

5U010208000 REV.00



PANTECH



1.5" 65K Color screen
VGA Camera With Flas
2 Polyphonic Sound

PS-300 USER GUIDE

PANTECH

www.pantech.com
www.sudani.sd



VGA Camera With Flash



1.5" 65K Color screen



32 Polyphonic Sound

User Guide

PS-300

WELCOME

Thank you for choosing the up-to-date PS-300, our new model, developed by top researchers to support the CDMA2000 1X system through Qualcomm-manufactured MSM6025 chips and CDMA technologies. This product allows for high speed communication services, data & fax services, and a GUI animation menu. T9 input mode makes it much easier to enter text. Other proven technologies include:

- Full graphic display of 5 text input line, 1 soft key line and 1 icon line with variable font size.
- Easy to enter letters through the T9 text input mode.
- DATA Services
(i.e.; wireless internet access, wireless fax send/receive)
- VGA Camera
- GUI & Animation display compliant with CDMA2000 1X.
- CSTN 65K Color LCD.
- Navigation Keys, Side Keys and 18 keys keys aligned for more convenience.
- Sophisticated features of speaker phone.
- Additional services of text messaging and call forwarding, call waiting.

IMPORTANT INFORMATION

This PS-300 user guide contains very important information about how to handle and use the product. Please read this manual thoroughly, pay attention to the warranty on the back page and be alert to the exclusions and limitations of your warranty, which are related with the unauthorized use of components.

TABLE OF CONTENTS

CHAPTER 1. BEFORE USING YOUR PHONE	9
INSIDE THE PACKAGE.....	10
HANDSET DESCRIPTION	11
FRONT VIEW	11
SIDE VIEW	11
REAR VIEW.....	11
THE FUNCTION KEYS.....	12
DISPLAY INDICATORS.....	13
BATTERY USAGE	15
BATTERY INSTALLATION	15
BATTERY CHARGING	16
POWER CONNECTION	16
BATTERY LIFE (FOR NEW BATTERY).....	17
BATTERY HANDLING INFORMATION.....	18
DO's	18
DON'Ts.....	18
QUICK START	19
 CHAPTER 2. BASIC OPERATION	 21
TURNING THE PHONE ON / OFF	22
TURNING THE PHONE ON	22
TURNING THE PHONE OFF	22
ACCESSING THE MENU.....	23
MENU SUMMARY	24
BASIC FUNCTIONS	28
MAKING A CALL	28
MAKING INTERNATIONAL CALLS	28
PAUSE FEATURE	29
ANSWERING A CALL.....	29
CALLER ID FUNCTION	30
CALL WAITING FUNCTION	30
ADJUSTING VOLUME	30
ETIQUETTE MODE	31
PHONE LOCK	31
DURING A CALL.....	32
MUTE (UNMUTE)	32
SCRATCH PAD	32
MESSAGES.....	33
PHONE BOOK	33
CALL HISTORY.....	33
VOICE PRIVACY.....	34

TABLE OF CONTENTS

PHONE INFO	34
MAKING AN EMERGENCY CALL	35
EMERGENCY NUMBER IN LOCK MODE	35
EMERGENCY NUMBER USING ANY AVAILABLE SYSTEM	36
CHAPTER 3. MEMORY FUNCTION	37
STORING A PHONE NUMBER	38
ENTERING LETTERS, NUMBERS & SYMBOLS	40
STANDARD INPUT MODE	42
T9 INPUT MODE	46
NUMERIC MODE	47
SYMBOL MODE	47
SPEED DIAL	48
CHAPTER 4. MENU FUNCTION	49
PHONE BOOK	50
ADD NAME	50
PHONE	50
UIM	50
FIND	51
BY NAME	51
BY NUMBER	52
BY GROUP	53
GROUP	54
RENAME	54
GROUP RINGER	55
SPEED DIAL	55
PHONE BOOK COPY	56
PHONE TO UIM	56
UIM TO PHONE	56
SETTINGS	56
CALL HISTORY	57
MISSED	57
RECEIVED	58
DIALLED	59
CALL DURATION	60
ALL DIALLED CALLS	60
LAST DIALLED CALL	60
ALL CALLS	60
PROFILES	61

TABLE OF CONTENTS

DISPLAY	63
THEME	63
STANDBY	63
POWER ON	63
POWER OFF	64
RECEIVED CALL	64
DIALLED CALL	64
LANGUAGE	65
BANNER	65
CONTRAST	66
BACKLIGHT	66
SETTINGS	67
CALL	67
CALL WAITING	67
CALL FORWARDING	67
CALL FORWARDING	67
ANSWER MODE	68
AUTO REDIAL	68
VOICE PRIVACY	69
CALL TIMER	69
AUTO ANSWER	69
TONE LENGTH	70
CONNECT ALERT	70
DISCONNECT ALERT	70
MINUTE ALERT	70
SIGNAL FADE ALERT	71
PHONE	71
DATA SETTINGS	71
SLIDE ALERT	72
PHONE INFO	72
SECURITY	72
PHONE LOCK	73
CHANGE CODE	73
UIM	74
RESTRICT	74
EMERGENCY NUMBERS	76
DELETE ALL	77
RESET	77
ORGANIZER	78
SCHEDULER	78
DATE	78
TIME	78

TABLE OF CONTENTS

EVENT	78
SETTING	78
RINGER	79
ALARM	79
SETTING	80
DATE	80
TIME	80
SNOOZING	80
RINGER	81
MEMO	81
NEW	81
LIST	82
SETTINGS	82
CALCULATOR	83
CURRENCY CONVERT	83
STOP-WATCH	84
WORLD CLOCK	85
GAMES	86
SNAKE	86
ICARUS	86
CAMERA	87
TAKE PHOTO	87
QUALITY	87
RESOLUTION	87
MULTI SHOT	88
TIMER	88
CONTRAST	88
COLOR TONE	88
FRAMES	89
FLASH	89
ALBUM	89
TAKE PHOTO	89
RENAME	89
SET WALLPAPER	90
SET PHONEBOOK	90
DELETE	90
DELETE ALL	90
INFORMATION	90
SETTINGS	91
DATE & TIME	91
SHUTTER SOUND	91

