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PACKAGE INCLUDES

Thank you for purchasing this product.
Please check the product contents by comparing them with following pictures.



Handset



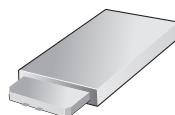
Warranty Card



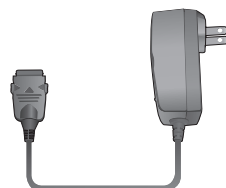
User Manual in English



Battery Cover



Battery



Travel Charger

HANDSET DESCRIPTION



FUNCTION KEYS

Key - Board Arrangement	Digit Keys	
		To enter Telephone Numbers. To enter letters and symbols [] : To turn manner mode on/off by pressing and holding. [] : To turn lock mode on/off by pressing and holding.
	Function Keys 	
		To function as shown on the softkey
		To originate or receive a call. To enter call history list directly.
		To terminate a call and to turn the phone ON/OFF.
		To enter SMS menu. Also used as left arrow key.
		To enter My menu. And also used for as right arrow key.
		To confirm operation. To activate BREW.
		To activate VAD by pressing the key. To toggle speaker mode on/off by pressing & holding. And also used for upper arrow key.
Side Keys		To enter Quick search list directly. And also used as down arrow key.
		To clear digits and letters from the display in edit mode or return to previous mode. To activate voice memo by pressing and holding.

LCD DISPLAY

Top Line on Main LCD

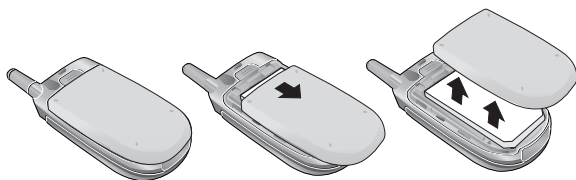
Icons	Descriptions
	Received signal strength bar.
	No service area.
	In call state.
	Vibrate alert mode on.
	Silence alert mode on.
	Alarm has set
	Phone is roaming state
	Speaker Phone mode
	Phone is TTY mode.
	Phone is emergency mode.
	Network Out of Amps mode
	1x Network
	Unread text message is existed. Urgent unread message: Blinking Normal unread message: Keep turn ON No unread message: turn OFF
	Unread voice message is existed.
	Unread text and voice message is existed.
	Battery level.

USING THE BATTERY

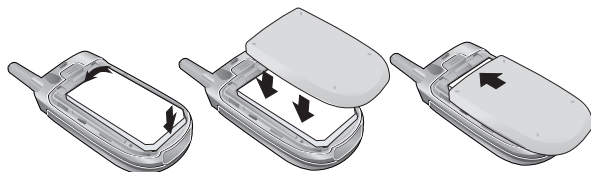
INSTALLING THE BATTERY

As shown in the picture below, put the metal locators of the battery into the holes located in the bottom of the unit.

- 1 Insert the metal locators of the battery into the hole located in the bottom of the unit.



- 2 Press the Upper part of the battery until the sound of a 'click' is heard.



NOTE

The battery must be correctly placed in the battery compartment.
If battery is incorrectly inserted, the handset will not turn on or the battery may slip out during use.

USING THE BATTERY

CHARGING THE BATTERY

POWER CONNECTION

- 1 Connect the charger to a standard 100~240 VAC Outlet.

LED Off : No battery

LED Blinking (500msec) : Battery fault.

The temperature of battery is abnormal.

LED Blinking (1sec on, 3 sec off) : Normal Charging.

Service Light : Charging completed.

WARNING!

In case of instant electric power interruption, the travel charge may not function properly.

In this case, please disconnect the travel charger from the wall outlet and then try charging again after 5 seconds.

USING THE BATTERY

BATTERY LEVEL INDICATOR

- 1 You can always monitor the battery charge condition with the constant battery level indicator. The number of blocks indicates the battery conditions as follows;



Full charge



Low charge



Flashing indicates discharged.

POWER MANAGEMENT

Battery	Mode	Talk Time	Standby Time
Lithium Ion 800 mAh	Digital	160~210 min	45~140 Hour
	Analog	70~90 min	11~13 Hour

(The criteria of measurement is in accordance with our internal specification.)

The operating times are approximate values and may vary depending on network configuration and handset usage.

BASIC OPERATION

TURNING THE PHONE ON

- 1 Press and hold [] key till Power LED is turned ON.

TURNING YOUR PHONE OFF

- 1 Press and hold the [] key to turn your phone off.

MAKING A CALL

- 1 Press and hold the [] key to turn your phone on.
- 2 In idle mode, enter the phone number with the area code. Press the [] key to make a call.
(A maximum of 32 digits will be displayed.)

- To Correct a Number
Press [] to clear the last digit.
Press and hold [] to erase all the digits entered.
- If the Call Fails to Go through
Press [] and [] to redial the number.

BASIC OPERATION

ENDING A CALL

- 1 If you wish to cancel or disconnect a call, press the [] key or close flip.

LAST NUMBER REDIAL

- 1 Press [] the outgoing call list will be displayed.
- 2 Press [] key on selected number in listed outgoing call history.

SPEED DIALING

If you know the phonebook address of the telephone number that you want to calls.

- 1 Enter the one or two or three digits of your Phonebook address and hold down the last digit. (1 to 9 or 10 to 99 or 100 to 500).

NOTE

If two telephone numbers are stored in the address, the Primary Number will be dialed.

BASIC OPERATION

EMERGENCY CALL

This feature permits you to place an emergency call even if your phone is in "Phone Lock" or "Restrict" mode when you dial the preprogrammed emergency number, 911, #911, or *911. It also operates in out of service area. The phone maintains the emergency mode until user press [] key after disconnecting emergency call. In the emergency call mode, the phone can receive an incoming call from any available system. However it can't make a normal call.

Example : To Call "911" in "Phone Lock" or "Restrict" mode.

