
- Send Key Answer: You may select this mode to answer a call by pressing **Send Key.**
- Auto Answer: you can get a call automatically when

your phone is headset mode.

Time and Date

You can set time and date for your phone.

1) Set Home City

   This menu allows you to set a city as your home city.

2) Set Time/Date

   This menu allows you to set the current time and date displayed in the idle screen.

3) Set Format

   This menu allows you to set Time Format and Date Format.

4) Auto Update of Date and Time

   This menu allows the phone to update the current date and time automatically from the network. You can turn on or off this function.

Language

This menu allows you to set the display language. Select your preferred language and press [Ok] soft key (left) to save the setting. When you change the language setting, the phone will display in the corresponding language mode.

Preferred Input Methods

This menu allows you to define your preferred input method. Once you set the preferred input method, next time you edit in text input mode, it will reflect the setting until you change to another.

Display Settings

This menu allows you to customize desired phone display items as below.
1) Wallpaper
2) Screen Saver
3) MainMenu Style
4) Themes
5) Greeting Text
6) Contrast
7) LCD Backlight
8) Show Date and Time
9) Show Owner Number
10) Show Operator Number

Dedicated Key

This menu allows you to set the dedicated function for the 4-way navigation key in the idle mode.
Select from the menu lists, and press [Ok] key to change the dedicated menu.

Default Dedicated Keys:
■ Up: Calendar
■ Down: MP3
■ Left : Message
■ Right: Tone Setup

Shortcuts

This menu allows you to set shortcuts menu list.
Press the [Edit] soft key (left) to edit the dedicated menu for the shortcut numbers.

Flight Mode

Flight Mode enables you to use certain functions of your phone without disrupting sensitive radio equipment when flying or in a hospital, for example. However, you will not be able to make calls or send messages while Flight Mode is enabled.

You can set Flight Mode Normal Mode, Flight Mode, or Query When Power On (this will ask if you want to put your phone in Flight Mode when you power on your phone.)

CALL SETUP

The following Call Setup features are network services. Please contact your network service provider to check availability and subscribe to the feature.

Caller ID

This network service informs your Caller ID to the recipient when you call out. You can set the following options for the Caller ID function as following.

1) Set By Network: The network will decide whether to send or hide the Caller ID.

2) Hide ID: If you do not want to send your phone number, select [Hide ID] menu.

3) Send ID: It will send the Caller ID when you call out.

Note: Some networks do not allow the user to change this setting.

Call Waiting

This network service informs when someone is trying to reach you during another call. You can specify the call waiting option for voice calls only. The following options for each service are available:

1) Activate: activates the call waiting service.

2) Deactivate: deactivates the call waiting service.

3) Query Status: displays the status of the call waiting service.

Call Divert

This network service reroutes incoming calls to the number that you specify.

<u>Example</u>: you may wish to divert your business calls to a colleague while you are busy. Call diverting can be set up in the following ways.

- Divert All Voice Calls: diverts all voice calls.
- Divert If Unreachable: diverts calls, if you are not in a coverage area of your service provider.
- Divert If No Answer: diverts calls, if you do not answer the phone.
- Divert If Busy: diverts calls, if you are already making another call.
- Divert All Data Calls: diverts all data calls.
- Cancel All Divert: cancels all call diverting options.

Note:

The phone sends your settings to the network and the network will acknowledge the settings. You can deactivate <u>all</u> call diverting settings by selecting the **Cancel All.**

Call Barring

This network service allows you to restrict your call for Outgoing Calls, Incoming Calls.

You can also cancel All call barring settings. You will be able to make and receive calls normally.

You can set and change the call barring password obtained from your service provider using this option. You must enter the current password before you can specify a new one.

Note:

The phone sends your settings to the network and the network returns the acknowledgement. You can deactivate all call barring settings by selecting the **Cancel All.**

Call Time Reminder

You can set the call time reminder. Options are Off, Single, and Periodic.

Call Time Display

If you want, you can set the phone to display the call time.

Auto Redial

This option allows you to set redial automatically when the call receiver is busy. If you set [Auto Redial] on, it will redial 10 times to make a call.

IP Number

NETWORK SETUP

These menu functions are network services. Please

contact your service provider to check their availability and subscribe to them, if you wish. These settings might affect your monthly bill and your phone's network performances.

Network Selection

The Network Selection feature enables you to select automatically or manually the network used when roaming outside of your home network.

Note: You can select a network other than your home network only if it has a valid roaming agreement with your home network.

Options:

1) Automatic: You will be connected to the first available network when roaming

2) Manual: The phone scans for the available network, and you can select the network manually.

Preferred Networks

You can set your preferred networks from PLMN list.

You can Add From List, Create New, Change Priority and Delete the selected preferred network from the list.

GPRS Connection

Press [Change] soft key (left) to change the setting for the GPRS connection. It will switch and save the GPRS connection to set on:

1) Always

2) When Needed.

SECURITY SETUP

There are six types of security setting categories, and you can optimize security mode by choosing sub menus in "Security Setup" in "Settings" menu. These security settings will help you to keep privacy and to prevent other people from using the phone without your permission.

PIN Lock

When the PIN Lock feature is on, the phone only works when you enter PIN code for the SIM card. If you turn on the phone with the SIM card, the phone will ask for the password. Once the correct password is entered, the phone will work with the SIM card.