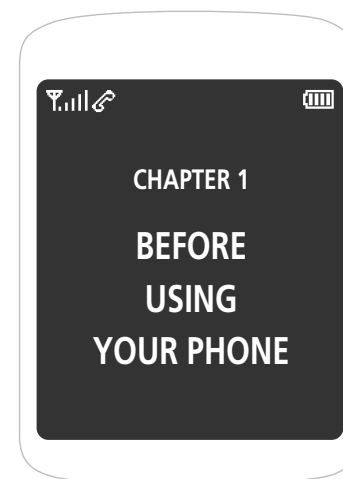
TABLE OF CONTENTS

CHAPTER 5. VOICE MAIL AND TEXT MESSAGE.....	93
TEXT MESSAGE.....	94
WRITE.....	94
INBOX	96
REPLY	96
FORWARD	96
SAVE TO TEMPLATES	97
SAVE TO PHONEBOOK	97
SAVE TO DRAFTS	97
LOCK & UNLOCK.....	97
COPY TO UIM.....	98
DELETE	98
OUTBOX	99
SEND TO	99
SAVE TO PHONEBOOK	99
SAVE TO DRAFTS	99
LOCK & UNLOCK.....	100
DELETE	100
VOICE MAIL	100
DRAFTS	101
TEMPLATES	102
DELETE ALL.....	102
SETTINGS	103
SAVE SENT MSG	103
AUTO DELETE	103
SIGNATURE.....	104
DIRECT VIEW	104
DELIVERY ACK.	105
PRIORITY	105
ENTRY MODE	105
STORAGE	106
MSG. GROUP.....	107
ADD NEW MSG. GROUP.....	107
ASSIGN PHONE NUMBER TO MSG. GROUP	107
CHANGE MSG. GROUP NAME.....	108
SEND MSG.	108
DELETE MSG. GROUP	109
DELETE ALL	109
MSG. COPY	110
PHONE TO UIM	110
UIM TO PHONE	110

TABLE OF CONTENTS

CHAPTER 6. PACKET DATA SERVICE 111
 DATA SERVICE CONFIGURATION AND INSTALLATION 112
 SETTING UP PC..... 113
 INSTALL MODEM ON YOUR PC 113
 MODEM CONNECTION..... 115
 DIAL-UP NETWORKING 118
 CHECK POINT 120
INTERNET ACCESS 122
 PACKET DATA SERVICE..... 122

CHAPTER 7. SAFETY AND WARRANTY 125
SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES 126
 EXPOSURE TO RADIO FREQUENCY SIGNALS 126
 DRIVING SAFETY 127
 ELECTRONIC DEVICES 128
 PACEMAKERS..... 128
 OTHER MEDICAL DEVICES..... 128
 POSTED FACILITIES 129
 OTHER SAFETY GUIDELINES 129
 AIRCRAFT 129
 BLASTING AREAS 129
 POTENTIALLY EXPLOSIVE ATMOSPHERES 129
 PRECAUTIONS 130
SAFETY INFORMATION FOR FCC RF EXPOSURE 131
 CAUTIONS 131
 BODY-WORN OPERATION 132
 VEHICLE MOUNTED EXTERNAL ANTENNA
 (OPTIONAL, IF AVAILABLE) 132
SAR INFORMATION 133
PRECAUTIONS WHEN USING BATTERIES 135
CARE AND MAINTENANCE 137
TROUBLESHOOTING..... 139
PROTECT YOUR WARRANTY 141
WARRANTY CARD 142



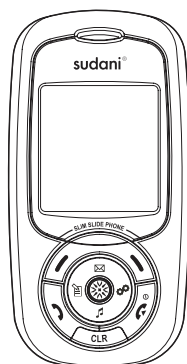
This chapter provides important information about using the PS-300 including:

- INSIDE THE PACKAGE
- HANDSET DESCRIPTION
- DISPLAY INDICATORS
- BATTERY USAGE
- BATTERY HANDLING INFORMATION

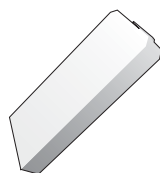
BEFORE USING

INSIDE THE PACKAGE

This package should include all items pictured below. If any are missing or different, immediately phone book the retailer where you purchased the cellular telephone.



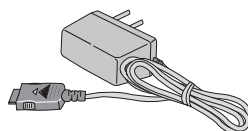
Handset



Standard Battery



User Manual



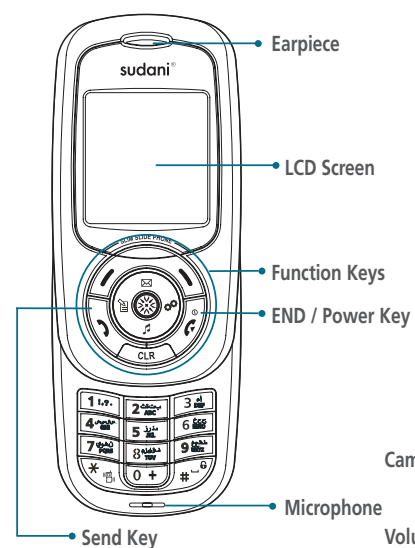
AC Charger

HANDSET DESCRIPTION

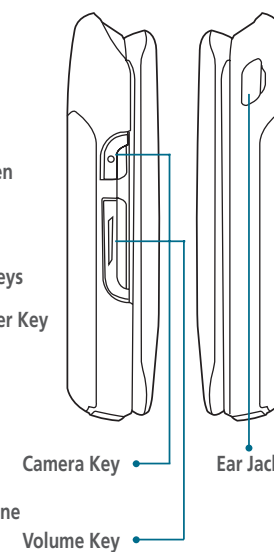
BEFORE USING

This cellular telephone is a dual mode (800MHz CDMA) CDMA2000 1X digital cellular telephone. The PS-300 90g (without battery) And the dimensions are 10.9cm X 4.65cm X 1.96cm.

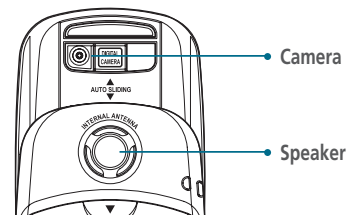
FRONT VIEW



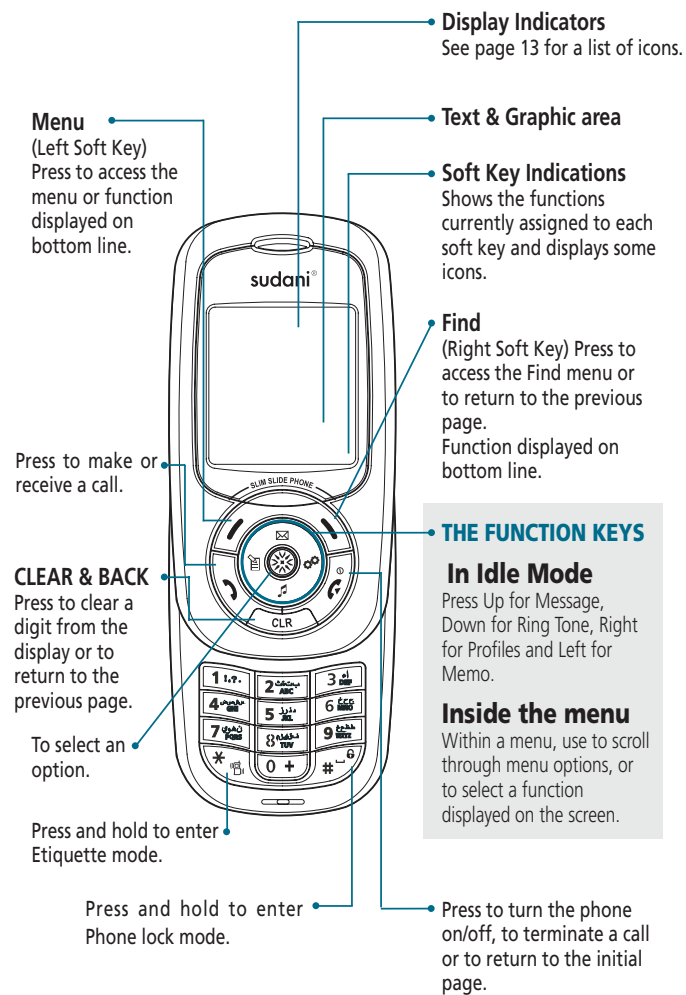
SIDE VIEW



REAR VIEW



■ THE FUNCTION KEYS



■ DISPLAY INDICATORS

**Signal Strength**

Current signal strength: the more lines, the stronger the signal.