1. Enter [ ,  , ].
The "911" will be displayed.

2. Press [].
The "911", "Emergency" will be displayed.

ANSWERING A CALL

- 1 When the phone rings a melody or vibrates, the screen will display the name or telephone number of the caller, provided that you have been subscribed to your telecommunications service provider for such service. The caller's name will be displayed only when his/her telephone number and name are archived in the Phone Book. If you wish to answer a call in normal mode, simply press the [] key.

BASIC OPERATION

CALLER ID WITH NAME

This feature allows you to preview in your display the number and name of the party calling you before you answer the call. The name is as you programmed it in your phonebook.

- 1 When the phone rings, the calling number appears in the display.
- 2 The last 20 Caller ID's are stored in the memory for your review and redial.

NOTE

"Number Restricted" or "Number Unavailable" is displayed when the Caller ID is restricted or not available.

ADJUSTING THE EARPIECE VOLUME

- 1 During a call, if you wish to adjust the earpiece volume, use the volume key on the side of the phone to select the desired level from the 8 different volume levels.

TO VIEW CALL HISTORIES

- 1 To view outgoing calls, incoming calls, missed calls history :
[] + [] / []

BASIC OPERATION

CALL WAITING

Your service provider may provide Call Waiting service. When you are on a call, you may hear a beep tone alerting you of another incoming call. Your phone displays "Call Waiting" and the new caller's name and number. The name is as you programmed it in your phonebook.

- 1 Press [] to answer the new call.
- 2 Press [] again to switch between the two calls.

STORING A PHONE NUMBER

The phone book stores up to 500 names, each with up to 3 different phone numbers.

- 1 Enter a phone number you want to store and press [].
- 2 Use the navigation key to select the phone type: home/work/mobile and press [] or [].
- 3 Press [] [] enter a name edit mode.
To change T9 mode, press [] and select text input method menu among Symbols, 123, Abc, T9 Portuques, T9 Spanish and T9 English by pressing [].
After writing name and phone numbers, press [].
- 4 To confirm it, press [] to save.

The following illustrates how to utilize the available functions for each assigned key:

KEY	FUNCTION
 Space	Press once to accept a word and add a space.
 Mode	Press to select the letter case of the standard text input or [Abc], [Symbols], [123], indicate standard text input.
	Press [] to change text input mode as blew. 1. T9 Portuques :T9 Po -> T9 PO ->T9 po T9 Spanish : T9 Sp -> T9 SP ->T9 sp 2. T9 Eng:T9 En->T9EN -> T9 en 3. ABC:Abc>ABC->abc
 Clear	Press once to delete a character to the left of the cursor or press and hold to delete all characters.
 Left,Right	To move the cursor.
	To set next word at T9 mod.

STORING A PHONE NUMBER

Input the letters you want to enter using the keypad as follows:

You can change the input mode by pressing  .

Keypad	1	2 ABC	3 DEF	4 GHI	5 JKL	6 MNO	7 PQRS	8 TUV	9 WXYZ	0
1 Time	.	a	d	g	j	m	p	t	w	0
Repetitions 2 times	,	b	e	h	k	n	q	u	x	
Repetitions 3 times	-	c	f	i	l	o	r	v	y	
Repetitions 4 times	?	ç	é	í	5	õ	s	ú	z	
Repetitions 5 times	!	ã	ê	4		ó	7	ü	9	
Repetitions 6 times	'	á	3			ô		8		
Repetitions 7 times	@	à				ñ				
Repetitions 8 times	:	â				6				
Repetitions 9 times	1	2								

With T9 Text Input you can enter text on your mobile phone using just one key press per letter.

Example: for entering "meeting"
press: 6, 3, 3, 8, 4, 6, 4

SOUND

BELL / VIBRATE

This feature is used to select the receive type between bell, or vibrate.

1 Press [].

2 Press [], then [].

Select the parameter by using the navigation key.

- Bell : Bell ringing and Lamp is blinking.
- Vibrate : Vibrating and Lamp is blinking.
- Vib / Bell : Vibrating first 2 time and then ringing.
- Lamp only : Lamp is blinking.

NOTE

- Conditions in Vibrate mode.
Incoming call received : Activate vibrate
New Text Message received : Activate vibrate
New Voice Mail Notification : Activate vibrate
Service Mode Alert : Use beep
Schedule, Alarm : Activate vibrate
Other. : Beep

3 Press [] to save it.

SOUND

RING TYPE

This feature is used to select the ring type the user wants.

1 Press [].

2 Press [], then [].

Select the parameter by using the navigation key.

To listen the ringer tone :

Scroll and down in selection list.

- Classic Bell : Lake, Waltz, Spring, Skate Waltz, Carmen, Turkischer, Chorus, La Paloma, Pathetic Sym, Joy to World, Noel, Hungari Dance, Jingle Bell, Serenade, Pastoral,
- My Bell : Select File
- Create Bell : Analog, Effect01, Funny Park, Western, Chinese Song, Fanatstic, Orgol, Duck, Country, Tap Dance, Seashore, Comic

3 Press [] to save it.

DTMF LENGTH

This feature select sending DTMF tone length when user press digit key in calling state.

1 Press [].

2 Press [], then [].

Select the parameter by using the navigation key.

- Normal : Send DTMF until release the digit key. (Max 2 sec.)
- Long : Send DTMF in 150msec.

3 Press [] to save it.

SOUND

VOLUME CONTROL

Adjust ringer volume.

If volume is set to "0"(mute), silence icon is appeared except for etiquette mode.

1 Press [].

2 Press [], then [].

Select the parameter by using the navigation key.

- Bell Volume : Adjust the bell volume.
- Earpiece Vol : Adjust the earpiece volume.
- Key Volume : Adjust the key volume.

3 Press [] to save it.

CONNECT TONE

This function beep a tone when call has been connected.

1 Press [].

2 Press [], then [].

Select the parameter by using the navigation key.

- On
- Off

3 Press [] to save it.

SOUND

FADE TONE

This function beep a tone when call has been disconnected.

1 Press [].

2 Press [], then [].

Select the parameter by using the navigation key.

