b²WIN

DB830 User's manual
Version 01.02

PM-GSM-UM-0701
Mar. 5, 2007

REVISION HISTORY

Version	Date	Name	Revision History
01.00	2007-1-18	OJ Sim	Initial release
01.01	2007-1-26	OJ Sim	- Change keypad lock key (P.11, P.26)
			- Change screen shot images (All images) according to new Spanish string
			- Correct the direction of 14pin connector of Data cable and Earphone (P.24)
			- Correct the key allocation of Insert symbol input mode (P.38)
01.02	2007-3-5	OJ Sim	Add FCC statement

About this manual

Welcome to the DB830 Phone. This Phone comes with two parts.

'Before you start'
'Operation Instruction'

Before using your DB830 Phone, read 'Before you start' for overview of features, basic setup, and other important details.

After you have become familiarized with its basic functionality, refer to the operation Instruction for detailed features, less common tasks, and for maintaining your DB830 Phone.

These manuals can also serve as a source of information if you have problems operating your DB830 Phone.

I. Before you start

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I. Before you start

A. Features

1. Unpacking

Your package list is as shown below

Handset	Manual	Travel Adaptor	Earphone	Data Cable
	Blanked			

2. Phone Layout

Front	Back
Full type of touch keypad with blue backlights	1.3M pixel Camera

2.1 LCD

The LCD is TFT LCD and has 260K colors.

You can be enjoy the more clear LCD color with your DB830 phone

2.2 Camera

You can take a photo with DB830's embedded digital camera. DB830 has 1.3 Mega pixels camera module, you can enjoy highly qualify digital photo with your DB830 phone.
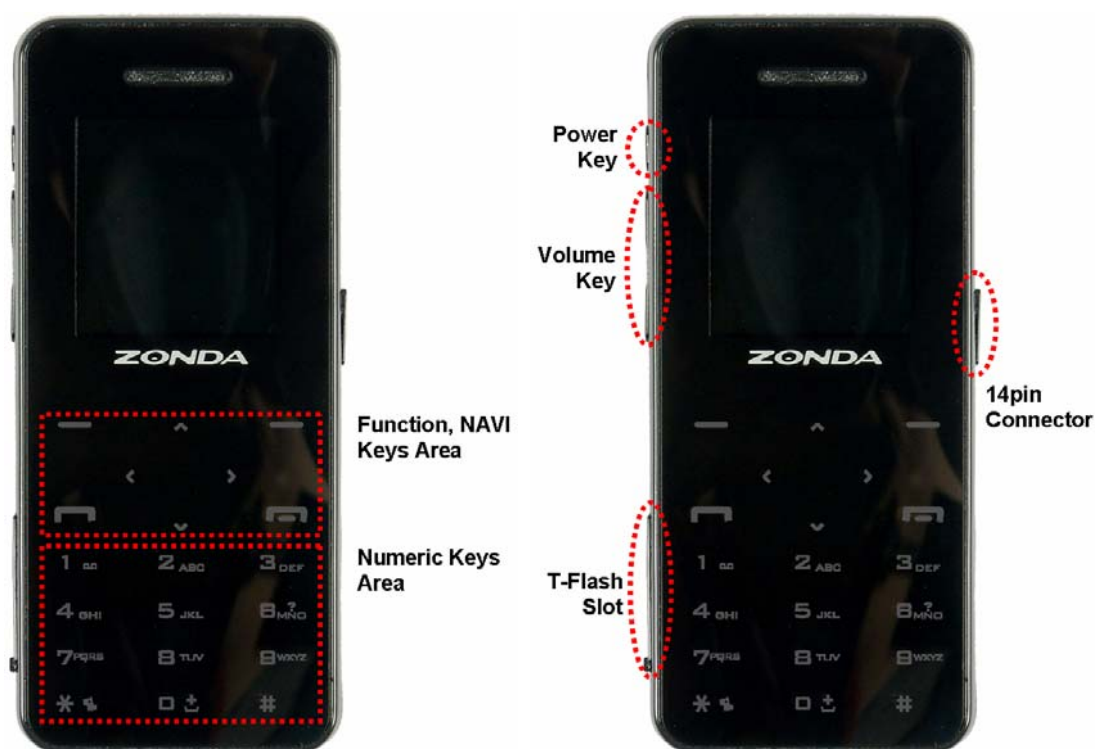
2.3 Slim Bar Type

DB830 is slim bar type. DB830 have a thickness of just 9.3mm.

2.4 Full type of touch keypad

DB830 is adopting a full type of touch keypad on front side of the phone.

2.5 Keys Description

Function Keys	
Left Soft Key	**[Basic Function]** Performs the functions indicated by the text in the left-bottom line of the display screen. Usually works as 'selection' key **[Idle Mode]** Enter main menu
Right Soft Key	**[Basic Function]** Performs the functions indicated by the text in the right-bottom line of the display screen. Usually works as 'backward' key **[Idle Mode]** Phonebook list menu
	Makes or answers a call. In the idle mode, launches Call log menu.
	Ends a call. In the menu, returns to the idle mode.