Phone Lock

When the Phone Lock feature is on, user must enter the password each time you turn on the phone. Making a call or operating the phone is not available without the password.

Auto Keypad Lock

To prevent unwanted accidental key presses, you can use this auto keypad lock function. You may not make a call or operate the phone until you press the unlock code. However, answering a call, receiving messages are available without entering the unlocking key sequence.

To change the Keypad Lock setting,

1) Press and hold the * key then select the keypad lock options (None/ 15 sec / 30 sec / 1 min / 2 min /

Immediately) or

2) Press the menu key and select 4. Settings / 4.4 Security Setup / 4.4.3 Auto Keypad Lock.

To unlock the Keypad Lock time setting,

1) Press the [unlock] soft key (left) and * key in sequence, each time you need to release the keypad lock.

Fixed Dial

When the Fixed Dial mode is enabled, the person using this phone can call to the phone numbers stored in the Fixed Dial List only. To make a call to the number not starting the numbers stored in Fixed Dial List, you must enter the PIN2 to disable Fixed Dial mode. If the SIM card does not have PIN2, this feature is not supported.

In the Fixed Dial Mode, you can use several useful functions as following.

1) View and Edit: you can see and edit FDN entry after input PIN2.

2) Add : you can add FDN entry after input PIN2.

3) Delete: you can delete FDN entry after input PIN2.

4) Short Type: you can choose short type among Number / Name / Sequence.

Barred Dial

When the Barred Dial mode is enabled, the person using the phone cannot call numbers in the barred dial list. To call a barred number, you must enter the PIN2 to disable the barred dial mode. If the SIM card does not have PIN2, it will not support the Barred Dial feature.

Change Password

To change the password, input the current password, and then enter the new password.

Note: The initial password is "0000." After you change your password, you will need to input the password. If you forgot your password, contact the service center.

SOUND EFFECT

Allows you to set and edit equalizer as Normal, Bass, Dance, Classical, Treble, Party, Pop and Rock.

IRDA

You may use the IrDA port of your phone to send or receive files with other phone or PC equipped with IrDA port.

Activation Menu

Open / Close: allows you to open or close the IrDA port.
After selecting the IrDA to Open, you may send files from Phonebook, My vCard, Camera, Video, or from a File Manager.

Storage

You can choose where to save the files, either to phone or Memory Card.

RESTORE FACTORY SETTINGS

This feature would reset the phone to the same settings as those configured at the factory. In this case, it does not delete the downloaded objects and phonebook

records.

You will need to input password to restore factory settings. The initial password is 0000.

Multimedia

The Multimedia menu provides you several multimedia functions such as Camera, Image Viewer, Video Record, Video Player, Audio Player, Sound Recorder, FM Radio, Schedule FM Record and Melody Compose. You can enjoy your phone as multimedia device.

CAMERA

This phone has a VGA Camera sensor. You can enjoy taking photos and see the saved photos (or images). You can access to Camera preview mode by using [Camera] menu after pressing the [Menu] soft key (left) to open the main menus and choosing the fifth menu [Multimedia] then [Camera] menu. Before taking a picture, you can set your camera settings on screen by pressing navigation keys, alphanumeric keys, and [Option] soft key (left).

1) Taking and Saving a Photo

By using these functions, you can take a photo and save.

(1) Choose [Camera] menu.

(2) Then the screen will display the camera preview.

(3) Set your camera using [Option], alphanumeric keys or pressing the navigation key right and left to set

brightness or up and down to set zoom.

(4) After setting the view and take a picture by pressing the center navigation key.

(5) If you want to save the picture, select the [Save] soft key (left) and edit the picture name, and press the left soft key [Option] then select "Done."

(6) You can view the image in the Image Viewer.

2) Key Usages in Camera Preview

Navigation Keys

(1) In the camera preview mode,

A. Brightness Setting (Left & Right Navigation Key): allows you to adjust the brightness (exposure value). When you press the right navigation key, the camera preview screen will become brighter, and the left navigation key the opposite.

B. Zoom Setting (Up & Down Navigation Key): By pressing the navigation key up or down, you can zoom in and out the preview.

C. Shutter (Center Navigation Key): you can take a picture by pressing the shutter key.

(2) In Camera option mode,

A. You can use the left and right navigation keys to select an option.

B. You can use the up and down navigation keys to navigate through the option list.

Function Keys

There are more functions. You can use these functions

by pressing the keys.

(1) Option (Left Soft key) – press the [Option] soft key (left) to view and select options for the Camera settings and viewer. See details the following descriptions for Options.

(2) Cancel or Back (Right Soft key)– if you want to cancel your key-input or go back to upper menu, press the [Back] soft key (right).

Alphanumeric Keys

You can easily change the camera setting by pressing the following alphanumeric keys. The screen will display and toggle camera option icons, when you press the following keys.

Key	Setting
1	Effect Settings
2	White Balance (Auto, Daylight, Tungsten, Fluorescent, Cloud, Incandescence)
4	Delay Timer (Off, 5,10, 15)
5	Continuous Shot (Off, 1, 3, 5)
6	Scene Mode (Auto, Night)
7	Image Quality (Normal, High, Low)
8	Image Size (640x480, 320x240, 160x120)

#	Show or Hide Option icon

3) Options

From the camera preview mode, you can access to the Camera Options by pressing the [Option] soft key (left) for the following options and settings for the Camera.