- On
- Off

3 Press [] to save it.

MINUTE BEEP

This function beep a tone when every minute during a call.

1 Press [].

2 Press [], then [].

Select the parameter by using the navigation key.

- On
- Off

3 Press [] to save it.

DISPLAY

LIGHT SETTING

This function adjusts lighting time.

- 1 Press [].
- 2 Press [], then [].

Select the parameter by using the navigation key.

- LCD Time : Adjust the main screen lighting time.
(10, 20, 30 seconds, Flip open)
- Light Level : On, Off
- Keypad Light : Adjust the keypad lighting time.
(10, 20, 30 seconds, Flip open)

- 3 Press [] to save it.

DISPLAY

MAIN SCREEN SET

1. Animations

To select your favorite LCD display in the following modes.

- 1 Press [], [].
- 2 Press [], then [].
Select the parameter by using the navigation key.

- Idle
- Outgoing calls
- Incoming calls
- Power On
- Power Off

- 3 Press [] to save it.

NOTE

If animation is set on idle, it affects for the standby time.

2. Wallpaper

This function is to select wallpaper on each state.

- 1 Press [], [].
- 2 Press [], then [].
Select the parameter by using the navigation key.

- Idle animation
- Still image 1 ~ 12
- Calendar

DISPLAY

- 3 Press [] to save it.

NOTE

When, Calendar is selected, M223 greeting message display is offed.

3. Greeting

To input a personal greeting on edits an existing one.

- 1 Press [], [].
- 2 Press [], then [].
- 3 Press the navigation key to edit the greeting.
- 4 Press [].
- 5 Select the greeting message display On/Off.
Select the greeting message slide On/Off.
Select the background color by using the navigation key.
- 6 Press [].
- 7 Move the greeting message by using the navigation key.
- 8 Press [] to save it.

NOTE

You can enter a banner up to english 16 charaters long.

DISPLAY

4. Clock

This function is to select clock mode on each state.

- 1 Press [], [].
- 2 Press [], then [].
Select the parameter by using the navigation key.
- 3 Press [] to save it.

NOTE

Idle image가 Calendar인 상태에서는 Clock설정이 불가능함.

DISPLAY

SUB SCREEN SET

1. Screen

Select wallpaper of sub screen.

- 1 Press [], [].
- 2 Press [], then [].
Select the parameter by using the navigation key.
- 3 Press [] to save it.

2. Clock

Select clock type of sub screen.

- 1 Press [], [].
- 2 Press [], then [].
Select the parameter by using the navigation key.
 - Digital
 - Analog
- 3 Press [] to save it.

DISPLAY

CONTRAST SET

This function adjusts main screen contrast level.

1. Main Screen

- 1 Press [].
- 2 Press [], then [].
Press [Navigation] key on the "Main Screen" line to change back light level.
- 3 Press [] to save it.

2. Sub Screen

- 1 Press [].
- 2 Press [], then [].
Press [Navigation] key on the "Sub Screen" line to change back light level.
- 3 Press [] to save it.

DISPLAY

LAMP SETTING

Blinking call LED when the phone in the service area.

1 Press [].

2 Press [], then [].

Select the parameter by using the navigation key.

- Incoming call
- Incoming SMS
- Service Light
- Alarm

3 Press [] to save it.

NOTE

Can be reduced the standby time, when service light is on.

1. Incoming call lamp is checked by alert type setting, when alert type is changed to lamp only.
2. Incoming call lamp can't change setting value, when alert type is lamp only mode.
3. Incoming SMS Lamp is checked by alert type setting, when alert type is changed to lamp only.
4. Incoming SMS lamp can't change setting value, when alert type is lamp only mode.

VOICE

ANS. MACHINE

The user can also overhear the recording and can choose to accept or reject the call.

1. Setting

1 Press [], [].

2 Press [], then [].

Select the parameter by using the navigation key.

- Set Bell Time : (Off, Immediately, 5sec, 10sec)
- Set Greet Voice : (Common, User, Driving, Meeting)
- Set Greet Rec

In Greet Voice menu

Select voice comment to be used when answering machine is activated.

Listen the prompts by pressing [] except for user prompt.

In Greet Record menu

Record user comment to use as answering machine greeting.

Press [], [] then [].

Record the user prompt by pressing [].

3 Press [] to save it.

VOICE

2. Listening

- 1 Press [], [].

- 2 Press [], then [].
Select the parameter by using the navigation key.

NOTE

The sum of all recorded voice from voice memo, answering machine, answering machine greeting and sound is limited to 4 minutes totally.

VOICE MEMO

Play the recorded voice memos and record new voice memos

- 1 Press [], then press [], then press [].

- 2 Select the parameter by using the navigation key, then press [].

- Enables you to record a message (by holding []key) either in idle mode or during a call.

NOTE

The sum of all recorded voice from voice memo, answering machine, answering machine greeting and sound is limited to 4 minutes totally.

VOICE

VAD (Voice Activated Dailing)

List up all voice dial linked phonebook record.

- 1 Press [], then press [], then press [].
VAD is listed and choose any parameter you want, by using navigation key [], [].

- 2 Press []keys, to retrain phone voice dailing, then press [].

Only VAD list is displayed.

(Not all stored phonebook choose any parameter you want to edit, then press [] or [] to edit.)

- 3 To use voice dial, press VAD[] key shortly then say recorded name in standby mode.

NOTE

- If you didn't add voice dial on phonebook, main display will show
- To register voice dial name, see phonebook.
- If you use voice dial in noisy place or public place voice dial may be not activated due to noise, we reconmend that you use voice dial on the place where you can make enough your personal voice.

DIARY

ALARM

Sets alarm time.

1 Press [].

2 Press [], then [].

1. Quick Setting

This allows user to set alarm time quickly.

1 Press [], [], [], [].

2 Press [Navigation] key to change the timer value and press [] to start.
The icon [] will appear.

3 When the time expires, the alarm will ring and disappear alarm [] after alarm ringing.
Press any key to stop ringing.

4 Press [] on quick setting screen or select "off" on quick setting screen to cancel quick setting.

DIARY

2. Personal Setting

In call state, the alarm does not be notified.
And notified after just call ended.