**Service Indicator**

Indicates call is in progress, indicates the phone cannot receive a signal from the system.

**Messages**

New text or Voice message.

**Battery**

Battery charging level – the more blocks, the stronger the charge.

**Auto Answer**

Phone is in answering machine mode. (when connected Earpiece, it operates.)

**Alarm**

Appears when either an event or an alarm is set.

**Ring Type**

Appears when a ringer is set as a ringer Type.

**Data Call**

Data call is in progress.

**Digital Mode**

Phone is in the digital service area.

BEFORE USING

DISPLAY INDICATORS



Etiquette Mode

Phone will vibrate when call is received.



Roaming

Phone is out of home area.



1X

Phone is in the 1X service area.



Earphone

Headset is connected.



Voice privacy

Phone is in voice privacy mode.

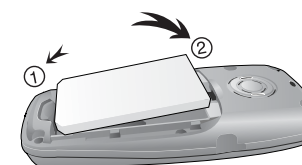
BATTERY USAGE

BEFORE USING

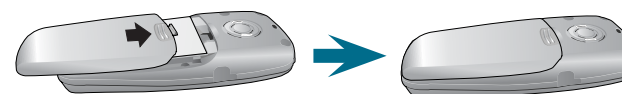
BATTERY INSTALLATION

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

- 1 Insert the mold locator of the battery into the hole located in the bottom of the unit.



- 2 Press the battery cover case until the sound of a 'click' is heard.



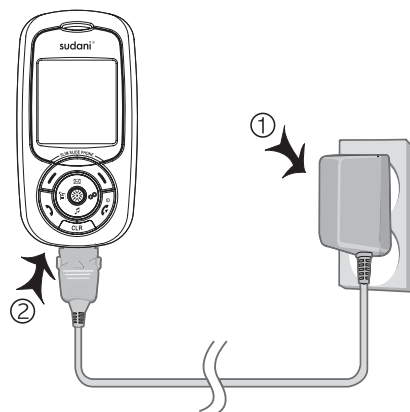
NOTE

If the battery is not correctly placed in the compartment, the handset will not turn on and / or the battery may detach during use.

■ BATTERY CHARGING

POWER CONNECTION

- ① Plug the AC Charger into a standard outlet.
- ② Plug the other end of the AC Charger into the bottom of your phone. The battery must be installed on to the phone.



- When you charge the battery with the phone power off, you will see a charging status screen. You cannot operate the phone until it is powered on.
- The battery is not charged at the time of purchase.
- Fully charge the battery before use.
- It is more efficient to charge the battery with the handset powered off.
- The battery must be connected to the phone in order to charge it.
- Battery operating time gradually decreases over time.
- If the battery fails to perform normally, you may need to replace the battery.

BATTERY LIFE (FOR NEW BATTERY)

The operating time is subject to your handset usage and configuration.

SLOT CYCLE=1

Talk Time	Stand-by Time
260m	150 hours

SLOT CYCLE=2

Talk Time	Stand-by Time
260m	220 hours



These times are for a new battery. Talking and Standby time may decrease over time.

BEFORE USING

BATTERY HANDLING INFORMATION

■ DO's

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging.
It may take one to four days to completely drain.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local laws.

■ DON'Ts

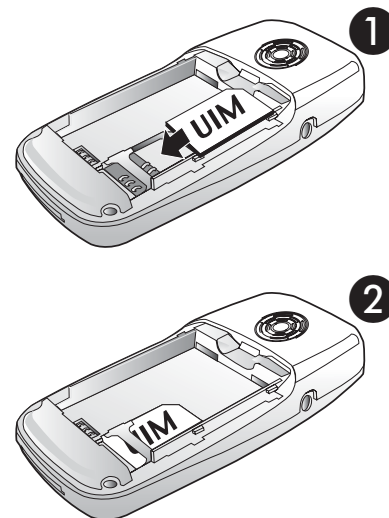
- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't accidentally short circuit the battery by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens. This may critically damage the battery.
- Don't leave the battery in hot or cold temps.
Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery into a fire.

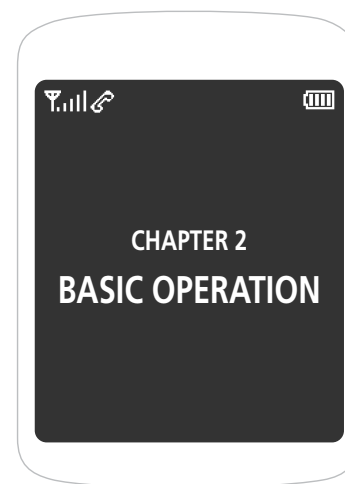
QUICK START

BEFORE USING

When you register with a network operator, you'll be given a UIM card, on which you could find user's registration information (PIN, with additional services you may have subscribed to). Similar to a credit card, it should be stored in a safe location and you should use it with care. Do not bend or scratch it, and protect it from wetness and static. To protect the UIM card from damages, you must turn the phone off before removing or inserting the UIM card. If necessary, turn off your phone by pressing and holding the  key until the power-off message appears.

- 1 Check the UIM slot is empty and install the UIM card into the slot.
- 2 If you wish to remove the UIM card, push it in the arrow direction shown in the picture below.





This chapter addresses and explains the basic features of your cellular telephone including:

TURNING THE PHONE ON / OFF

ACCESSING THE MENU

MENU SUMMARY

BASIC FUNCTIONS

DURING A CALL

MAKING AN EMERGENCY CALL

■ TURNING THE PHONE ON



- 1 Press and hold , until Logo appears and the tone sounds.



- To select a logo, refer to page 63 for more details. (**Display > Theme**) for more detail.
- If your cellular telephone is locked when “Password” appears on the display, enter your 4-digit password to unlock your cellular telephone.
- The default password is the last 4 digits of your phone number.

■ TURNING THE PHONE OFF

- 1 Press and hold , until your Logo appears.



- Immediately change or recharge the battery when “Low Battery! Phone is turning off” appears on the display. Memory may possibly be damaged if the phone turns off due to the battery completely draining.
- Turn the phone off before removing or replacing the battery. If the phone is on, unsaved data may be lost.

Your phone can be customized via the menu. Each function can be accessed by scrolling with the Navigation key or by pressing the number that corresponds with the menu item.