(1) To Image Viewer

By selecting this menu, you can view the saved photos in the Image Viewer.

A. View: allows you to view the photos taken

B. View Mode: allows you to view images either List view or Matrix view.

C. Forward: allows you to send or save the photos to Wallpaper, Screen saver, Power On Display, Power Off Display, Phonebook, MMS, EMS and IrDA.

D. Rename: allows you to rename the title of the photos

E. Delete: allows you to delete the unwanted images

F. Delete All Files: allows you to delete entire photo files.

G. Sort: allows you to sort the files as the following:
 - By name, By type, By time, By size, None

H. Storage: allows you to select the storage for saving images; (Phone / Memory Card)

(2) Camera Settings

A. Shutter Sound (Sound1/2/3/Off)

Allows you to select a shutter sound among three kinds of shutter sounds or turn off the shutter sound. The sound makes you feel the sense of taking a picture.

B. EV (-4/-3/-2/-1/0/+1/+2/+3/+4): You can set the EV (Exposure Value) and the preview will look darker in lower EV and brighter in higher EV.

C. Banding (60Hz/50Hz): You can select the sampling bandwidth of the camera sensor. When bandwidth increases, the memory size and the picture quality will increase.

D. Delay Timer (Off/5Sec/10Sec/15Sec): It allows you to take a picture with delayed timer. If you set the delay timer at 5 sec, and press the camera key (center navigation key), it will take a picture 5 seconds later.

E. Cont Shot (Off, 1Shot/3Shot/5Shot): It allows you to take multiple continuous shots by pressing the camera key.

(3) Image Settings

You can set image size and quality of your photo as following.

A. Image Size: 640x480, 320x240 and 160x120 are available.

B. Image Quality (Low/Normal /High): allows you to choose the JPEG quality. The captured image

memory size will increase if you choose higher quality.

(4) White Balance

You can set white balance of your photo as following. :Auto, Daylight, Tungsten, Fluorescent, Cloud and Incandescence are available.

(5) Scene Mode: (Auto/ Night)

(6) Effect Settings

You can set various different styles of the effects to your photo

(7) Add Frame

You may select various types of frames to create stylish frame to your photo by selecting 10 wallpaper frame choices. You can adjust "Add Frame" menu by side key.

IMAGE VIEWER

You can see your photos in your phone by choosing [Image Viewer] menu in [Multimedia] menu. It will display the photos with thumbnail, image name, and image size.

Options:

1) View: allows you to view the image in full screen. Press the navigation key up and down to view other images.

2) View Mode: allows you to view images either List view or Matrix view

3) Forward: allows you to forward the image to Wallpaper, Screen Saver, Power On Display, Power

Off Display, Phonebook, MMS, EMS and IrDA.
4) Rename: allows you to edit the image title.
5) Delete: allows you to delete the selected image.
6) Delete All Files: allows you to delete all images in the storage.
7) Sort: allows you to sort the image by Name, Type, Time and Size.
8) Storage: allows you to select the storage for saving images; (Phone / Memory Card).

VIDEO RECORDER

With this phone, you may record a video with the Video Recorder menu.

Options:
1) To Player: allows you to have options to choose where to save your recorded video (to Phone or to Memory card)
2) Camcorder Settings: allows you to set various types of camcorder settings as follows:
   - White Balance
   - EV
   - Night Mode
   - Banding
3) Video Settings: allows you to set the quality and size of the video such as the following options:
   - Video Quality
   - File Size Limit
   - Record Time Limit

- Record Audio
- Encode Format

4) Effect Settings: allows you to have various types of effects to your video.

5) Storage: allows you to select the storage for saving images; (Phone / Memory Card).

6) Restore Default: allows you to restore to the video recorder's default settings.

VIDEO PLAYER

You can view the recorded video with the Video Player. Press the side volume key to adjust the volume.
Options:

1) Play: allows you to play the recorded video

2) Forward: allows you to forward the video image to Screen Saver, Power On Display, Power Off Display, MMS and IrDA.

3) Rename: allows you to rename the video file

4) Delete: allows you to delete the video file

5) Delete All Files: allows you to delete entire recorded video files.

6) Sort: allows you to sort video files by name, type, time and size

7) Storage: allows you to select the storage for saving video files; (Phone / Memory Card).

AUDIO PLAYER

You can listen to MP3, MIDI, WAV, AMR, iMelody music files with the Audio Player.

To view the music list, press [List] soft key. It will display available music list from the microSD Card or Phone depending on Play List setting. To play the music, press the left or right navigation key, or press [Option] soft key and select "Play."

Options:
1) Play: allows you to play the music files
2) Detail: displays details of the music file, such as a Music Title, Artist, Album, Play Time, File Size and so forth.
3) Add to Rings: allows you to set the music file in the microSD card or phone memory as a ring tone. You should insert the microSD card to enable this function and to use the ring tones from the microSD card.
4) Add: allows you to add a directory to the play list. This option is available when you set the List Auto Generate to Off.
5) Remove: allows you to remove the selected file from the play list. This option is available when you set the List Auto Generate to Off.
6) Remove All: allows you to remove all files from the play list. This option is available when you set the List Auto Generate to Off.
7) Refresh List: allows you to refresh the music list. This option is available when the List Auto Gen is set to On.
8) Settings
   (1) Play List (From Memory Card/From Phone)
   (2) List Auto Generation (On/Off): you can select

whether to generate the music list automatically or manually. When this option is On, music files in the main directory will be selected in the play list; when the option is Off, you can add a file or a directory to the play list.