1 Press [], [], [].

2 Press [Navigation] key to select alarm and then press [] Key to delete the alarm or press [] to edit the alarm.

3 Press digit keys to change the value of Date&Time.
Press [], [] keys to change the value of Repeat, Remind & Melody.
Press [Navigation] keys to move to item which user wants to change to.

NOTE

The phone does not provide a clock IC, but displays the date and time based on the information from the digital CDMA network. Therefore the date and time will not be displayed, while the phone is out of the service area or operates on the analog mode after the phone is turned on. The clock alarm, schedule alarm are NOT available as long as the date and time are not displayed.

DIARY

SCHEDULE

Sets an event or anniversary in the phone and reminds you through time setting when the time comes.

- 1 Press [].
- 2 Press [], then [], and press [] to display the list of all schedules or press [] to display the list of schedules for selected date.

1. Search Schedule

- 1 Press [Navigation] key to select schedule and then press [] key to delete the schedule or press [] to edit the schedule.

2. Record Schedule

Records schedule time and contents.

- 1 Press digit keys to change the value of Date&Time.
Press [], [] keys to change the value of Repeat, Remind & Melody.
Press [Navigation] keys to move to item which user wants to change to.

NOTE

User cannot record the 11th schedule. In order to record the more schedule, user have to erase existed schedule so that no. of schedule is lower than 10 schedule.

DIARY

D-DAY

- 1 Press [].
- 2 Press [], then [].
Press [Navigation] key to select d-day and then [] to record d-day.

1. Record D-day

Records the designated day to count down.

- 1 Press digit keys to change the value of To.
Press [Navigation] keys to move to item which user wants to change to.

- 2 Press [] to delete the present d-day.

2. Delete

Deletes all d-days.

- 1 Press [], [], [], [].
- 2 Press [] to cancel or press [] to delete a d-days.

DIARY

MEMO

- 1 Press [].
- 2 Press [], then [].
- 3 Press [Navigation] key to select memo and then [] to reord memo.

1. View Memo

Views registered memo.

- 1 Press [] in memo list.
- 2 Press [] to delete the memo or press [] to edit the memo.

2. Record Memo

Records Memo.

- 1 Press [] to save the memo.
 - Press [] to enter text mode.

3. Delete

Deletes all memo data.

- 1 Press [], [], [], [].
- 2 Enter Lock Code.
- 3 Press [] to cancel or press [] to delete a memo.

DIARY

WORLD TIME

Displays current time of cities.

- 1 Press [].
- 2 Press [], then [].
- 3 Press [Navigation] key to change the city.

Honolulu, Vancouver, Los Angeles, Denver, Chicago, Mexico City, Toronto, New York, Sao Paulo, London, Paris, Athene, Nairobi, Moscow, New Delhi, Bangkok, Beijing, Hong Kong, Seoul, Tokyo, Sydney, Auckland.

Dual Time Display

Dual Time will be displayed in case of Digital Clock Idle Mode.

- 1 Press [] [] [] [].
- 2 Press [] to display selected city & time on idle screen.
Press [] to display dual time.
Press [] not to display dual time.

NOTE

If MS is analog mode or out of service area when power up, world time is not worked correctly.

If world time is seted, it is appeared in greeting text position. Greeting text is disapperd.

DIARY

STOP WATCH

This function allows you to use your phone as a stopwatch.
The stopwatch displays time in hours, minutes, seconds and milliseconds.

- 1 Press [].
 - 2 Press [], then [].
- [] Start / Stop.
[] Spilt /Init/Back.



CALCULATOR

This function allows you to use your phone as a calculator.
This calculator will perform basic mathematic functions
(addition, subtraction, multiplication, division).

- 1 Press [].
- 2 Press [], then [].
- 3 Press number keys to input number, press [], [], [],
[] for +, -, /, × press [] key for point, and press []
key for prefix minus sign press [] key for all clear and
[]key for calculation.

EXAMPLE

To calculate $128 \times 32 =$

1. Enter 128
2. Press []
3. Enter 32
4. Press []

DIARY

CONVERT UNIT

This function allows you to convert unit in your phone.

- 1 Press [].
- 2 Press [], then [].
 - 1. Length
 - 2. Weight
 - 3. Volume
 - 4. Area
 - 5. Temperature
 - 6. Speed
- 3 Press [] or [] to change the unit item (1~6) and
press [] or press [] ~ [].
press [] or [] to change the unit of that kind
(km, m, cm...)



Press (CLR) to clear the digits.

SETTINGS

SECURITY

Prevents others from using the phone without permission and allows an access to a security features only after password input.

- 1 Press [].
- 2 Press [], then [].

The default Lock Code is "0000"

1. Security Mode

To set security mode.

- 1 Press [ ,  , ] and enter "password".
- 2 Press [].

Select "Off", "Always", "Now" or "Power On" and then.

- off : Normal phone mode.
- Always : Go to lock mode immediately.
- Now : Go to lock mode now. If user input lock code by some reason such as menu entering, phone is unlocked.
- Power on : Go to lock mode when the phone is powered up. If user input lock code by some reason such as menu entering, phone is unlocked.

- 3 Press [].

SETTINGS

2. Change PWD

Changes your 4-digit password.

- 1 Press [ ,  , ] and enter "password".
- 2 Press [] to select.
- 3 Enter a new password and press [].
Enter a new password again and press [].

3. Privacy Lock

This function enables locking each function separately.

- 1 Press [ ,  , ] and enter "password".
- 2 Press [] and select "Off", "On" by using navigation key [] [] on each items.
To save, press [] or [].

4. Call Restrict

User cannot make a call as selected restriction mode.

- 1 Press [ ,  , ] and enter "password".
- 2 Press [] and select "Off", "On" by using navigation key [] [] on each items.
To save, press [] or [].

SETTINGS

5. Initialization

Reset phone configuration to factory default values.