- 1 To access the menu in the idle mode, press  [MENU].

- To search through the menu in numerical order, press down.

- 2 Use the Navigation key to scroll through the menu.
- 3 To return to the previous page, press  .
To exit the current menu and return to the idle mode, press  .
- 4 Press the Navigation key to enter a function when its main page is displayed or press its assigned number to have direct access to the function.

**Hotkey**

In idle mode, move the Navigation Key as follows to access these functions:

- **Upward movement**  : Messages
- **Long press**  : Voice Mail Access
- **Downward movement**  : Ring tone
- **Rightward movement**  : Profiles
- **Leftward movement**  : Memo

BASIC OPERATION

MENU SUMMARY

■ Left softkey tree - Menu

MAIN MENU	2ND DEPTH	3RD DEPTH	4TH DEPTH
1. Phone Book	1.1 Add Name	1.1.1 Phone 1.1.2 UIM	
	1.2 Find	1.2.1 By Name 1.2.2 By Number 1.2.3 By Group	
	1.3 Groups	No Group Family Relatives Friends Business Colleagues School Club VIP Others	
	1.4 Speed Dial		
	1.5 Phone book Copy	1.5.1 Phone to UIM 1.5.2 UIM to Phone 1.5.3 Settings	
2. Messages	2.1 Write		
	2.2 Inbox	2.2.1 Phone 2.2.2 UIM	
	2.3 Outbox		
	2.4 Voice Mail		
	2.5 Drafts		
	2.6 Templates		
	2.7 Delete All	2.7.1 Inbox 2.7.2 Outbox 2.7.3 Drafts 2.7.4 All	2.7.1.1 Phone 2.7.1.2 UIM
	2.8 Settings	2.8.1 Save Sent Msg. 2.8.2 Auto Delete 2.8.3 Signature 2.8.4 Direct View 2.8.5 Delivery Ack. 2.8.6 Priority 2.8.7 Entry Mode 2.8.8 Storage	2.8.2.1 Inbox 2.8.2.2 Outbox
	2.9 Msg. Group		
	2.10 Msg. Copy	2.10.1 Phone to UIM 2.10.2 UIM to Phone	

MENU SUMMARY

BASIC OPERATION

MAIN MENU	2ND DEPTH	3RD DEPTH	4TH DEPTH
3. Call History	3.1 Missed 3.2 Received 3.3 Dialed 3.4 Call Duration	3.4.1 All Dialed Calls 3.4.2 Last Dialed Call 3.4.3 All Calls	
4. Profiles	General Outdoor Meeting Silent Vibrate Only Profile 1 Profile 2		
5. Display	5.1 Theme	5.1.1 Standby 5.1.2 Power On 5.1.3 Power Off 5.1.4 Received Call 5.1.5 Dialed Call	
	5.2 Language 5.3 Banner 5.4 Contrast 5.5 Backlight		
6. Settings	6.1 Call	6.1.1 Call Waiting 6.1.2 Call Forwarding	6.1.2.1 Uncondition 6.1.2.2 Busy 6.1.2.3 No Answer 6.1.2.4 Busy/ No Answer
		6.1.3 Answer Mode 6.1.4 Auto Redial 6.1.5 Voice Privacy 6.1.6 Call Timer 6.1.7 Auto Answer 6.1.8 Tone Length 6.1.9 Connect Alert 6.1.10 Disconnect Alert 6.1.11 Minute Alert 6.1.12 Signal Fade Alert	

BASIC OPERATION

MENU SUMMARY

MAIN MENU	2ND DEPTH	3RD DEPTH	4TH DEPTH
	6.2 Phone	6.2.1 Data Settings	6.2.1.1 Receive Mode 6.2.1.2 Data Speed 6.2.1.3 Port
	6.3 Security	6.2.2 Slide Alert 6.2.3 Phone Info. 6.3.1 Phone Lock 6.3.2 Change code 6.3.3 UIM	6.3.3.1 UIM Lock 6.3.3.2 PIN Code Change 6.3.4.1 Phone Book 6.3.4.2 Call History 6.3.4.3 Outgoing Call 6.3.4.4 Messages 6.3.4.5 Camera
		6.3.4 Restrict	
		6.3.5 Emergency Numbers 6.3.6 Delete All 6.3.7 Reset Phone	6.3.7.1 Reset 6.3.7.2 Clear Memory & Reset
7. Organizer	7.1 Scheduler 7.2 Alarm	7.2.1 Alarm1 7.2.2 Alarm2 7.2.3 Alarm3	
	7.3 Memo	7.3.1 New 7.3.2 List 7.3.3 Setting	
	7.4 Calculator 7.5 Currency Convert 7.6 Stop Watch 7.7 World Clock		
8. Games	8.1 Snake 8.2 Icarus		

MENU SUMMARY

BASIC OPERATION

■ Side Hardkey 1 Tree(Camera)

MAIN MENU	2ND DEPTH	3RD DEPTH	4TH DEPTH
1. Take Photo	1.1 Quality 1.2 Resolution 1.3 Multi Shot 1.4 Timer 1.5 Contrast 1.6 Color Tone 1.7 Frames 1.8 Flash		
2. Album	2.1 Take Photo 2.2 Rename 2.3 Set Wallpaper	2.3.1 Standby 2.3.2 Power On 2.3.3 Power Off 2.3.4 Received Call 2.3.5 Dialed Call	
	2.4 Set Phonebook 2.5 Delete 2.6 Delete All 2.7 Information		
3. Settings	3.1 Date & Time 3.2 Shutter Sound		

■ MAKING A CALL

- 1 Enter a phone number.



To modify the phone number you have entered :

- To delete one digit at a time press .
- To delete the entire number, press and hold .

- 2 Press .

The indicator, , appears on the display.



- If you activate the "AUTO REDIAL" function, the phone will automatically redial for the number of times you have selected. (Refer to page 68).
- When you place or receive a call from stored phone numbers, both the name and phone number will be displayed.

- 3 To end a call, press .

MAKING INTERNATIONAL CALLS

- 1 Press and hold the **0 +** key for the international prefix. The '+' character can be replaced with the international access code.
- 2 Enter the country code, area code, and the phone number.
- 3 Press the key.

■ PAUSE FEATURE

Pauses are used for automated systems (i.e., voice mail, calling cards). Insert a pause after a phone number then enter another group of numbers. The second set of numbers is dialed automatically after the pause. This feature is useful for dialing into systems that require a code.



- 1 To insert a pause, enter a phone number then press [OPTIONS]. Select either a Hard Pause or a Timed Pause .
- 2 Press to dial the number and to store the number.

■ ANSWERING A CALL

- 1 To answer a call, press any key except .

- In the Settings menu, you can select either "Send Key, Any Key or Slide Open" to answer a call. If "Send Key" is selected, the phone can only be answered by pressing . See page 68 for more information.

- 2 To end the call, press .



In Auto Answer Mode a call is automatically answered after a preset number of ring tones. See page 68 for more details.