Navigation Keys	
∧ ⟨ ⟩ ∨	**[Basic Function]** move the cursor or selection bar up (Text edit mode or menu mode) **[Idle Mode]** Shortcut to Messages menu
∧ ⟨ ⟩ ∨	**[Basic Function]** move the cursor or selection down (Text edit mode or menu mode)
∧ ⟨ ⟩ ∨	**[Basic Function]** move the cursor or selection left (Text edit mode or menu mode) **[Idle Mode]** Shortcut to Phonebook menu
∧ ⟨ ⟩ ∨	**[Basic Function]** move the cursor or selection right (Text edit mode or menu mode) **[Idle Mode]** Shortcut to Fun & Games menu

Numeric Keys	
1 ⌀ 2 ABC 3 DEF 4 GHI 5 JKL 6 MNO? 7 PQRS 8 TUV 9 WXYZ ✱ ⎀ □± #	**[Press]** Enter number and string **[Press and Hold]** □± : Enter '+' (international call) ✱ ⎀ : On and Off silent mode

Side Keys	
	[Basic Function] Power on and off (Press and hold) **[Idle & other power on state]** Lock and un-lock the keypad (Short press) – **Except camera/video mode** **[Camera Mode]** Capture still image **[Video recorder Mode]** Record mpeg4 video file **[Video playback Mode]** Capture video frame
	[Basic Function] move the cursor or selection bar up (Text edit mode or menu mode) **[Idle Mode]** Increase the key-tone volume
	[Basic Function] move the cursor or selection down (Text edit mode or menu mode) **[Idle Mode]** Decrease the key-tone volume

3. Display Layout

3.1 Display Screen
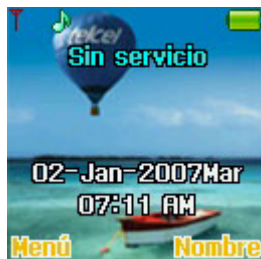
← Fixed Icon Area

← Network Status Area

← Time & Date Area

← Soft Key Area

3.1.1 Fixed Icon Area:

8 fixed icons are displayed indicating the phone status.

3.1.2 Network Status Area:

Network name registered is displayed.

If there is no GSM network coverage, No Service is displayed.

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

3.1.3 User Setting Screen Area:

Digital Clock , Analog Clock , Images or User Text is displayed according to the setting of screen setting menu.

3.1.4 Time & Date Area

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

3.1.5 Soft Key Area:

The functions assigned to the right and left soft keys.

3.1.6 Icons Descriptions

Icon	Description
▌▌▌	Shows the received signal strength. The greater the number of bars, the better the signal strength.
▬	Shows the current battery charge level. The green area shows charge level of battery.

	Appears when the alarm clock is set.
	Appears GPRS Mode is on
	Indicate the phone number line you select
	Show Phone Lock mode
	Appears when you miss call
	Appear when e-mail has been received
	Appear when FAX has been received
	Appears when Voice mail has been received
	Appears when SMS has been received
	Appears when MMS has been received
	Appears when MMS client is busy
	Appears when phone is mute mode
	Appears when alert mode is selected as ring
	Appears when alert mode is selected as Silent
	Appears when alert mode is selected as Vibrator
	Appears when alert mode is selected as Vibration and Ring
	Appears when alert mode is selected as Vibration then Ring
	Appears when WAP push is arrived

3.2 Camera Mode Screen

← Menu & Control Area

← Preview Area

← Soft Key Area

3.2.1 Preview Area :

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

3.2.2 Menu & Control Area:

You can see the status of photo mode setting with this control area. Each icon of control area has specific functions. The following table describes what the icons mean.

Icons	Functions	Key
	Zoom	
~ ~	Exposure Value	
	Effect (13 modes)	1
	White Balance (5 modes)	2 ABC
	Delay Timer	3 DEF
	Continuous shot	4 GHI
	Night mode	5 JKL
	Image quality	6 MNO
	Image size	7 PQRS

	Mode Change (Camera / Video recording)	**#**

3.3 Video Mode Screen

Video Recorder   **Video Player**
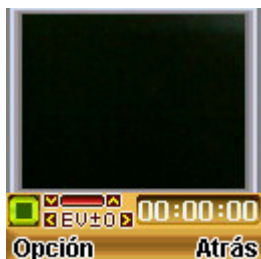
← Preview Area   ← Preview Area

← Menu&Control Area   ← Menu&Control Area

← Soft Key Area   ← Soft Key Area

3.3.1 Preview Area :

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

3.3.2 Menu & Control Area:

You can see the status of photo mode setting with this control area. Each icon of control area has specific functions. The following table describes what the icons mean.

Video Recorder		Video Player	
Icon	**Function**	**Icon**	**Function**
	Record		Play
	Stop		Stop
	Pause		Pause
	Zoom		Speed Level
	Exposure Value		Volume level
	Night mode		