- 1 Press [ ,  , ] and enter "password".
- 2 Press [].
- 3 Select "Yes" or "No" with the Navigation key Press [].

CALL ANSWER

Automatically answer the phone when user opens the folder.

- 1 Press [].
- 2 Press [], then [].
 - Press Key
 - Folder Open
 - Auto Answer
- 3 Press [].

SETTINGS

CALL TIMES

To help you manage your calls, your phone is equipped with several Call Timers.

- 1 Press [].
- 2 Press [], then [].

1. Total Calls

Total usage time and the number of calls (resettable)

- 1 Press [ ,  , ].

2. Last Calls

Time of Last Call (only 1 call)(non-resettable)

- 1 Press [ ,  ,  , ].

3. Incoming Calls

Total time of Incoming Calls and the number of calls (resettable)

- 1 Press [ ,  ,  , ].

4. Outgoing Calls

Total time of Outgoing calls and the number of calls (resettable)

- 1 Press [ ,  ,  , ].

SETTINGS

CALL INFO

This function notifies you of who's calling by displaying that person's phone number. If the caller's name and number are stored in your phonebook, the name and number from the memory location are displayed.

- 1 Press [].
- 2 Press [], then [].



1. Info Display

Enable/Disable calling line identification number showing at incoming call state.

- 1 Press [], [], [], [].

Enter password [****].

- 2 Select on/off for Caller Phone and Caller Name.

Caller Phone : Restrict phone number of caller.

Caller Name : Restrict name of caller include
phonebook referencing.



SETTINGS

2. Call Waiting

MS can enable/disable incoming call access during conversation state.

- 1 Press [], [], [], [].
- 2 Select on/off for Call Waiting



3. Call Forward

MS to forward incoming call to another preset phone number as selected condition.

- 1 Press [], [], [], [].
- 2 Select Busy/No Answer/Always/Default.



Busy : Call forward at busy.

No Answer : Call forward at no answer.

Always : Call forward always.

Default : Call forward at busy or no answer.

SETTINGS

T9 SETTING

- 1 Press [].
- 2 Press [], then [].

Select T9 setting for your default text input mode.

- Abc
- 123
- T9 Spanish
- T9 French
- T9 English

LANGUAGE

This function changes the language of the phone.

- 1 Press [].
- 2 Press [], then [].

Select the parameter by using the navigation key.

- English
- Español
- Français

- 3 Press [].

SETTINGS

OWN PHONE NO

This allows user to confirm their own Tel No.

- 1 Press [].
- 2 Press [], then [].
It displays user's own phone no. for about 1 Min.

SYSTEM

This function changes the language of the phone.

- 1 Press [].
- 2 Press [], then [].

Select the parameter by using the navigation key.

1. Change NAM

- 1 Press [].
- 2 Press [] [] [].

Select the parameters by using navigation key.

- NAM 1
- NAM 2

- 3 To save, press [].

SETTINGS

2. Set Mode

Select preferred system..

- 1 Press [].
- 2 Press [] [] [].

Select the parameters by using navigation key.

- Standard : Automatic system selection.
- Home Only : Service is limited to home system only.

- 3 To save, press [].

3. Privacy

Select voice privacy mode of conversation.

- 1 Press [].
- 2 Press [] [] [].

Select the parameters by using navigation key.

- Standard : Not activate voice privacy when it is available by system.
- Enhanced : Activate voice privacy when it is available by system.

- 3 To save, press [].

SETTINGS

4. Data Service

TERMINATION

Select termination type

- 1 Press [].
- 2 Press [] [] [] [].

Select the parameters by using navigation key.

- Modem : Always answer voice as modem
- Modem Once : Answer voice as modem once
- Fax : Always answer voice as fax
- Fax Once : Answer voice as fax once
- Cancel : Never answer voice call as a data call

- 3 To save, press [].

SERVICE TYPE

Select data service type

- 1 Press [].
- 2 Press [] [] [] [].

Select the parameters by using navigation key.

- Async/Fax : Async data and Fax services
- QNC : Quick net connect
- Packet 115k : Packet data service (115kbps)
- Packet 230k : Packet data service (230kbps)

- 3 To save, press [].

SETTINGS

PPP AUTH

- INPUT ID

Input user ID for password authentication protocol

- 1 Press [].
- 2 Press [] [] [] [].
- 3 Enter password [****] and press [].
- 4 Edit user ID and press [] to save it.

- INPUT ID

Input user ID for password authentication protocol

- 1 Press [].
- 2 Press [] [] [] [].
- 3 Enter password [****] and press [].
- 4 Edit user password and press [] to save it.

5. S/W Version

This allows user to confirm the software version.

- 1 Press [], [], [], [].



SETTINGS

6. S/W Update

Upgrade phone software via network connection. The phone will be reset after downloading new software and then go to upgrade process after upgrade processing, you can use new version of software.

- 1 Press [], [], [], [].

7. Last SID

This allows user to confirm the Last SID.

- 1 Press [], [], [], [].



8. PRL ID

This allows user to confirm the PRL ID.

- 1 Press [], [], [], [].



9. TTY MODE

- 1 Press [], [], [], [].

- TTY off
- TTY Talk
- TTY Hear
- TTY Full



DATA FOLDER

To manage pictures or download image and sound files.

- 1 Press [].
- 2 Press [], then [].

Select the parameters by using navigation key.

- Image : BMP, JPG, GIF, PNG
- Sounds : MIDI, PMD



GAMES

CUTY

- 1 Press [ , [ , []

- START
- EASY
- RANK
- HELP

LEFT



RIGHT

STAR PONG

- 1 Press [ , [ , []

- START
- EASY
- RANK
- HELP

LEFT



RIGHT

MY MENU

You can select my menu that allows you to various setted phone functions (Sound, Display, Voice, Diary, Settings, Games are etc) and changing phone function to set my menu.