■ CALLER ID FUNCTION

Identifies caller by displaying their phone number. If the caller's name and number are already stored in your Phone books, they both will appear.



The caller ID is stored in the Calls.

■ CALL WAITING FUNCTION

Notifies you of an incoming call when you are already on a call by sounding a beep tone and displaying the caller's phone number.

- 1 To answer another call while on the phone, press . This places the first call on hold.
To switch back to the first caller, press again.



Call Waiting is a system dependent feature. Please phone book your service provider for details.

■ ADJUSTING VOLUME

Adjust the volume of the ringer, key beep and speaker.

- 1 Press [MENU] , EDIT - General or Outdoor or Meeting or Profile 1 or Profile 2 then select one of the following.

- Ring Type
- Ring Tone
- Ringer Volume
- Key Volume
- Earpiece Volume
- Speaker Volume
- Speaker Mode

- 2 Adjust volume then press to save it.



To adjust earpiece volume during a call move the Navigation Key up or down.

■ ETIQUETTE MODE

Mutes key tones and activates the vibration mode to alert you of an incoming call or message.



- 1 To turn Etiquette Mode on/off, press and hold . will be displayed to indicate Etiquette Mode is active.

■ PHONE LOCK

The phone lock feature of your cellular telephone locks the phone to protect when the phone is turned on and no call is in progress. You can still answer or silence an incoming call.



- 1 To lock the phone, press and hold .
- 2 To unlock the phone, press any key then input the password.

- Lock feature will deactivate when the phone is powered off. Upon next power up, you will need to press to lock phone again.

BASIC OPERATION

DURING A CALL

To display menu options during a call, press  [OPTIONS].

■ MUTE (UNMUTE)

The caller cannot hear you or any sounds from your side but you can still hear them.



① Press  [OPTIONS] 1 .

- To deactivate, press  [OPTIONS] 1 .
- The phone will automatically unmute in Emergency Call or Callback mode.

■ SCRATCH PAD

Stores a new phone number during a call without the calling party hearing the key pad tones.



① Press  [OPTIONS] 2 .

- Press  [OPTIONS] 2  to deactivate it.

DURING A CALL

BASIC OPERATION

■ MESSAGES

Enables you to send a message (SMS) during a call.
(Refer to page 97 for more details.)



① Press  [OPTIONS] 3 .

■ PHONE BOOK

Display the Phone book menu.



① Press  [OPTIONS] 4 .

■ CALL HISTORY

Display the call history.



① Press  [OPTIONS] 5 .

BASIC OPERATION

DURING A CALL

■ VOICE PRIVACY

Enhances voice privacy during a call.



① Press  [OPTIONS] 6 .

■ PHONE INFO.

Enables you to view hardware version or software version while on a call.



① Press  [OPTIONS] 7 .

MAKING AN EMERGENCY CALL

BASIC OPERATION

The Emergency Call feature puts your phone in the Emergency Call Mode when you dial the preprogrammed emergency numbers, 120, 666, 999. It also operates in the lock mode and out of the service area.



■ EMERGENCY NUMBER IN LOCK MODE

The Emergency number call service is available even in the lock mode.

- ① Enter Emergency number and press .
- ② The call connects.
- ③ The phone exits the Lock Mode.

- When the call ends, the phone returns to the Lock Mode.

BASIC OPERATION

MAKING AN EMERGENCY CALL

■ EMERGENCY NUMBER USING ANY AVAILABLE SYSTEM

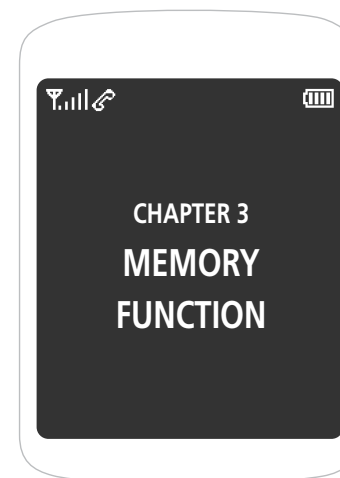
The 120, 666, 999 call service is available even in the lock mode.

① Enter Emergency number and press .

② The call connects.

③ The phone maintains the Emergency Mode.

- The phone returns to the Lock Mode.
- While the phone is in the emergency mode, the phone can receive an incoming call from any available system. However it can't make a call.



This chapter addresses memory functions including:

STORING A PHONE NUMBER

ENTERING LETTERS, NUMBERS & SYMBOLS

MEMORY FUNCTION

STORING A PHONE NUMBER

The Phone books stores up to 500 entries.



- 1 Enter phone number and press .
- 2 Select "Phone" or "UIM".
- 3 Choose "New" or "Existing".
Press to select.
- 4 The Phone # will appear next to a list of icons.
The name of the icon is displayed above the list. Use the Navigation key to choose the type of # you're adding, as indicated by the icon. Press to select.
- 5 Enter a name and press .
Please refer to page 40 for more details on entering letters, numbers & symbols.
To change the input mode, press [Abc].
Press the navigation key down to select the group.
Press the navigation key down to select other options (secret.email, ringer, photo, no name, memo).

- Name
- Group : No Group, Family, Relatives, Friends, Business, Colleagues, School, Club, VIP, Others
- Mobile
- Home

STORING A PHONE NUMBER

MEMORY FUNCTION

- Office
- Pager
- Others
- E-mail
- Ringer.
- Secret : Lock, Unlock.
- Photo
- No Name
- Memo
- The other fields are set to Numeric mode as a default.

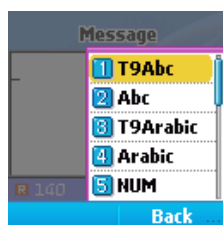
- 5 To store the entry, press .
"New Phonebook is added!" or "Phonebook is edited!" will be displayed.

MEMORY FUNCTION

ENTERING LETTERS, NUMBERS & SYMBOLS

The input mode (Alpha editor) will be automatically activated when necessary to enter letters and numbers. As shown below, there are 4 available modes. Standard input Mode(Abc, Arabic), T9 input mode(T9 Abc, T9 Arabic), Numeric mode(NUM), Symbol mode(Symbols).

The input mode indicator appears on the upper right of the display when letters and numbers are entered. To select the desired input mode among the 6 modes below, press  [MODE], then enter letters and numbers.



Input mode indicator

- **T9 Abc** : T9 mode
- **Abc** : Standard mode
- **T9 Arabic** : T9 mode
- **Arabic** : Standard mode
- **NUM** : Number mode
- **Symbols** : Symbol mode

ENTERING LETTERS, NUMBERS & SYMBOLS

MEMORY FUNCTION

The following illustrates the function assigned to each key in the Alpha Editor.

KEY	FUNCTION
	Mode Press to change mode. [T9 Abc][Abc][NUM][Symbols]
0 +	Next Press to view the next matching word if the highlighted word is not the word you intended.
# 	Space Press to accept a word and add a space.
* 	Caps Lock Press to select a letter case of the standard text input or T9 text input mode. [Abc], [ABC], and [abc] indicate the standard text input. [T9 Abc], [T9 ABC], and [T9 abc] indicate the predictive text input.
CLR	Clear Press to delete a character to the left of the cursor.