(3) Skin (Skin 1/2/3): you can select the Audio Player skin depending on your taste.

(4) Repeat (One/All/Off): allows you to set repeat option. When you select one or all, it will repeat the selected file or all music files. When you select this option to off, it will play the music file one time and stop.

(5) Shuffle (On/Off): allows you to set the shuffle feature on or off. This function is useful if you want to listen to the music in random order rather than from first file to the last.

(6) Background Play (On/Off): allows you to set the Audio Player to play the music while you are using the phone other than audio player, such as menu navigation. When Background Play option is On, it will play the music, even if you press the End key or [Back] soft key (right). When the Background Play option is Off, and you press the End key or [Back] soft key (right), it will stop playing the music file.

(7) Auto Equalizer: allows you to set equalizer as Normal, Bass, Dance, Classical, Treble, Party, Pop, Rock.

(8) Spectrum Display Style: allow you to set Spectrum

Display as Style1, Style2, Style3 and off

To make a play list from the selected directory:

1) Access to the Audio Player.

2) Press the [List] soft key (left).

3) Press the [Option] soft key (left), and select **Settings**, and set the **List Auto Generate** to **Off**.

4) Select **4. Add** from the [Option] menu, the phone will display the File Manager. Using the navigation keys, highlight the desired directory or file in the File Manager

5) Press the [Option] soft key (left), and select **1.Select**. The music files in the selected directory will be added to the play list.

SOUND RECORDER

With this menu, you can record sound in AMR and WAV format and use it as voice memo, ring tone, MMS and EMS attachment.

1) Options when there is no record file in the Sound Recorder:

   (1) Record

   (2) Settings

2) Options, if you have more than one record file:

   (1) Record: allows you to start recording.

   (2) Play: when there is a file in the list, it will play the recorded sound file.

   (3) Append: allows you to append additional recording to the previously recorded file. This

function is available only for AMR format files. This option appears when there is any recorded file.

(4) Rename: allows you to change the file name.

(5) Delete: allows you to delete the selected file.

(6) Delete All: allows you to delete all files in the sound record list.

(7) Settings

    A. Preferred Storage (Phone / Memory Card): allows you to set the preferred storage.

    B. File Format (AMR / WAV): allows you to select recording the sound in AMR and WAV format.

(8) Forward

    A. To Tone Setup: allows you to use the sound file as a Ring Tone in Tone Setup.

    B. To MMS: allows you to write a MMS message with the selected sound file.

    C. To EMS: allows you to write an EMS message with the selected sound file.

FM RADIO

The FM Radio application turns the mobile phone into a portable FM Radio device. It primarily provides users the interface to a single-chip electronically turned FM stereo radio for listening to live-broadcast stations. You must connect the earphone to your phone as it works as an antenna.

You can access to [FM Radio] menu after pressing the [Menu] soft key (left) to open the main menus and

choosing [Multimedia] then 7th [FM Radio] menu.

To listen to the radio

Connect the earphone to your phone. When entering the main screen, a default frequency is selected and it's power off for the first time of entrance.

There are 9components in the screen layout:

1) Channel Name: user defined channel name

2) Frequency: current frequency in the tuner

3) Tuner scale: shows the current frequency position and the whole range with scale.

4) Volume Indicator: scales from 1 to 7: press side ↑ key to increase volume, and side ↓ Key to decrease volume

5) Smart turning Button: press Navi. (Up) key to set the nearest available channel with signal level

6) Record Button: press [WAP] key to toggle record mode.

7) Power ON/OFF Button: press Navi. (Down) key to toggle power ON/OFF

8) Increase Frequency Button: press Navi. (Right) key to increase frequency

9) Decrease Frequency Button: press Navi. (Left) key to decrease Frequency

Options:

From the FM Radio mode, you can access to the FM

Radio options by pressing the <option> soft key (left) for the following options and setting for the FM Radio.

■ Channel List: By selecting this menu, you can check the saved Channels. (9 Channels available)

A. Play : allows you to listen the channel chosen

B. Edit : allows you to edit the channel's name

■ Manual Input: allows you to search Channels directly by inputting the Frequency. If you want to register the channel to the Channel List, you can save it by pressing long the channel number that you want to register (Number 1~9).

■ Preset Auto Search: By selecting this menu, you can search the available channels automatically. Moreover, the selected channels will be placed in the Channel List.

■ Setting

A. Background Play (ON/OFF)

B. Record Format (WAV/ AMR)

C. Record Storage (Phone/ Card)

■ Record: With this phone, you can record the channel you are listening with shortcut [WAP] key. When you press REC [WAP] key, you can check "REC" sign on the right side of LCD and the recoding time will be displayed below "REC" sign.

■ Append: allows you to append additional recording to the previously recorded file. This function is available only for AMR format files. This option appears when there is any recorded file.

■ File List

SCHEDULE FM RECORD

This menu allows you to set the Schedule FM Radio to record at a specific time. You can save up to 4 channels. Options:

■ ON/OFF
■ DATE/TIME: input the Day and Time.
■ Repeat: (Once/ Everyday/ Days/ Weekly/ Monthly) select the repeat characteristics of the task.
■ Channel Setting: (Channel list/ Manual input)
■ Record Setting: (Record Format/ Storage/ Record File)

After you completed editing the options, press the [Done] soft key (right) to save the changes.