3.4 Audio Player Mode Screen

← Audio File Info Area

← Equalizer Area

← Audio Control Area

← Soft Key Area

3.4.1 Icon Description

Icons			Description
			Play Audio file
			Pause Audio file
			Stop playing AUDIO file
			Go to Previous AUDIO file Go to Next AUDIO file
			Show volume strength level
			Show file location (Phone / T-Flash)
Repeat All	Repeat Off	Repeat Once	Repeat function
Shuffle On		Shuffle Off	Shuffle function
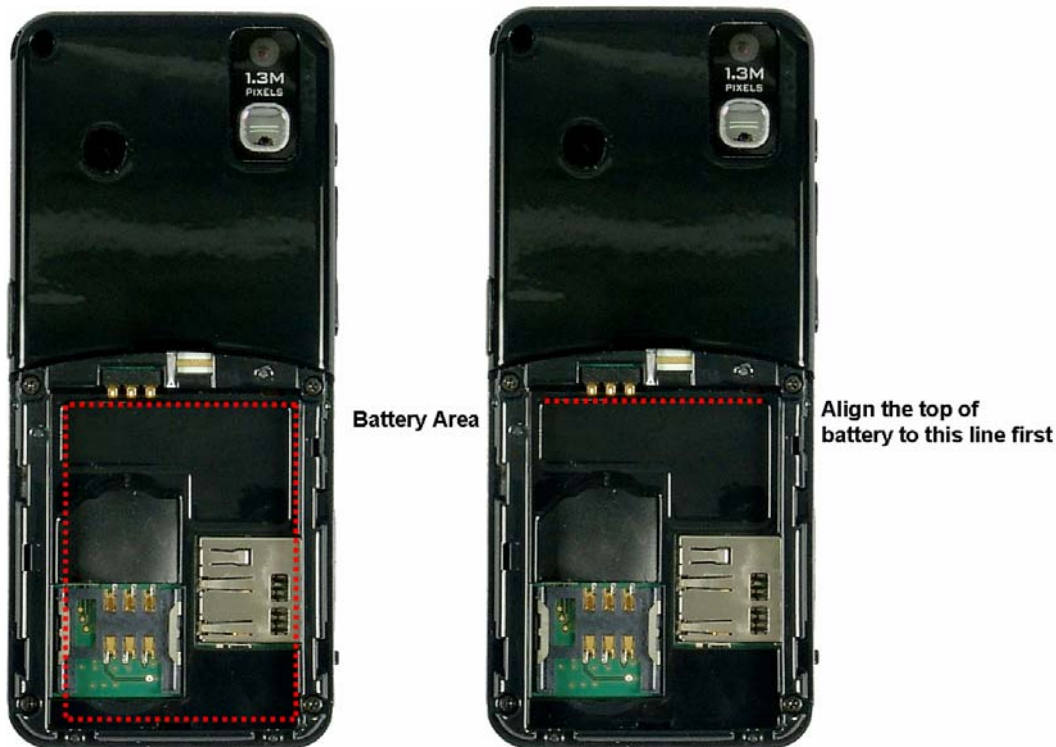
4. Battery

4.1 How to attach the battery

    a. Open the battery cover

    b. Align the up side of the battery with the slot of the phone.

    c. Push the battery until it clicks into place.

4.2 How to remove the battery

    a. Turn off your phone first.

    b. Open the battery cover.

    b. Pull the battery release latch of the bottom side of it

4.3 How to charge the battery

    a. Plug your charger in the wall socket.

    b. Connect the 14pin connector to the connector on the right side of the phone.

! Note

The phone will automatically check the battery status while the charger connector or data cable is connected on the phone.

- Full status, it automatically recharges the battery.
- Normally the phone completes battery charging in one hour.
- For a new or completely discharged battery, it takes at least 4 hours of charging to achieve optimum performance.
- You can make calls while charging your phone.
- Do not charge the phone without the battery in place.

5. SIM Card

SIM Card provides additional services and functions besides making a call.

These functions will only display and work on the menu of the phone if your SIM card supports them.

Some menu may not be shown depending on the SIM card supplied.

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) regarding availability of services related to the SIM card, application information and the costs.

5.1 How to place the SIM card

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

a. Push the SIM card holder in the direction of the arrow and hold it in this position.

b. Insert a new SIM Card under the two tabs on the right of the phone, ensuring that the beveled corner is right and the gold contact of the card face downward.

c. Hold the SIM card down and release the holder to lock it into place.

5.2 How to remove the SIM card

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

a. Remove the battery.

b. Release the SIM card holder by moving the SIM card holder to the top direction.

c. Remove the SIM card from the holder.

! Note: The SIM card is a computer chip containing information about your subscription, security, phonebook etc. When you register as a subscriber with GSM network operator, you are provided with the SIM card. Always handle the SIM card with care and insert with the gold contacts facing down.

6. T-Flash

By using T-Flash you can use more memory size.

6.1 How to place the T-Flash

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

  a. Remove the T-Flash cover of left side oh the phone.

  b. Insert a T-Flash under the two tabs to the T-Flash slot, ensuring that the gold contact of the card face downward.

  c. Hold and push the T-Flash right direction and close the cover into place.

6.2 How to remove the T-Flash

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

  a. Remove the battery.

  b. Remove the T-Flash cover of and push T-Flash to right direction once.

  c. T-flash will pull out and remove the T-Flash from the slot

7. Headset

Insert the headset plug into the 14pin connector on the right side of your phone.

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

When you receive an incoming call while a call is in progress, you can answer the incoming call by pressing the hook button on the headset. (The first call is automatically put on hold.)

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

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

! Note: If the headset is plugged in, your phone's standby time will be reduced. Therefore, please remove the headset when not in use.

8. Data cable

a. Connect the USB connector to USB port of PC (Desktop or Notebook)

b. Connect the 14pin connector to the connector on right side of the phone

Two functions are available via USB connection.

8.1 Data transfer with PC

When you connect your phone with PC by using data cable, the following window is shown up on you phone LCD.