MEMORY FUNCTION

ENTERING LETTERS, NUMBERS & SYMBOLS

■ STANDARD INPUT MODE

There are two modes in standard input mode : Abc mode, Arabic mode.

Use the digit keys to enter letters, numbers and characters.

① Enter letters using the key pad as follows:

Abc mode

Key Pad	1 time	Repetitions 2 times	Repetitions 3 times	Repetitions 4 times	Repetitions 5 times
2ABC	A	B	C	2	A
3DEF	D	E	F	3	D
4GHI	G	H	I	4	G
:	:	:	:	:	:
9WXYZ	W	X	Y	Z	9

- When entering special character such as 1 . @ ? ! - , & : ' press 1 . repeatedly.

ENTERING LETTERS, NUMBERS & SYMBOLS

MEMORY FUNCTION

Arabic

Key	Character order
1 key	. ؟ ، ! ؛ " @ : 1 ; () * ~
2 key	ب ت ث 2
3 key	ا إ ا ء 3
4 key	ص ش س 4
5 key	ذ ر ز 5
6 key	ح ج 6
7 key	ي و ه ن 7
8 key	م ل ك ق ف 8
9 key	ظ ط 9
0 key	0

MEMORY FUNCTION

ENTERING LETTERS, NUMBERS & SYMBOLS

To change the input mode, press [Abc].

- 2 To enter a space, press . The cursor will automatically move to the next column.
- 3 Repeat until letters are entered.
- 4 To delete one digit, press **CLR** [CLEAR]. To delete the entire entry, press and hold **CLR** [CLEAR].
- 5 To change from lowercase to uppercase, press .

e.g.

Select **Abc** mode, by pressing [Abc].

When you select this mode, the Abc icon appears as a visual confirmation.

- Find the key that corresponds to the letter you want to enter.
- Press it as many times as needed for the letter to appear on the screen.
- To enter the name "John":

Press **J**
 Press **o**
 Press **h**
 Press **n**

ENTERING LETTERS, NUMBERS & SYMBOLS

MEMORY FUNCTION

e.g.

Select **Arabic** mode, by press and hold [Mode] and select "Arabic".

When you select this mode, the appears as a visual confirmation.

- Find the key that corresponds to the letter you want to enter.
- Press it as many times as needed for the letter to appear on the screen.
- To enter the name "صنعاء":

Press **ص**, **ن**, **ع**, **ا**
 Press **ص**, **ن**, **ع**, **ا**
 Press **ص**, **ن**, **ع**, **ا**
 Press **ص**, **ن**, **ع**, **ا**, **ص**, **ن**, **ع**, **ا**

ص
ن
ع
ا
ص
ن
ع
ا

MEMORY FUNCTION

ENTERING LETTERS, NUMBERS & SYMBOLS

■ T9 INPUT MODE

There are standard input mode : Abc mode.

The T9 input mode incorporates a built-in-dictionary to determine a word based on the entered characters. A word can be entered more quickly by pressing a key once per character.

- 1 Select the T9 Abc mode by pressing \ [Abc].
- 2 Press a digit key once to enter the character you want and enter all the characters to input the word you want.
- 3 To view the next matching word, press 0 + .
- 4 To accept matching word and enter a space, press #^G.



To enter a compound word.

- Enter the first part of the word and press ⌂➤ to accept it.
- Enter the last part of the word and press #^G to enter the word.



To enter "Phone Book" in the T9 input mode.

- Press \ [Abc] to select the T9 input mode and *^{PS} to choose the small letter case (T9abc).
- Press 7^{أبج} POR, 4^{غخ} GH, 6^م MNO, 6^ن MNO, 3^د DEF and you will see "phone" highlighted. Press ⌂➤ to select it.
- Press 2^{أبج} ABC, 6^م MNO, 6^ن MNO, 5^ج JKL and you will see "cool" highlighted and press 0 + to view the next matching word "book". Press #^G to select the compound word and enter a space.

ENTERING LETTERS, NUMBERS & SYMBOLS

MEMORY FUNCTION

■ NUMERIC MODE

Allows you to enter numbers.

- 1 Press \ [Abc] until the current input mode changes to the "NUM (Numeric mode)".
- 2 To enter a number, press a digit key.

■ SYMBOL MODE

Allows you to enter symbols.

- 1 Press \ [Abc] until the "Symbols (Symbol mode)" appears.
- 2 Select the symbol you want to enter with the Navigation Key.

- Use the Navigation Key to view a different line of symbols.

Press [⏪ ⏩], or Press [⏪ ⏩].

MEMORY FUNCTION

ENTERING LETTERS,
NUMBERS & SYMBOLS

SPEED DIAL

In idle mode, calls can be placed to numbers stored in speed dial by pressing & holding the location number on the key pad.
For a 2-digit location number, press the first number, then press and hold the second number. You can setting up speed dial entries from saved in your phone's memory.

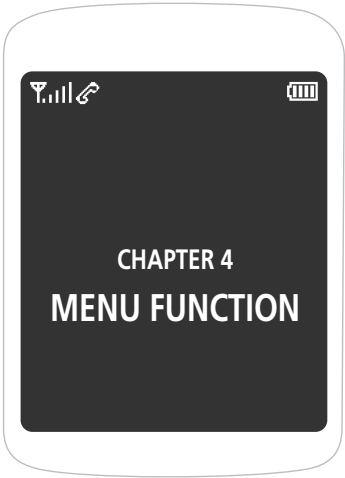


1 To assign a phone number to a location, select the location then press [SET].

- If a phone number is already assigned to the location, press [OPTIONS] and [BACK].
- To edit it, press [OPTIONS], then select "Edit".
To delete it, press [OPTIONS], then select "Delete".

2 Select the entry with the Navigation Key and press [OK].

- If the entry is set to secret, you will be asked for your password.



This chapter addresses accessing the menu and using its functions and features to customize your phone.

- PHONE BOOK
- MESSAGES
- CALL HISTORY
- PROFILES
- DISPLAY
- SETTINGS
- ORGANISER
- GAME

■ ADD NAME

Adds a new entry.



PHONE

- 1 To add a new entry to the phone's memory.

- **PHONE BOOK FIELD :**

Name/Groups/Mobile/Home/Office/Pager/Others/E-Mail/
Ringer/Secret/Photo/No name(You can edit name.)/Memo

- 2 To enter a name or number, use the Navigation Key to select the phone book field.
Please refer to page 40 for more details on entering letters, numbers & symbols.
- 3 3.1 To save the entry, press .
3.2 To return to the previous page, press [BACK].

Stores up to 500 entries, each of which can be assigned to a group.
Entries can be retrieved by name or group.

UIM

- 1 To add a new entry to the UIM card.
- 2 To enter a name or number, use the Navigation Key to select the phone book field.

- 3 3.1 To save the entry, press .
3.2 To return to the previous page, press [BACK].