- 1 Select My menu []
- 2 Set, Save []
- 3 Select []
[], []
- 4 No register []

SET

- Press [] to select my menu.
- To save your own "My Menu", choose 1 to 8 by pressing [].
- To set My Menu, use [] [] or [] [] key.
- Select [].
- Choose parameter you want to save.
- The press [].

Change or Delete

- Choose 1 to 8 that you want to change or delete.
- Press [].
- Choose any parameter then press [] to change or press []:No register to delete My Menu.

PHONE BOOK

SEARCH NO

Stores up to 500 entries, each of which can be assigned to a group. Entries can be retrieved by Quick Search, Srch by name, Srch by No, Srch by Index, Srch by E-mail, Srch by URL.

- 1 Press [].
- 2 Press [].

Select the parameter by using the navigation key.

1. Quick Search.

This Function lists up recorded phonebook data with sorting of address index.

- 1 Press [ ,  , ].
- 2 Press [Navigation] keys or input searching name by Alpha mode to select a record and then press [] to view detail information.

2. Srch by Name

This Function is searching recorded phonebook data with part of name.

- 1 Press [ ,  , ].
- 2 Press [Navigation] to select range of searching among all phonebook or exist groups. and then press []key to delete the record or press [] to view detail information.

PHONE BOOK

3. Srch by No

This Function is searching recorded phonebook data with number.

- 1 Press [ ,  , ].
- 2 Input part of phone number and press []to find out matched number. and then press []key to delete the record or press [] to view detail information.

4. Srch by Index

This Function is searching recorded phonebook data with index.

- 1 Press [ ,  , ].
Enter index that you want to find.
- 2 Press [] or [] to select a record and then press []key to delete the record or press [] to view detail information.

- Maximum number of input characters : 3 digits. (1~500)

5. Srch by E-mail

This Function is searching recorded phonebook data with part of e-mail address.

- 1 Press [ ,  , ].
Enter E-mail address.

PHONE BOOK

- Press [Navigation] keys to select a record and then press [] key to delete the record or press [] to view detail information.

- Maximum number of input characters : 48 characters.

6. Srch by URL

This Function is searching recorded phonebook data with part of URL.

- Press [ ,  , ].
Enter URL address.
- Press [Navigation] keys to select a record and then press [] key to delete the record or press [] to view detail information.

- Maximum number of input characters : 128 characters.

RECORD NO

This Function records phone number to empty phonebook address.

- Press [].
- Press [].



Select the parameter by using the navigation key.

Press [] key to edit selected item and then press [].

PHONE BOOK

- Maximum number of input address : 500
- Maximum number of input name : 16 characters
- Maximum number of input telephone No.
: 32 digits in address 1~500,
- Maximum number of input E-mail address : 48 characters.
- Maximum number of input URL address : 128 characters.

- Press [] to save phone book.

Voice Dial

- Press [] key to select VR Mode.
- You can choose to add a voice tag to the entry for use with Voice Activated Dialing.
Select "Yes" or "No" and press [].
If you choose yes, "VR mode..."
Please speak "voice tag" will be displayed and you will hear "Name please". Speak the name clearly into the phone.
You will be heard "Again" then speak the name again into the phone.
You will hear "Added" and the phones display will return to standby mode.

Voice Dial Calling

- Shortly Press VAD [].
- To make a call, you can say a recorded tag or name of the phonebook.

PHONE BOOK

EDIT GROUP

This Function is add, edit or remove phonebook group.

- 1 Press [].
- 2 Press [].
Press [Navigation] keys to select a record and then press []key to delete the record and select a group ringer.
press []key to view detail information.
- 3 Press [].



CALL HISTORY

- 1 Press [].
- 2 Press [].

Select the parameter by moving the navigation key left and right.

1. Outgoing Calls

Displays information of the 20 most recently outgoing calls.
Saves the numbers and places calls by simply pressing [].

- 1 Press [], []keys sequentially.

PHONE BOOK

- 2 Press [Navigation]keys to select a record and then press []key to delete the record or press [] to view detail information.

• Maximum number of history : 20

2. Incoming Calls

Displays information of the 20 most recently answered calls.
Saves the numbers and places calls by simply pressing [].

- 1 To see a list of the 20 most recently answered calls, press [], [], []. If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.
- 2 To view incoming call details, press the Navigation key.
Press [] again to save it or press [] to delete it.

3. Missed Calls

Displays information of the 20 most recently missed calls.
Saves the numbers and places calls by simply pressing [].

- 1 To see a list of the 20 most recently missed calls, press [], [], [], []. If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.
- 2 To view incoming call details, press the Navigation key.
Press [] again to save it or press [] to delete it.

PHONE BOOK

4. Clear Calls

This function is clears all call history.

- 1 Press [] [] [] [] and press [] three times.
- 2 Select "Yes" or "No" with the scroll key.
press [].
When you select "Yes", you will see "Enter Lock Code" on the display and input your phone password.

CLR PHONEBOOK

This function is clears all the phonebook data.

- 1 Press [].
- 2 Press [].

Select the parameter by using the navigation key.

- 3 Enter "Lock Code".
- 4 Press [].

PHONE BOOK

SPECIAL #'S

This function is adds or edits emergency phone number.

- 1 Press [].
- 2 Press [].

Input lock code.

Select the parameter by using the navigation key.

- 3 Press [] and enter Special #'s.

SMS

VOICE

The phone will notify the user when user receives a message. And phone display the number of received voice mail message.

1 Press [].

2 Press [].

- To get the message, press [] (= "Get")
- To delete the message, press [] (= "Del")

NEW MESSAGE

The user can create and send text messages by selecting new submenu.

1 Press [] [].

Input a Destination Phone Number

- 1 Input phone number.
- 2 To search the phone number of Phonebook / Call History, press [] or []

Edit a Default Callback Number

- 1 Press [].
- 2 Edit a default Callback Number.

SMS

Select the Priority

- 1 Press [].
- 2 To change the Priority(Normal/Urgent/Emergency), press [] or [].

Select the Delivery Ack

- 1 Press [].
- 2 To change the Delivery(No Ack/Enhanced Ack/Normal Ack), press [] or [].