- Mass Storage : You can use your phone as external memory

  => Audio/Video file, Image File, Photo File

- COM port : You can synchronize your phone data with PC by using 'Linkus lite' program

  => Phonebook, SMS message, Image file, i-meldody file

! Note : Refer to additional manual 'Linkus lite' regarding Synchronization function.

8.2 Charging

Your phone is on charging status automatically while USB cable is being connected with PC.

9. Interfaces of 14pin connector

! Note : 14pin connector has a direction. Check whether the front side of the jacks of data cable, travel adaptor and earphone marked as 'right arrow' or 'top'. (In case of Data cable and Earphone, use inverse direction)

B. Basic Operation

1. Power On/Off

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

- To switch your phone on, press and hold down [Power/Camera] key on left side on the phone until you hear the power-on melody.
- To switch your phone off, press and hold down [Power/Camera] key on left side on the phone until you hear the power-off melody.

! Note : Some SIM card may be protected by PIN. If 'Enter PIN' message is prompted, enter your PIN and then press [Ok soft key]. For more details, please see Security Setting in 'Operation – Menu'.

2. Key lock

2.1 Full type of touch keypad

DB830 is adopting a full type of touch keypad on front side of the phone, so it has key-lock function to avoid unintentional key operation. Key-lock function is only to applied to the touch keypad on front side of the phone, not the key on left side of the phone.

2.2 Key lock

Key-lock function is on after no key input for 5 sec. To off key-lock, click volume key button on left side of phone twice.

	Key-lock mode	Un-lock the mode	
Normal status	No key input for 5 sec. or Press Camera key	Press camera key once	Return to normal status
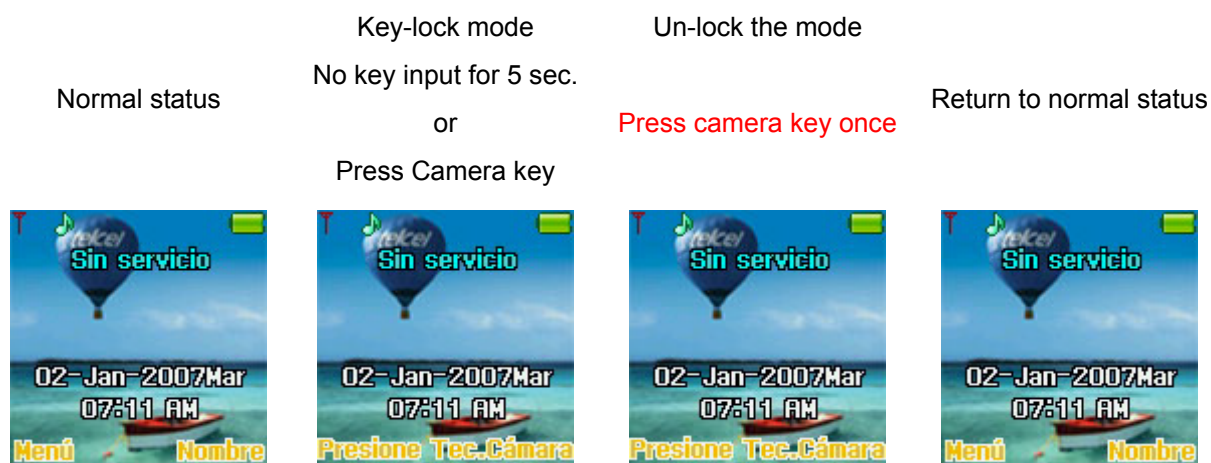
3. Call Function

3.1 Making a Call

To make a call with your phone, insure that phone screen is idle mode, then key in the area code and phone number using the numeric keys and press the Dial & Menu confirmation key.

You can hear the connect tone when the call is answered by the called person, if you set the Connect tone to ON.

3.2 Making International Calls

Press and hold the '' key twice to display **"+"** character.

Please Key in the country code, area code (without the leading zero) and the phone number. And then press the Dial & Menu confirmation key. The **'+'** tells the network that the call is international.

3.3 Edit Phone Number

Key	Description
Right Soft Key	**[Press]** Delete a digit on the left side of cursor **[Press and Hole]** Delete the whole digit
︿ ‹ › ﹀	Move cursor to the digit you want to edit

3.4 Using Phonebook

You can store the names and phone numbers dialed regularly in the SIM card and phone memory.

● See Phonebook List : If you want to go to the phonebook list, push right soft key, and then choose the name what you want to find using Navi-Up & Down keys. Push Dial key when you want to make a call or push left soft key to go to option menu.

● Search Phonebook : If you want to search phonebook list with special name, push navi-left key and select 'quick search' or 'search entry' menu, then enter the name what you want to find. Input full name or even a start letter and select "OK" menu. If there is the name you want to call, choose the name by moving navi-up & down key. Push Dial key when you want to make a call or push left soft key to go to option menu.

3.5 Making a Call from Message

You can make a call from message by pushing Dial & Menu Confirmation key when the message you want to call back is highlighted.

3.6 Redialing the last Number

The phone stores the last 20 numbers dialed. To recall any of these numbers, proceed as follows.

- Press the Dial key to display a list of the last numbers.
- Use Up & Down navigation keys to scroll through the numbers until the required number is highlighted.
- Dial the number highlighted

3.7 Ending a Call

When you have finished your call, press the Menu exit key.

3.8 Answering a Call

When you answer a call, the phone rings or vibrates according to the setting with the incoming call animation.