MELODY COMPOSE

With this menu, you can create an iMelody file. You can use this melody as your Ring Tone, MMS and EMS attachment.

How to compose a melody:

1) When you first use the Melody Compose,
    (1) Press the [Add] soft key (left)
    (2) Start composing a melody pressing the numeric keys.
    Press the [Option] soft key and select "Save." Edit and save a file name by pressing the [Option] soft key (left) and select "Done."
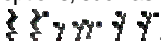
Note:

1: Do, 2: Re, 3: Mi, 4: Fa, 5: Sol, 6: La, 7: Ti

8: Vibration – allows the phone vibrates.

9: Light – allows the LED lit.

0: Rest – indicates the rest place.

∗ : toggles options, such as notes ♪♪ ♪♩♩♩♩♩♩♩

and rest 𝄽 𝄾 𝄿 𝄿. 𝄿 𝄿.

: changes the accidentals. Press 1~7 and then press
the sharp key;
the musical scale will be switched with between
Sharp (♯) / Flat (♭), if applicable.

Navigation Up, Down Keys: changes an octave, and
toggles options when applicable.

Options while editing:

(1) Play: allows you to play the composed file before
you save the file.

(2) Play Speed (Fast / Normal / Slow)

(3) Select Instrument
(Piano / Guitar / Violin / Saxophone / Steel Drums
/ Flute / Harmonica / Trumpet / Music Box /
Xylophone)

(4) Save: when you are done composing, select
"Save."

(5) Storage: allows you to select the storage for
saving sounds. You can choose from Phone and
Memory Card.

2) If you have more than a record file,
Press the [Option] soft key (left), and select 'Add' to start composing a melody.
Options:
(1) Play: allows you to play the selected file.
(2) Edit: allows you to edit the composed music.
(3) Add: allows you to compose a new music file.
(4) Rename: allows you to rename the selected file.
(5) Delete: allows you to delete the selected file.
(6) Delete All Files: allows you to delete all files in the list.
(7) Forward: allows you to forward the composed file to the following usages.
    A. To Tone Setup: allows you to forward the sound file to Tone Setup as a Ring Tone.
    B. To MMS: allows you to write an MMS message with the selected sound file.
    C. To EMS: allows you to write an EMS message with the selected sound file.

Fun

The Fun menu provides you with several multimedia functions such as Games, FM Radio and Schedule FM Record.

JAVA
Using this menu you can enjoy the embedded Java

games and downloaded Java games or Java Applications from WAP. Follow the instruction of the application or game. Loading time will vary from applications to applications.

There is embedded Java game for your mobile phone. (Depending on Software version)

Press [Option] soft key (left) and select 'Launch' to execute the java game or application.

Java Options:

1) Launch: allows you to launch the selected game or application.

2) Settings: allows you to change the setting for Java.

3) Information: displays Java Midlet information of the selected java game or application, such as name, size, version, vendor, and jad or jar website of a Midlet.

JAVA SETTING

You can setup audio, network profile, and free data space.

1) Java Audio: allows you to set the Java audio sound to on or off.

2) Java Vibration: allows you to set the vibration to on or off.

3) Java Network: you can select the java network from the list.

4) Free Data Space: you can view the free data space.

5) Heap Size: you can view the remaining heap size.

GAMES

Using this menu, you can enjoy the embedded games.

Please see the following instructions for each game, and enjoy the games.

When you select a game, you will have the following menu:

1) Start Game: allows you to start playing the game. When you press the right soft key, it will go back to menu with Resume option added. Select "Resume" to continue playing the game.

2) Best Grades: will display the best records in each level. Press [Reset] soft key (left) to reset the best grades record.

3) Game Help: describes about the game and an instruction.

4) Game Settings: You can select the game setting. This will be applied to the game plays. Press the left or right navigation key to select the setting and press the [Ok] soft key to save the setting.

  1) BGM (On/Off)
  2) Sound Effect (On/Off)
  3) Game Vibration (On/Off)

Tools

Tools menu helps you to utilize your phone as Calendar, To-Do List, Alarm, World Clock, Calculator, Unit Converter, Health and Stopwatch.

CALENDAR

The calendar helps you to keep track of memos, calls

that you need to make, anniversaries, and To-Do's.

TO DO LIST

You can view all saved tasks. It displays a task or tasks saved in the calendar. The To Do List shows the notes of the tasks from the oldest task to the latest task.

ALARM

This menu allows you to set the alarm to ring at a specific time. You can save up to three alarms.

To stop the alarm when it rings, press the [Stop] soft key (left) to stop the alarm or press the [Snooze] soft key (right) to snooze the alarm so that it will remind you again in four minutes.

WORLD CLOCK

This feature allows you to check the current time based on Greenwich Mean Time (GMT) for major cities around the world

To set the time zone of your location, select the city corresponding to your time zone by pressing the left and right navigation keys. The phone will display the local date and time.

CALCULATOR

Using this feature, you can use the phone as a calculator. The calculator performs the basic arithmetic functions and memory functions; Addition, Subtraction, Multiplication and Division; Add to Memory, Subtract to Memory, Memory Clear and Memory Read.

UNIT CONVERTER

You can convert from one type of unit to another.

    To convert a value:

      1) Select the weight or length options.