■ FIND

Retrieves an entry by name and calls by simply pressing .
You can review all the entries stored in your phone book list or find an entry quickly by entering a name or its character string.



BY NAME

- 1 Press [MENU] 1 !.?. , 2 بیت ABC , 1 !.?.
- 2 The list of names in your phone book is displayed alphabetically. Use Navigation key to select the name.
- 3 Enter a name or its character string or scroll through the list with the Navigation Key. Please refer to page 40 for more details on entering letters, numbers & symbols.
- 4 All matching entries will be displayed. Highlight an entry. Press to edit the entry.
Press [OPTIONS] to 1. Edit, 2. Send Message., 3. Prepend 4. To UIM, 5. Delete.
 - If the entry is set to secret, you will be asked for your password. (Refer to page 72 for password information.)
- 5 To call the selected number, press .

BY NUMBER

- ① Press  [MENU] 1 , 2 , 2 .
- ② The list of phone numbers saved in your phone book will be displayed in numeric order.
- ③ Enter the phone number or scroll through the list with the Navigation Key. The name associated with that number will be displayed at the bottom of the screen.
- ④ All matching entries will be displayed. Highlight an entry. Press  to edit the entry. Press  [OPTIONS] to 1. Edit, 2.Send Message., 3. Prepend 4. To UIM, 5. Delete.
 - Press  [MENU] 2  to deactivate it.
- ⑤ To call the selected number, press .

BY GROUP

You can search for the data of saved in your phone's memory.

- ① Press  [MENU] 1 , 2 , 3 .
- ② The list of phone numbers saved in your phone book will be displayed in group order.
- ③ Select one of the following groups (No Group, Family, Relatives, Friends, Business, Colleagues, School, Club, VIP, Others) with .
- ④ All matching entries will be displayed. Highlight an entry. Press  to edit the entry. Press  [OPTIONS] to 1. Edit, 2.Send Message., 3. Prepend 4. To UIM, 5. Delete.
 - If the entry is set to secret, you will be asked for your password.
- ⑤ To call the selected number, press .

■ GROUP

Phone entries into groups. Existing groups include No Group, Family, Relatives, Friends, Business, Colleagues, School, Club, VIP, Others.



RENAME

- ① Select an existing group name with the Navigation Key.
- ② Press [EDIT] to select "Rename".
- ③ Input a new group name.
- ④ Press to save it.

GROUP RINGER

- ① Select an existing group name with the Navigation Key.
- ② Press [OPTIONS] to select "Default", "Change".
- ③ Select a ring.
- ④ Press to save it.

■ SPEED DIAL

In idle mode, calls can be placed to numbers stored in speed dial by pressing & holding the location number on the key pad. For a 2-digit location number, press the first number, then press and hold the second number. You can setting up speed dial entries from saved in your phone's memory.



- ① To assign a phone number to a location, select the location then press [SET].
 - If a phone number is already assigned to the location, press [OPTIONS] and [BACK].
 - To edit it, press [OPTIONS], then select "Edit".
 - To delete it, press [OPTIONS], then select "Delete".
- ② Select the entry with the Navigation Key and press .

PHONEBOOK COPY

Allows you to copy the number to another location, either Phone or UIM.



PHONE TO UIM

- 1 Press [MENU] 1 1.2., 5 ١٢٣٤٥ JKL, 1 1.2.
You can copy all of the names stored on the phone's memory to the UIM card.

UIM TO PHONE

- 1 Press [MENU] 1 1.2., 5 ١٢٣٤٥ JKL, 2 ٢٣٤٥٦٧٨٩٠ ABC.
You can copy all of the names stored on the UIM card to the phone's memory.

SETTINGS

- 1 Press [MENU] 1 1.2., 5 ١٢٣٤٥ JKL, 3 ٣٤٥٦٧٨٩٠ DEF.
- 2 Select one of the Phonebook Copy options:

- Check Duplicate
- Delete After Copy

- 3 To check, press .
- 4 To save, press .

MISSED

Display information about the 30 most recently missed calls. Place a call to a missed call number by simply pressing .



- 1 To see a list of the 30 most recent missed calls,
Press [MENU] 3 ٣٤٥٦٧٨٩٠ DEF, 1 1.2.
If the number is already stored in your phone book, name and num appears.
If the number is not stored, only the phone number appears.

- 2 To view missed call details, press .



Call details include date, time, and phone number.

- 3 Press [OPTIONS] to following items is displayed:

- **Save** : Stores the phone number in your phone book.
- **Send Message** : Sends a message to the phone number.
- **Prepend** : The user may add the desired number before the number.
- **Delete** : To delete missed calls list.
- **Delete All** : To delete all missed calls list.



After 30 Received, Dialed or Missed calls, the oldest call will automatically be deleted from the history.

■ RECEIVED

Displays information about the 30 most recently Received calls. Place a call to a incoming call number by simply pressing ➡.



- 1 To see a list of the 30 most recent Received calls,
Press ➡ [MENU] 3 DEF, 2 ب ت ث ABC.
If the number is already stored in your phone book,
name and num appears.
If the number is not stored, only the phone number
appears.

- 2 To view incoming call details, press ✨.



NOTE Call details include date, time, and phone number.

- 3 Press ➡ [OPTIONS] to following items is displayed:

- **Save** : Stores the phone number in your phone book.
- **Send Message** : Sends a message to the phone number.
- **Prepend** : The user may add the desired number before the number.
- **Delete** : To delete missed calls list.
- **Delete All** : To delete all missed calls list.



NOTE After 30 Received, Dialed or Missed calls, the oldest call will automatically be deleted from the history.

■ DIALLED

Displays information about the 30 most recently Dialed calls. Place a call to a outgoing call number by simply pressing ➡.



- 1 To see a list of the 30 most recent Dialed calls,
Press ➡ [MENU] 3 DEF, 3 DEF.
If the number is already stored in your phone book,
name and num appears.
If the number is not stored, only the phone number
appears.

- 2 To view outgoing call details, press ✨.



NOTE Call details include date, time, and phone number.

- 3 Press ➡ [OPTIONS] to following items is displayed:

- **Save** : Stores the phone number in your phone book.
- **Send Message** : Sends a message to the phone number.
- **Prepend** : The user may add the desired number before the number.
- **Delete** : To delete missed calls list.
- **Delete All** : To delete all missed calls list.



NOTE After 30 Received, Dialed or Missed calls, the oldest call will automatically be deleted from the history.

■ CALL DURATION

In this menu, shows details about the call, such as the number or name, if available, the time and date it was dialled, last call, or all calls.



ALL DIALLED CALLS

Displays information of all dialled calls.



Press navigation left or right key to change the mode
"All dialled calls", "Last dialled call" or "All calls".

LAST DIALLED CALL

Displays information of last call.



Press navigation left or right key to change the mode
"All dialled calls", "Last dialled call" or "All calls".

ALL CALLS

Displays information of all missed, received and dialled calls.



Press navigation left or right key to change the mode
"All dialled calls", "Last dialled call" or "All calls".

Customizes your cellular telephone and optimizes performance through a variety of settings.