2 Input a text message.

Edit Message

- 1 Input text message.
- 2 To delete one character, press [].
- 3 To delete all characters, press and hold [].

3 To send the message, press [].

To insert the saved message, press [], [].

To save message, press [], [].

SMS

INBOX

To review the message that you received.

- 1 Press [] [].

-  : New message.
-  : New Urgent / Emergent message.
-  : Read Lock message
-  : Read message

- 2 Select menu using [] or [].
- 3 To display the message, press [] or [].
- 4 To use message option, press [] or [].

Reply

- 1 To reply the message, press [].
- 2 Process as like NEW MESSAGE, except for input a Destination Phone Number.

Forward

- 1 To forward the message, press [].
- 2 Process as like NEW MESSAGE, and edit the text message.

SMS

Save Address

- 1 To save the original address(Fr) of message, press [].

Save CB

- 1 To save the callback number of message, press [].

Lock Msg

- 1 To lock or unlock the message, press [].

Delete

- 1 To delete the message, press [].

Move to Saved

- 1 To move to saved folder the message, press [].

SMS

OUTBOX

To review the message that you sent.
And to edit or send message.

- 1 Press [] [].

-  : Fail message.
-  : Fail Lock message.
-  : Send message.
-  : Send Lock message
-  : Delivered message
-  : Delivered Lock message

- 2 Select menu using [] or [].
- 3 To display the message, press [] or []
- 4 To use outbox option, press [] or []

(Re)Send

- 1 To resend to the message, press [].

Send To

- 1 To forward the message, press [].
- 2 Process as like NEW MESSAGE, and edit the text message.

SMS

Detail

- 1 To see the status of the message, press [], [] or [].

Lock Msg

- 1 To lock or unlock the message, press [].

Delete

- 1 To delete the message, press [].

Move to saved

- 1 To move to saved folder the message, press [].

SAVED

Reviews messages in the saved folder.

- 1 Press [] [].

-  : Save message.
-  : Save Lock message.
-  : Moved from Inbox message
-  : Moved from Inbox Lock message
-  : Draft message
-  : Draft message Lock

SMS

Moved from Outbox message.

-  : Fail message.
-  : Fail Lock message.
-  : Send message
-  : Send Lock message
-  : Delivered message
-  : Delivered Lock message

- 2 Select the message using [] or [].
- 3 To display the message, press [] or [].
- 4 To use saved option, press [] or [].

(Re)Send

- 1 To resend to the message, press [].
- 2 After sending, auto delete the message in the saved folder.

Lock Msg

- 1 To lock or unlock the message, press [].

Delete

- 1 To delete the message, press [].

SMS

SETTINGS

To customize the messaging features.

- 1 Press [] [].

Receive Alert

- 1 Press [], [], [] keys sequentially.

- Bell : Use beep and lamp.
- Vibrator : Use vibrator and lamp.
- Lamp Only : Use lamp only.

Alert Remind

If user has not read new incoming messages, phone alert by selected option.

- 1 Press [], [], [] keys sequentially.

- One Time
- Every 2 Min : Every 2 minutes alert.

- 2 Press [Navigation] keys to select alert remind method and then press [] to confirm.

SMS

Memory Full

The phone can automatically delete oldest message or warn to user a received message can not be received since the memory reaches full.

- 1 Press [], [], [] keys sequentially.

- Warn to user : Show warning message to user and automatical reject in case of full memory.
- Auto Delete : If full of memory, previous message is deleted one by one.

- 2 Press [Navigation] keys to select memory management method and then press [] to confirm.

Delivery Ack

Set the Delivery Ack : The network will only send Delivery Ack's for messages that were successfully delivered..

- 1 Press [], [], [] keys sequentially.

- 2 Press [] [] and press [].

- Enhanced Ack
- Normal Ack
- No Ack

SMS

Priority

Set the priority of outgoing messages.

- 1 Press [], [], [] keys sequentially.

- Normal : Normal messages.
- Urgent : Urgent messages.
- Emergency : Emergent messages.

Save Sent Mag

After sending outgoing messages, user can select save sent messages.

- 1 Press [], [], [] keys sequentially.

- Auto Save : Automatically save sent message.
- Prompt : User can select to each case.
- Do Not Save : Do not save sent message.

- 2 Press [Navigation] keys to select save option of sent messages, and then press [] to confirm.

SMS

Callback No.

The phone shall automatically populate call back number with saved in this menu when user make a new message to send.

- 1 Press [], [], [] keys sequentially.
- 2 Press [] key after input callback number.



DELETE ALL

To delete Inbox/Outbox/Saved folder Message.(Except for Locked Message)

- 1 Press [] [] keys sequentially.
- 2 Enter the Lock Code.
- 3 Press [Navigation] keys to select delete option, and then press [] (= "Select") to confirm.
 - Inbox : To delete inbox message
 - Read Inbox : To delete only Read Inbox message
 - Outbox : To delete outbox message
 - Saved : To delete saved folder message
 - Delete All : To delete Inbox/Outbox message

BREW

MOBILE SHOP

Mobile shop lets you download your favorite ringtone, screen saver, game so on through accessing to Application Server.

Accessing

- 1 Press [] and select [] by pressing [].
- 2 Use [] [] to scroll and [] to select.
- 3 To go back, press [].
and press [] lets you exit from Mobile Shop menu.
 - Catalog : Shows available Mobile Shop application.
 - Search : Input keyword for easy searching.
 - About Download : Detail information on downloadable application list, downloading cost, how to download and memory status so on.

BREW

SETTINGS

Accessing

- 1 Press [].
- 2 Move to [] by pressing [].
- 3 Select [] by pressing [].

Function Key Description

- **Order Apps** : Set application order in the display.
 - 1) Select Order Apps and folder.
 - 2) Press [] and then you will see up and down arrow key.
 - 3) Set application order by pressing <navigation up/down key>.
- **Move Apps**
 - 1) Select Move Apps and folder.
 - 2) Select Application to move to another folder.
 - 3) Select folder where to be saved selected application.
 - 4) You will see "Application moved to the selected folder." message.
- **Manage Apps**
 - 1) Select Manage Apps and application to manage.
- **View Properties** : Web page information.