      2) Press the left or right navigation keys and select the type of conversion to be performed. (Example: Kg ↔ Pound)

      3) Using the up and down navigation keys, place the cursor on the desired unit

      4) Input the value to be converted, and then press [Ok] to get the result.

      You can enter a decimal point (.) using the # key.

Weight

      Kg ↔ Pound,   Kg ↔ Ounce

Length

      Km ↔ Mile,   M ↔ Yard

      M ↔ Foot,   Cm ↔ Inch

Currency Converter

    To convert currency:

      1)   Input a currency rate.

      2)   Press the [Ok] soft key (left).

      3)   Press the left or right navigation keys to choose how you want the currency to be calculated. (xxx:1 or 1: xxx)

      4)   Press down the navigation key and input the local currency value.

      5)   Press the [Ok] soft key (left) to get the result.

6) If you want to convert other local amount, press the up navigation key and select the currency convert type (xxx:1, or 1: xxx), and repeat steps 4) and 5). If you want to convert with other currency rate, press the [Back] soft key.

HEALTH

BMI

BMI is an index for your health, keeping in the Normal range is recommended for your health. Low BMI and high BMI both are critical for the health.

	Thin	Normal	Fat
Female	~ 18	18 ~ 23	23 ~
Male	~ 20	20 ~ 25	25 ~

Biorhythm

You can check your biorhythm with your birthday.

STOPWATCH

This is a tool to measure timing; Split Stopwatch, Lap Stopwatch and nWay Stopwatch. You can use the stopwatch functions for various sports; for example, running, swimming races, or car races.

Typical Stopwatch

There are Split Timing and Lap Timing stopwatch functions in this typical stopwatch menu.

Split Timing

Split Timing is useful for measuring each player's record from start. The timing will be recorded

earliest to latest.

Lap Timing

You can use the Lap Timing function to measure each lap record.

View Record

When you save the timing records from the Split Timing and the Lap Timing, it will be saved and listed in this menu.

nWay Stopwatch

You can use 4-way navigation keys for measuring times for each direction.

When you press a navigation key, the direction stopwatch will start timing, and other direction stopwatch will pause the timing. When you press the paused direction's navigation key, the stopwatch will resume timing. Press and hold the [Resume] soft key to clear all record.

Services

This menu allows you to use services including SIM card additional services, WAP and Data Service.

STK

If you use a SIM card that provides additional services, the STK menu displays. For details of SIM Card Tool Kit, please refer to your SIM card instructions. If you have any questions, please call After Sales support center.

WAP

You can connect to WAP site by this phone, and use the services provided by the sites. The WAP browser works as Internet browser of PC. And the services are provided by the connected sites.

Homepage

When you choose [Homepage] menu, WAP browser opens the main page of home site that you had activated among the sites in [Profile].

Bookmarks

You can make bookmark data in your phone. And you can connect to the site directly.

Options:
- Goto : Connect to the bookmarked WAP page
- Edit : Edit the name and URL of the selected entry
- Delete : Delete the selected entry
- Delete All : Delete all entries in the bookmarks.
- Add Bookmark

Recent Pages

When you choose [Recent Pages] menu, WAP browser opens the latest WAP page.

Enter Address

If you know the URL of the site, you can go to the site directly by inputting the URL.

WAP Push

Your phone receives WAP service messages and saves

them in the WAP Push. You can read the message in the Inbox.

Settings

This option allows you to set the WAP settings. There are several profiles of sites in this phone. You can activate one of them as a home site and change or set each profile.

Options:

- Edit Profile: Shows the name of selected site and you can edit the profile(s).
- Browser Options: Time out, Show Images
- WAP Push Setting: On/Off
- Clear Cache: clears the most recent site files that you have downloaded in the temporary memory.
- Clear Cookies: deletes cookies in the memory.
- Clear Recent Page List: clears recent page list in the memory.
- Clear Address: deletes all addresses, which you entered in 8.2.4 Enter Address.
- Trusted Certificates: saves and lists the Trusted Certificated from the WAP sites. You can view and delete the certificates.

DATA ACCOUNT

This menu allows you to change the settings for the GSM and GPRS network services. For further details, contact your service provider.

GSM

This setting allows you to change the settings for the GSM network as following:
- Account Name: Edit the account name.
- Number: Enter the server phone number.
- User Name: Enter the user name required to connect to GSM Data network.
- Password: Enter the password required to connect to GSM Data network.
- Line Type: Choose a network connection type between Analogue and ISDN.
- Speed: Select the desired speed from 4.8, 9.6 Kbps and 14.4 Kbps.
- DNS(000.000.000.000): Enter the IP address

GPRS

This setting allows you to change the settings for the GPRS network as following.
- Account Name: Edit the account name.
- APN: Enter the access point name used for the address of the GPRS network gateway.
- User Name: Enter the User Name required to connect to GPRS network.
- Password: Enter the password required to connect to GPRS network
- Auth. Type: Select the authorization type from Normal and Secure.

File Manager

This menu allows you to navigate the stored files in the phone or memory card.

1) You can view the remaining memory and total memory of the phone and the microSD Card.

2) You can open and navigate the directories and files in the storage.

3) You can view, play, and setup files in the storage disks.

   1) View / Play: allows you to view or play the file.

   2) Edit : allows you to edit image files.

   3) Forward: allows you to forward the file to use in Wallpaper, Screen Saver, Tone Setup, Phonebook, and to send via MMS, EMS.