When the caller can be identified, the caller's phone number and name, if stored in phonebook, will be displayed. If the caller cannot be identified, only the caller's phone number will be displayed.

- If necessary, press the Dial & Menu confirmation key. If the **Any key Answer** option is set to **ON**, you can press any key to answer a call except for the power on/off key.
    - To reject an incoming call, press and hold the volume keys on the right side of the phone.
- End the call by pressing the Menu exit key.

3.9 Emergency Call

Ensure that the phone is switched on and in service.

Enter the emergency number (Official emergency number or another official emergency number) and press the Dial & Menu confirmation key. Give your location. Do not end the call until given permission to do so.

End the call by pressing the Menu exit key.

! Note : In the situation such as power-on that **Enter Lock Code** or **Enter PIN** is prompted, Some network may not allow the emergency call and may request to insert SIM card.

3.10 Entering a "Pause" Character in a Dial String

A pause ("**P**") character may be entered into a dial string by pressing the left special function key("*") two times.

3.11 Adjusting Earpiece Volume

During a call, you can adjust the earpiece volume by pressing up or down side of volume key on the right side of this phone. If you want to change keypad tone, press up side or down side of volume key in idle mode.

3.12 Using the Earphone

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

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

To answer another call while you are on the phone, you can answer the waiting call by pressing the hook button on the earphone.

4. Multimedia Function

4.1 Camera

If you want to take a video in your phone, choose the [Camera] menu in [Multimedia] menu.

- Select the [Camera] menu in [Multimedia] menu.
- If you want to save the image, press the camera key otherwise press back button

! Note: For more detailed information about this and other functions of camera, you can refer to the below menu (II Operation instruction => A. Menu Operation => 3. multimedia)

4.2 Video Recorder

If you want to take a video in your phone, choose the [Video Recorder] menu in [Multimedia] menu.

- Select the [Video Recorder] menu in [Multimedia] menu.
- Press the 'camera' key to take a video.

! Note: For more detailed information of the functions of camcorder, you can refer to the below menu (II Operation instruction => A. Menu Operation => 3. multimedia)

4.3 Video player

If you want to play Video file, please follow the procedure as below

- Select the [Video Player] menu in [Multimedia] menu
- Select the video file you want to play in the list.

! Note: For more detailed information of the functions of Video Player, you can refer to the below menu (II Operation instruction => A. Menu Operation => 3. multimedia)

4.4 Audio player

If you want to play AUDIO file, please follow the procedure as below

- Select the [Audio Player] menu in [Multimedia] menu
- Press NAVI-up key to play Audio file or press left soft key to enter Audio file list

! Note: For more detailed information of the functions of AUDIO Player, you can refer to the below menu (II Operation instruction => A. Menu Operation => 3. multimedia)

5. Text Input Mode

5.1 Text Input mode general

You can input and edit text by this phone.

- Write and edit a message (SMS/EMS/MMS)
- Enter Name (Phonebook)
- Search mode
- Write and edit the name of photo (Camera)
- Write and edit the name of bookmark and WAP profile (WAP)
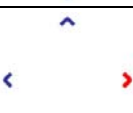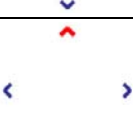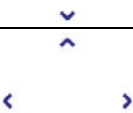
5.2 Text Input Methods

You can use 10 types of input mode as follows.
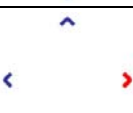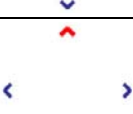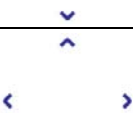
Mode	Screen (SMS write mode)	Mode	Screen (SMS write mode)
Multitap ABC		Multitap abc	
Smart ABC		Smart abc	
Multitap ES		Multitap es	

Smart ES		Smart es	
Numeric		Insert Symbols	
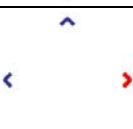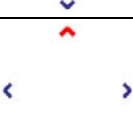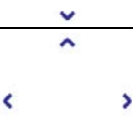
5.3 MultiTap English mode (ABC, abc)

Key	Description
Left Soft Key	[Option Soft Key] Go to option menu screen
Right Soft Key	[Press] Clear a character [Press and Hold] Clear the entire entry [Back Soft Key] Go back to the previous mode.
(left arrow)	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
(right arrow)	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
(up arrow)	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward
(down arrow)	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward
(end key)	Go back to the idle screen
0 ±	Insert a blank
1 ᴏᴏ	Insert symbols (. , - ? ! ' @ : # $ / _)
2 ABC ~ 9 WXYZ	Select English characters. Switch the character until the desired character is highlighted by pressing the alphanumeric key from 2 to 9.
*	Select Symbols.
#	Change input mode

5.4 Smart English mode (ABC, abc)

Key	Description
Left Soft Key	[Option Soft Key] Go to option menu screen
Right Soft Key	[Press] Clear a character [Press and Hold] Clear the entire entry [Back Soft Key] Go back to the previous mode.
(left arrow)	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
(right arrow)	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
(up arrow)	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward * When entering a word and highlighted, swap words in database.
(down arrow)	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward * When entering a word and highlighted, swap words in database.
(end key)	Go back to the idle screen
0 ±	Insert a blank
1	Insert stroke '.' , ':)' , ': -)'
2 ABC ~ 9 WXYZ	Select English characters. Switch the character until the desired character is highlighted by pressing the alphanumeric key from 2 to 9.
*	Select Symbols.
#	Change input mode