BREW

- **Set folder** : Select folder among main menu, work and fun where to be saved each selected application.
- **Lock App** : Select "Locked" or "Unlocked".
- **Remove** : Remove application from your folder.
- **Upgrade Check** : If application is upgraded, it lets you have automatical application upgrade by connecting to the server.
- **Main Menu View** : Select Main Menu Display style among "Small Icon" "Large Icon" and "List" type.
- **Screen Savers** : Shows your screen savers and lets you select screen saver image.
- **View Log** : Shows log.

HELP

Detail explanation to help you understand how to purchase application and use it.

Accessing

- 1 Press [].
- 2 Move to [] by pressing [].
- 3 Select [] by pressing [].

WEB BROWSING

ACCESSING INTERNET

User can access internet with mobile browser.

- 1 Press & hold [] key for web menu.
- 2 Press [1] key.
During connecting to internet, Openwave log display is appeared and "connecting ..." is displayed.
- 3 After connected, It appears Web Page automatically.

WEB MENU

Start : Launch a browser.

Settings : Linger timer - User can set a linger timer which triggers the termination of an idle data call. (the default value is 30 seconds)
User can select one of time lists. (30 sec, 1 min, 2 min, 3 min, 4 min)

BROWSER MENU

Press [SideBottom] key while the browser is active to see the browser's local menu.

Reload : To reload the current page

Home : To get back to the Homepage.

Press and hold (send) key will do the same

Bookmarks : To view your bookmark list

Mark Site : To store the current page in your bookmark list

About Openwave : To view the browser version

WEB BROWSING

Advanced

Show URL : To display the URL of the current page

Homepage : To change your home page

Set WAP Proxy : To select a network server

Offline Service : To use WAP applications efficiently in area of poor or no network coverage

Outbox : To maintain the browser outbox

Restart Browser : To clear the cache memory in your browser

Encryption : To execute security-related commands

E-MAILING WITH BROWSER

User can send or receive a e-mail

- 1 Select E-mail menu on the browser HOME deck.
- 2 User can read the received e-mail or compose and send a e-mail.

NET ALERT WITH BROWSER

Net alert is a small size message in order to notify a user of important information.

- 1 Popup alert notification screen when an alert has arrived.
- 2 User can read or skip the message by [Left SK](="View"), [Right SK] (=Skip).

WEB BROWSING

DOWNLOAD FUN

User can download wall paper or ring tone from network by browser.

- 1 Activate WAP browser.
- 2 Go to download fun site.
- 3 Select object to download.

WEB BROWSER SETTINGS

Web Lock : N/A, Always off.

Web Backlight : N/A, Depend on main menu setting

Web Idle Timer : Web idle timer triggers the termination of idle data call.

Reference to web menu W21.

Connect Prompt : N/A, No prompt

IP addresses : IP address can be changed in idle mode by pressing “##872769737” sequentially. (TBD)
(This information is not permitted to the common user!!)

Username and Password : Reference to menu (M863), PPP Authentication. (TBD)

To select Link A or Link B : WAP proxy can be changed in advanced menu after launching browser.

IMPORTANT SAFETY INFORMATION

- Traffic Safety

Do not use a hand-held telephone while driving a vehicle.

If using a hand-held phone park the vehicle before conversing.

Always secure the phone in its holder; do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop.

The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted. Remember, road safety always comes first!

- 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.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions.

Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipments should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

- Electronic devices

Most modern electronic equipment is shielded from radio frequency signals, However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

IMPORTANT SAFETY INFORMATION

- Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research by and, recommendations of Wireless Technology Research. Persons with pacemakers;

Should always keep the phone more than 6 inches from their pacemaker when the phone is switched on. Should not carry the phone in a breast pocket. Should use the ear opposite the pacemaker to minimize the potential for interference. If you have any reason to suspect that interference is taking place, switch off your phone immediately.

- Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

- Other medical devices

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices.

Consult physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so.

Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

IMPORTANT SAFETY INFORMATION

- Vehicles

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 phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

- Posted facilities

Switch your phone off in any facility where posted notices so require.

- Potentially explosive atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions.

Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch off the phone while at a refueling point.

Users 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.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats; chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

IMPORTANT SAFETY INFORMATION

- Emergency calls

- 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 to fulfill any warranty obligations and allow you to enjoy this product for many years.

When using your phone, battery, charger, or any accessory;

- Keep it and all its parts and accessories out of small children's reach.
- Keep it dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas as its moving parts can be damaged.
- Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it in cold areas. When the phone warms up (to its normal operating temperature), moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not attempt to open it. Non-expert handling of the device may damage it.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.

IMPORTANT SAFETY INFORMATION

- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications or attachments could damage the phone and may violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Safety Information

1 . SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS

.POTENTIALLY EXPLOSIVE ATMOSPHERES

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

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INTERFERENCE TO MEDICAL DEVICES

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

RF signals may affect improperly installed or inadequately shielded electronic system in motor vehicles.

.EXPOSURE TO RF ENERGY

Use only the supplied or an approved replacement antenna.

Do not touch the antenna unnecessarily when the phone is in use.

Do not move the antenna close to, or touching any exposed part of the body when making a call.

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 **1.33 W/Kg** and when worn on the body, as described in this user guide, is **0.624 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: O6YUTS-C3000**.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

SAFETY INFORMATION FOR RF EXPOSURE

Body- worn operation

This device was tested for typical body-worn operations with the back of the phone kept **25 mm.** from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a **25 mm.** separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

FCC Compliance Information

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

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

U.S.A.

U.S.FEDERAL COMMUNICATIONS COMMISSION

**RADIO FREQUENCY INTERFERENCE STATEMENT
INFORMATION TO THE USER**

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules.

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

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

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