   4) Detail: displays information of the file, date and size.

   5) Rename: allows you to edit the file name.

   6) Copy: allows you to copy the file to the other folder or other storage.

   7) Move: allows you the move the file to the selected folder or storage. The file will be removed from the original folder and paste to the selected folder.

   8) Delete: allows you to delete the selected file.

   9) Delete All Files: allows you to delete all files in the selected folder.

   10) Sort: allows you to sort the files by name, by type, by time, and by size.

> **Note:** After selecting Copy or Move option, press the left or right navigation keys to access to the upper or lower folder.

SIM AT Service

SIM Card provides several value-added services.
These functions will only display and work on the menu of the phone when your SIM card is supported. If your SIM Card does not support such services, the phone will not display those menus.

The content and the terms of the function lists will depend on your network service provider.
Please contact your network service provider (a network operator or the service provider) in regards with availability of any services related to the SIM card, application information and the costs.

Note: Please be aware that charges may be applied to your bill due to activated SMS or Call when you perform those services. The text of SIM AT menus may be different from your phone language setting because the text directly comes from your SIM card

Using Batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time. When charging after complete discharge, the phone will not display anything for about 30 minutes.
- Use only approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten the battery life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as it will reduce the capacity and lifetime of the battery. Always try to keep the

battery at room temperature. A phone with a hot or cold battery may not work temporarily, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0   (32   ).

- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and − terminals of the battery (metal strips on the battery), for example, when you carry a spare battery in a pocket or bag.
- Short-circuiting the terminals may damage the battery or the object causing the short-circuit.
- Dispose the used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

BATTERY CHANGE

Unless you replace the battery with the new one within 70 seconds, time is to be slow down.

In order to avoid this problem, you need to change the battery within the time mentioned above.

Safety Information

ROAD SAFETY

- Please be aware that road safety always comes first.
- Do not use a hand-held phone while driving. Always park the vehicle first before having a conversation.
- Make sure that your phone is stored safely and will not fall or be broken in the event of a collision or emergency stop.
- Only qualified personnel should install or service the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the unit.
- Electronic fuel injection, anti-skid braking, electronic cruise control or any other electronic systems may cause malfunction to your phone due to the lack of protection from radio signals. Check regularly that all cellular phone equipment in your vehicle is mounted and operating correctly.

OPERATING ENVIRONMENT

- Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).
- Operation of any radio-transmitting equipment, including cellular phones, may interfere with inadequately protected medical devices. Consult a doctor or the

manufacturer of the medical device if you have any questions. Other electronic equipment may also be subject to interference.

■ As with other mobile radio-transmitting equipment, you are advised that for satisfactory operations and personal safety, the equipment should only be used in the normal operating position.

■ Always switch off the phone when refueling (service station). You are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

■ Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

■ Switch off your cellular phone when in aircraft. The use of cellular phones in aircraft is illegal and may be dangerous to the operation of the aircraft or disrupt the cellular network. Failure to observe these instructions may lead to the suspension or denial of cellular telephone services to the offender, legal action or both.

CARE AND MAINTENANCE

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill the warranty obligations and enjoy this product for many years.

■ Keep the products (mobile phone, battery, charger and

other accessories) out of the reach of small children. Do not allow children to play with your product. It could hurt themselves or others, or could accidentally damage the mobile phone or others. Your product may contain small parts that could be detached and create a choking hazard.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids containing minerals will corrode the electronic circuits.
- Do not use or store the phone in dusty, dirty areas as its components may get damaged.
- Do not store the phone in warm areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal temperature, moisture can form inside the phone, which may damage the electronic circuits.
- Do not attempt to open the phone's casing. Non-expert handling of the phone may cause damages to your phone.
- Do not drop or knock the phone. Rough handling may damage the internal circuits.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe out with a soft cloth slightly dampened in mild, soapy water.
- If the phone or any of its accessories are not working

properly, take them to your nearest qualified service center. The personnel there will assist you, and if necessary, arrange for the phone to be repaired.

- Using the earpieces or stereo headset for extended time can cause a serious damage to your hearing. Exposing sound higher than 100db for a long time, you will get possible ear damage that could results from extensive usage of audio playback. You are strongly advised to check the volume level to medium before using.

- Use only Ezze branded original chargers intended for use with your mobile phone. Other chargers may not be designed to the same safety and performance standards. (The use of any other types may invalidate any approval or warranty, and may be dangerous.)

- Do not use the phone while charging the phone. You may be electric-shocked if you use the phone while charging the phone with the USB data cable or the battery charger. Make sure to disconnect the USB data cable or the charger before using the phone.

CHARGER OPERATION

Please, read this manual before using the charger, for the correct operation of the appliance.

IMPORTANT SAFETY INSTRUCTIONS

The charger should be used for Li-Ion accumulators charging only.

- Do not charge other types of accumulators with this charger.

- Do not expose the charger to moisture or rain.
- Do not disassemble the charger or the network adapter.
- Unplug the network adapter when not in use.
- Do not connect this charger with the appliances or peripheral devices, which are not indicated in this booklet.
- It is not recommended to discharge the Li-Ion accumulator before charging.