5.5 MultiTap Spanish mode (ES, es)

Key	Description
[Left Soft Key]	[Option Soft Key] Go to option menu screen
[Right Soft Key]	[Press] Clear a character [Press and Hold] Clear the entire entry [Back Soft Key] Go back to the previous mode.
‹ (left)	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
› (right)	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
^ (up)	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward
v (down)	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward
[End key]	Go back to the idle screen
0 ±	Insert a blank
1 oo	Insert symbols (. , - ? ! ' @ : # $ / _)
2 ABC ~ 9 WXYZ	Select Spanish characters. Switch the character until the desired character is highlighted by pressing the alphanumeric key from 2 to 9.
*	Select Symbols.
#	Change input mode

5.6 Smart Spanish mode (ES, es)

Key	Description
Left Soft Key	[Option Soft Key] Go to option menu screen
Right Soft Key	[Press] Clear a character [Press and Hold] Clear the entire entry [Back Soft Key] Go back to the previous mode.
(left)	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
(right)	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
(up)	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward * When entering a word and highlighted, swap words in database.
(down)	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward * When entering a word and highlighted, swap words in database.
	Go back to the idle screen
0	Insert a blank
1	Insert stroke '.' , ':)' , ': -)'
2 ABC ~ 9 WXYZ	Select Spanish characters. Switch the character until the desired character is highlighted by pressing the alphanumeric key from 2 to 9.
*	Select Symbols.
#	Change input mode

5.7 Numeric mode

Key	Description
Left Soft Key	[Select Soft Key] Accept the string entered on the edit screen [Option Soft Key] Go to option menu screen
Right Soft Key	[Press] Clear a character [Press and Hold] Clear the entire entry [Back Soft Key] Go back to the previous mode.
◀	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
▶	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
▲	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward
▼	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward
	Go back to the idle screen
□ ± ~ 9 WXYZ	Input numbers
✳	Select Symbols
#	Change input mode

5.8 Insert Symbols mode

Key	Description
Left Soft Key	Accept the symbol selected on the symbols screen, and then turns to the edit screen.
Right Soft Key	Back to the previous mode.
	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward
	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward
	Go back to the idle screen
✱	Enter insert symbol mode

6. Phonebook

You can store phone numbers and its corresponding names in the memory of your phone and SIM card. The SIM card and phone memories, although physically separate, are used as if they were a single entity, called phonebook.

6.1 Storing a Phone Number

As soon as you start to enter a number, press left soft key (Save) to store the number in the phonebook.

6.1.1 Key in the number to be stored. You can input the number up to 40 digits.

6.1.2 Select the storage from "To SIM" or "To Phone." You can also check how many you saved and total entries you can store in the storage.

6.1.3 Select a category to edit. To select the category, scroll to the category and press the [Edit] soft key .

- Name : Max. 30 English characters. Press [Edit] to input the characters.
- Number : Max. 40 digits. Enter digits by pressing alphanumeric keys.
- Home Number : Max. 40 digits. Enter digits by pressing alphanumeric keys.
- Company Name : Max. 30 English characters. Press [Edit] to input the characters.
- Email Address : Max. 60 English characters. Press [Edit] to input the characters.
- Office Number : Max. 40 digits. Enter digits by pressing alphanumeric keys.
- Fax Number : Max. 40 digits. Enter digits by pressing alphanumeric keys.
- Birthday : Input the birthday data
- Associate Picture : The phone will display the selected image when you have an incoming call. Select by pressing the navigation key to the right or left. You can select from 4 pre-defined images or select from file manager.
- Associate Video (Select from file / None): Allows you to select incoming call associate video when you receive a call from a person in the group. If you set both picture and video, the video will be displayed when you have a incoming call.
- Associate Sound : Select by pressing the navigation key to the right or left.
- Caller Group : 5 groups (Friends, Family, VIP, Business, Others) or none. Select a caller group by moving the navigation key. If you choose no group, the number is saved and displayed "None."

! Note: If you select the storage as SIM card, the edit category is limited to 'Name / Number / Associate Picture / Associate Sound / Caller Group'

6.2 Storing a Phone Number using the Phonebook Menu

6.2.1 Enter Phonebook menu on main menu screen.

6.2.2 Scroll to 'Add New Entry' and select it

6.2.3 Select the storage between "To SIM" and "To Phone."

6.2.4 Select a category to edit. To select the category, scroll to the category and press the [Edit] soft key   . This is same with "6.1 Storing a Phone Number" for selecting category, edit and save the entries).

6.3 Searching the phonebook list

6.3.1 From Idle Screen: Press the right soft key (name) on the idle mode

6.3.2 From Phonebook Menu : Scroll and select the following menus

● Quick Search : This menu shows the existing list and search window

● Search Entry : This menu only shows search window

II. Operation Instruction

A. Menu Operation

1. Call History

With this menu, 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.

1.1 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 . In the view screen, you can make a call to the number by pressing the Dial key.

There are 4 options in [Option] menu as following;

- Delete: Allows you to delete the record
- Save to Phone: 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

1.2 Received Calls

This menu lets you see the last 10 received calls.

In the list of received calls, you can view the details of the record by pressing the [Ok] soft key . In the view screen, you can make a call to the number by pressing the Dial key.

There are 4 options in [Option] menu as following;

- Delete: Allows you to delete the record
- Save to Phone: 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

1.3 Missed Calls

This menu lets you view the last 10 missed calls.

In the missed calls list, you can view the details of the record by pressing the [Ok] soft key . In the view screen, you can make a call to the number by pressing the Dial key.

There are 4 options in [Option] menu as following;

- Delete: Allows you to delete the record
- Save to Phone: 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

1.4 Delete Call Log

This menu lets you delete all call data of each category at once.

There are 4 categories of call as following.

- All Calls : Allows you to delete all calls data
- Dialed Calls : Allows you to delete all dialed call data
- Received Calls: Allows you to delete all received call data
- Missed Calls : Allows you to delete all missed call data

1.5 Call Time

This menu lets you view the timers for calls made and received. The following timers are available.

- Last Call Time: length of the last call
- Total Sent: total length of all calls made since the last reset
- Total Received: total length of all calls received since the last reset.
- Reset All Time: Allows you to reset the call timers

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

1.6 Call Cost

You can view the cost of the last call, or of all calls. Costs are shown only if your network operator supports this service. The following 5 options are available.

- Last Call Cost: Allows you to check the cost of the last call.
- Total Cost: Allows you to check the cost of all calls.
- Max Cost: Enter PIN2 and input a limitation of the Max Cost.
- Reset Cost: Allows you to reset the call 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.

1.7 SMS Counter

You can view the numbers of sent and received SMS.

1.8 GPRS Counter

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

- Last Sent: Allows you to view the last send GPRS Messages.
- Last Received: Allows you to view the last received GPRS Messages.
- All Sent: Allows you to check the numbers of All GPRS messages sent.
- All Received: Allows you to check the numbers of All GPRS messages received.
- Reset Counter: Allows you to reset the GPRS Counter.

2. Phonebook

Phonebook offers phonebook storage, management and services. You can access to the phonebook from idle screen, phonebook menu, and message writing modes.

From Idle screen, press the [Name] soft key, it will display the phonebook data sorted by name in your SIM Card and phone memory.

2.1 Quick Search

When you select the Quick Search in the Phonebook menu, you will see all entries saved in the phonebook. This function allows you to search the phonebook data by name; simply type in alphabet(s), the phone will show you the search result dynamically.

From the phonebook list, the following options are available

- View: allows you to view the entry's contents such as name, number and so on.
- Edit: allows you to edit the entry items.
- Delete: allows you to delete the entry.
- Copy: allows you to copy the entry from SIM to Phone or Phone to SIM. You will have the same entry in a different storage. (SIM + Phone)
- Move: allows you to move the entry from SIM to Phone or Phone to SIM. The entry will be stored in the original storage. (SIM → Phone, Phone → SIM)
- Duplicate: allows you to duplicate the entry in the same storage. You will have the same data in the same storage. (SIM+SIM, Phone+Phone)
- Send vCard : allows you to send the selected phonebook data as vCard format via SMS/MMS/Bluetooth and save it as file.

2.2 Search Entry

When you select the Search Entry, after storing numbers to the phonebook, you can search them by Name.

1.2.1 Enter a name you want to search in the text input box. Input full name or even a start letter and press the [Option] soft key and select 'Search'.

1.2.2 If there is a name, you want to call, choose the name by moving up & down the navigation key.

1.2.3 Press the Dial key to make a call. However, if there is more than one entry in the selected name, it will display a list. Then you may select one entry and press the Dial key to make a call.

The following options are available.
- View: allows you to view the entry's contents such as name, number and so on.
- Edit: allows you to edit the entry items.
- Delete: allows you to delete the entry.
- Copy: allows you to copy the entry from SIM to Phone or Phone to SIM. You will have the same entry in a different storage. (SIM + Phone)
- Move: allows you to move the entry from SIM to Phone or Phone to SIM. The entry will be stored in the original storage. (SIM → Phone, Phone → SIM)
- Duplicate: allows you to duplicate the entry in the same storage. You will have the same data in the same storage. (SIM+SIM, Phone+Phone)
- Send vCard : allows you to send the selected phonebook data as vCard format via SMS/MMS/Bluetooth and save it as file.

2.3 Add New Entry

You can add the new entry to SIM or Phone memory.

Please see [Storing a Number using the Phonebook Menu].

2.4 Caller Group

There are 5 kinds of Caller Groups and you can edit each Caller Group profiles as following.
- Group Name: Friend, Family, VIP, Business and Others. You can edit the group name and press the [Option] soft key   and select "Done" to save the changes.
- MIDI (MIDI 1 ~15 / Select from file / None) : Allows you to select the ring tone to be used when you receive a call from a person in the group. Scroll left and right with the navigation keys.
- Picture (Picture 1~4 / Select form file / None): The phone will display the selected image when you have an incoming call. Select by pressing the navigation key to the right or left. You can select from 4 pre-defined images or select from file manager.
- Associate Video (Select from file / None): Allows you to select incoming call associate video when you receive a call from a person in the group. If you set both picture and video, the video will be displayed when you have a incoming call.

- Member List: After storing numbers in the phonebook, you can search them by Group. You can add or delete member(s) to the group member list. Press [Ok] soft key then select "Add," it will display a phonebook list excluding the members already in the group.

2.5 Speed Dial

You can have 8 number of the speed dial.