SPECIFICATIONS OF THE CHARGER

The charger consists of:
- Main charger
- Adapter plates (the compatibility list is cited on the reverse side of the package)
- Network adapter 220V alternating/direct current
- Car electric cigar lighter adapter

ADVICES CONCERNING USAGE

<Networking of the appliance>

For 220/110V alternating current:
- Connect the charger with the network adapter
  – insert the adapter into the charger jack.
- Plug the network adapter to the wall outlet

For 12V car electric cigar lighter adapter (option):

- Connect the charger with the car electric cigar lighter adapter - insert the adapter into the charger jack, marked as "Input 12-18V DC".
- Plug the adapter into yours car electric cigar lighter (warning: this charger works under 12V connectors only: passenger cars).

<Recycling of accumulators>

Accumulators should be disposed in accordance with established rules.

It is forbidden to throw away accumulators along with domestic garbage. If possible, use specialized organizations services for accumulators recycling.

EMERGENCY CALLS

IMPORTANT! This phone, like any cellular phone, uses radio signals, cellular and landline networks, as well as user-programmed functions that cannot guarantee connection in all conditions. Therefore, you should never rely solely on any cellular phone for essential communications (medical emergencies for example).

Remember, to make or receive any calls, the phone must be switched on and in a service area with adequate cellular signal strength.

Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use. Check with local cellular service providers.

EXPOSURE TO RADIO-FREQUENCY ENERGY (SAR INFORMATION)

This phone meets Government's requirements concerning exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured, so as not to exceed the limits for exposure to radio-frequency (RF) energy, as

recommended 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 were developed by independent scientific organizations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as SAR (Specific Absorption Rate). The SAR limit recommended by the FCC is _____ W/kg.

Head   Body

_____ W/kg   _____ W/kg

*The SAR limit for mobile phones used by the public is ___ watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary depending on national reporting requirements and the network band.

Menu Map

Phonebook

Quick Search
Search Entry
Add New Entry
  To SIM
  To Phone
Copy All
  From SIM
  From Phone
Delete
  From SIM
  From Phone
  One By One
Caller Group
  Friends
  Family
  VIP
  Business
  Others

Speed Dial
  Enable Speed Dial
  Set Number
Special Number
  Owner Number
  Service Dial Number
  SOS Number
Settings
  Memory Status
  Preferred Storage
  Fields
  My vCard
  Human Voice Prompt
  View Method

Messages

SMS
  Write Message
  Inbox
  Outbox
  Drafts
  Template
  Message Settings
MMS
  Write Message
  Inbox
  Outbox

  Drafts
  Template
  Message Settings
Voice Mail
Broadcast Message
  Receive Mode
  Read Message
  Languages
  Channel Setting

Call History

Missed Calls
Dialed Calls
Received Calls
Delete Call Log
   Missed Calls
   Dialed Calls
   Received Calls
   Delete All
Call Time
   Last Call Time
   Total Sent
   Total Received
   Total Time
   Reset All Time

Call Cost
   Last Call Cost
   Total Cost
   Reset Cost
   Max Cost
   Price per Unit
SMS Counter
   Sent
   Received
GPRS Counter
   Last Sent
   Last Received
   All Sent
   All Received
   Reset Counter

Settings

Phone Setup
   Sound & Light
      General
      Meeting
      Outdoor
      Indoor
      Headset
      Activate
      Customize
         Tone Setup
         Volume
         Alert Type
         Intelligent Call Alert
         Ring Type
         Extra Tone
         Answer Mode
   Time and Date
      Set Home City
      Set Time / Date
      Set Format
      Auto Update of Date & Time

   Language
   Preferred Input Methods
   Display Settings
      Wallpaper
      Screen Saver
      MainMenu Style
      Themes
      Greeting Text
      Contrast
      LCD Backlight
      Show Date and Time
      Show Owner Number
      Show Operator Name
   Dedicated Key
   Shortcuts
   Flight Mode
Call Setup
   Caller ID
   Call Waiting

Call Divert
Call Barring
Call Time Reminder
Call Time Display
Auto Redial
IP Number
Network Setup
  Network Selection
  Preferred Networks
  GPRS Connection
Security Setup
  PIN Lock

Phone Lock
Auto Keypad Lock
Fixed Dial
Barred Dial
Change Password
Sound Effect
IrDA
Restore Factory Settings

Multimedia

Camera
Image Viewer
Video Recorder
Video Player
Audio Player

Sound Recorder
FM Radio
Schedule FM Record
Melody Compose

Fun

Java
  Launch
  Settings
  Information
Java Setting
  Java Audio
  Java Vibration
  Java Network

  Free Data Space
  Heap Size
Games
  Start Game
  Best Grades
  Game Help
  Game Settings

Tools

Calendar
To Do List
Alarm

World Clock
Calculator
Unit Converter

Health   Stopwatch

Services
    STK (depends on SIM)   Data Account
    WAP   GSM
        Homepage   GPRS
        Bookmarks
        Recent Pages
        Enter Address
        WAP Push
        Settings

File Manager

Memo

Safety Information

1 . SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS
.POTE NTIALLY EXPLOSIVE ATMOSPHERES
Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cauls e an explosion or fire resulting in bodily injury or even death.

INTERFERENCE TO MEDICAL DIVICES
Certain electronic equipment may be shielded against RF signal from you wireless phone. (pacemakers, Hearing Aids, and so on) Turn your phone OFF in health c are 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 couching 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 1.39 **W/Kg** and when worn on the body , as described in this user guide, is **0.309 W/Kg** . (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/ oet/fccid after searching on **FCC ID: RV2EZ900.**

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

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.