- Enable Speed Dial (On/Off) : You can choose to enable or disable the speed dial
- Set Number : You can set the speed dial from the number 2 ~ 9 keys. Press [Option] soft key, and select "Edit" and select the entry from the phonebook list.

2.6 Owner Number

You can display your mobile phone number. Press [Option] soft key, you can edit owner's name and phone number or erase it.

2.7 Extra Number

You can view and edit Service Dial number and SOS number.

- Service Dial Number: lists up the SIM SDN (Service Dial Number) and allows you to access to the number.
- SOS Number: lists up the SOS Number.

2.8 Management

You can view and edit the management for the Phonebook as following.

2.8.1 Preferred Storage

You can set your preferred storage either to SIM or to Phone as default storage in the phonebook.

2.8.2 Fields

There are ten fields that you can set on or off in your phonebook entry.

Press the left soft key to turn on or off the field.

- Home Number
- Company Name
- Email Addres
- Office Number
- Fax Number
- Birthday
- Associate Picture

- Associate Video
- Associate Sound
- Caller Group

2.8.3 Copy All

You can copy all phonebook data from SIM card to Phone or from Phone to SIM. It is a useful function if you want to back up your phonebook data from a SIM card to your phone and vice versa.

2.8.4 Delete

You can delete all phonebook data in SIM card or Phone. In addition, you can delete the phonebook data one by one.

2.8.5 My vCard

You can edit your own vCard and send it via SMS/MMS/Bluetooth or save it as file.

2.8.6 Memory Status

You can check how many phonebook data are stored in the phone book (SIM card and phone memories) or how much free space is remained.

2.9 Caller Picture

You can assign your selected image file to the following entries by browsing file manager.

    a. To New Entry

    b. To Selected Entry

    c. To Caller Group

2.10 Caller Ring Tone

You can assign your selected video file to the following entries.

    a. To New Entry

    b. To Selected Entry

    c. To Caller Group

2.11 Caller Video

You can assign your selected video file to the following entries by browsing file manager.

    a. To New Entry

    b. To Selected Entry

    c. To Caller Group

B. Trouble Shooting

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

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

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

The PIN check is currently enabled.

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

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

Please check that your SIM card is inserted adequately.

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

Your phone is phone locked.

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

4. No Service appears.

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

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

You need to check the Silence Mode setting.

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

You need to check Profiles menu.

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

You need to check the Silence Mode setting.

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

You need to check Profiles menu.

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

You need to check the Silence Mode setting.

8. If an outgoing call is not made.

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

9. If an incoming call is not made.

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

10. If an outgoing SMS message is not sent.

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

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

You need to check the Silence Mode setting.

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

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

You need to check Silence Mode setting.

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

C. Safety Information

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

1. Everyday Use of Your Phone

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

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

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

2. Using Your Phone in a Vehicle

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

Give full attention to driving – driving safely is your first responsibility.

Use Hands-free Kit, if available.

If you have those kits make sure it is done pre-programmed numbers where possible, and keeping calls brief and to a minimum.

If you don't have a Hands-free Kit, pull off the road and park your vehicle before making or answering a call in driving conditions so require.

3. Non-ionizing Radiation (exposure to Radio Frequency Signals)

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

4. Pacemakers

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

Always keep your phone at least 20 cm (6inches) from your pacemakers when the phone is switched on.

Do not carry your phone in your breast pocket.

Use the ear opposite the pacemakers to minimize the potential for interference.

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

5. Hearing Aids

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

6. Other Medical Devices

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

7. Operating Environment

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

8. Aircraft Safety

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

9. Explosive Atmospheres and Materials

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

10. For Vehicle Equipped with an Air Bag

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

11. Battery Charging

Do not charge the phone without the battery in place.

D. FCC RF Exposure Information

WARNING! Read this information before using your phone

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters.
Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

CAUTION: Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.
Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Body-worn Operation

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. BIP-5000 Device (FCC ID : U2UDB830) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.426 W/kg and when properly worn on the body is 0.912 W/kg.

E. FCC compliance Statement

FCC NOTICE: This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This devices may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

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 generate, 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 on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

F. Glossary

Cell Broadcast

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

CUG (Closed User Group)

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

DTMF (Dial Tone Multi Frequency)

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

FCC (Federal Communications Commission)

The Federal Communications Commission (FCC) is an independent United States government agency, directly responsible to Congress. The FCC was established by the Communications Act of 1934 and is charged with regulating interstate and international communications by radio, television, wire, satellite and cable. The FCC's jurisdiction covers the 50 states, the District of Columbia, and U.S. possessions.

GSM

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

GPRS

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

Network Service Operator

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

MMS (Multimedia Message Service)

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

AUDIO

AUDIO (MPEG-1 Audio Layer-3) is a standard technology and format for compression a sound sequence into a very small file (about one-twelfth the size of the original file) while preserving the original level of sound quality when it is played

PIN (Personal Identification Number)

The code is to establish authorization for access to certain functions or information in your SIM card. The PIN code comes with your subscription. It may be a four to eight digit number and can be changed as required.

PIN2 (Personal Identification Number 2)

The code is an authorization code to access certain special field in your SIM card. The PIN2 code

does not come with your subscription in some country.

Roaming

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

SAR (Specific Absorption Rate)

A measure of the amount of radio frequency energy absorbed by the body when using a mobile phone.

SIM (Subscriber Identity Module)

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

SMS (Short Message Service)

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

WAP (Wireless Application Protocol)

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