■ PROFILES

The phone provides you five profiles, which have a set of features to control (General/Outdoor/Meeting/Silent/Vibrate Only/Profile 1/Profile 2). You can easily choose a profile and switch to another. The default of each profile is in the table below. You can adjust the features of each profile.



- 1 Select one of the following options by pressing the Navigation key to the Up/Down and press

- General/Outdoor/Meeting/Silent/Vibrate Only/Profile 1 /Profile 2
- General/Outdoor/Meeting/Profile 1/Profile 2
 - Ringer Type :
 - Calls : Determines ring tone style.
(Silent/Vibrate/1 Beep/Ascending/Ring/Ring & Vib./Ring After Vib.)
 - Message Alerts : Determines the tone of the received message.
(Ring/Vibrate/Silent/Ring&Remind/Vibrate&Remind)
 - Ring Tone :
 - Calls : Sets the ringtone of the incoming call.
Setting of the downloaded ringtone is possible.
(32 Melodies/5 Bells/Downloads)

Messages : Sets the tone of the text message. (Tone 1~5)

Voice mail : Sets the tone of the voice mail. (Tone 1~5)

Ringer Volume : Sets the volume of the ringtone.
(Mute/Level1~5)

Key Volume : Sets the volume of the keytone.
(Off,Level1~5)

Earpiece Volume : Adjusts the volume of earpiece.
(Level1~5) - during a call

Speaker Volume : Adjusts the speaker volume of the
speaker mode. (Level1~5) - during a call

Speaker Mode : Sets the speaker mode. (On/Off)



Profile 1/Profile 2, General, Outdoor, and Meeting mode can be edited.

1 Press and hold the star key to change to the vibrate only mode.

THEME

To select an LCD display:



STANDBY

- 1 Press [MENU] 5 مَنُورْز JKL, 1.؟., 1.؟..
- 2 Select Default to choose a standby display, or Downloads or Saved to Phone to choose a display you have down loaded to your phone.
- 3 To save it, press ✨.

POWER ON

- 1 Press [MENU] 5 مَنُورْز JKL, 1.؟., 2 بَتَوَتْ ABC.
- 2 Select Default to choose a pre-installed display, display, or Downloads or Saved to Phone to choose a display you have downloaded to your phone.
- 3 To save it, press ✨.

POWER OFF

- 1 Press [MENU] 5 , 1 , 3 .
- 2 Select Default to choose a pre-installed display, display, or Downloads or Saved to Phone to choose a display you have downloaded to your phone.
- 3 To save it, press .

RECEIVED CALL

- 1 Press [MENU] 5 , 1 , 4 .
- 2 Select Default to choose a pre-installed display, or Downloads or Saved to Phone to choose a display you have downloaded to your phone.
- 3 To save it, press .

DIALLED CALL

- 1 Press [MENU] 5 , 1 , 5 .
- 2 Select Default to choose a pre-installed display, display, or Downloads or Saved to Phone to choose a display you have downloaded to your phone.
- 3 To save it, press .

■ LANGUAGE

Selects the language in which letters are displayed on screen.



- Arabic
- English

■ BANNER

To input a personal greeting:



- 1 Select "Message", "Font Color" or "Entry Message" with the Navigation Key and press .

- Message : On/Off
- Font Color : Black/Blue/Green/Magenta/Maroon
- Entry Message : Enter message.

■ CONTRAST

To adjust the display contrast:



① Use ◀, ▶, ⏮, or ⏭ to select a contrast level.

- CONTRAST LEVEL : 1~5

■ BACKLIGHT

Backlights the display for easy viewing in dark places.



① Select "Backlight" then select the duration with the Navigation Key and press ✱.

- LCD : 7 Secs / 15 Secs / 30 Secs / 60 Secs / Always On
- KEYPAD : 7 Secs / 15 Secs / 30 Secs / 60 Secs / Always On / Always Off

■ CALL



CALL WAITING

Notifies you of an incoming call when you're on a call by sounding a beep and displaying the caller's phone number on the screen.

① Press / [MENU] 6 ع MNO, 1 ا 1.2.3, 1 ا 1.2.3.

- **Enable** : If you select enable, you can accept a waiting (receiving) call.
- **Disable** : If you select disable, you cannot recognize the waiting (receiving) call.
- **Edit Feature Code** : If you select edit feature code, you can edit code.

CALL FORWARDING

This network service enables incoming calls to be rerouted to a number that you specify.

① Press / [MENU] 6 ع MNO, 1 ا 1.2.3, 2 ا ABC.

- **Uncondition** : To forward all incoming calls to a specified number.
- **Busy** : To forward calls when your phone is busy.
- **No Answer** : To forward all calls that you do not answer within a specified period of time.
- **Busy/No Answer** : Calls are diverted when you do not answer the phone or phone is busy.

ANSWER MODE

To select an answer mode:

- 1 Press [MENU] 6 , 1 , 3 .
- 2 Press and select "Send Key", "Any Key" or "Slide Open" with the navigation key.

- **Send key** : Press only send key to answer a call.
- **Any Key** : Press any key to answer an incoming call except "CLR", "END Key" and "OK Key".
- **Slide Open** : Set the phone to answer a call with slide open.

AUTO REDIAL

Automatically redial a call up to 5 times after a set time interval.

- 1 Press [MENU] 6 , 1 , 4 .
- 2 Select redial time and select a time interval option (Off, 3, 5, 7, 10 Secs) with the Navigation key.
- 3 Select repeat and select a time interval option (1time, 3times, 5times) with the Navigation key.
- 4 To save, press .

VOICE PRIVACY

The voice Privacy feature encrypts the voice channel so that no one can eavesdrop on your phone conversations.

- 1 Press [MENU] 6 , 1 , 5 .
- 2 Select one of the Voice Privacy options:

- **Standard**
- **Enhanced**

- 3 To save, press .

CALL TIMER

Enable option to see the amount of time spent on a call.

- 1 Press [MENU] 6 , 1 , 6 .
- 2 Select Off or On option with the navigation key.
- 3 To save, press .

AUTO ANSWER

Automatically answers a call after a preset number of rings. An ideal setting for the hands-free car kit.

- 1 Press [MENU] 6 , 1 , 7 .
 - 2 Select one of the Auto Answer options:
- **Off/5 Secs/10 Secs/18 Secs**
- 3 To save, press .

TONE LENGTH

To adjust tone length:

- 1 Press [MENU] 6 , 1 , 8 .
- 2 Select "Normal" or "Long" with the Navigation Key then press to save it.

CONNECT ALERT

Set the phone to beep when an outgoing call is connected to the system.

- 1 Press [MENU] 6 , 1 , 9 .
- 2 Select "On" or "Off" with the Navigation Key then press to save it.

DISCONNECT ALERT

Set the phone to beep when a call is disconnected.

- 1 Press [MENU] 6 , 1 , 0 + .
- 2 Select "On" or "Off" with the Navigation Key then press to save it.

MINUTE ALERT

Set the phone to beep every minute during a call.

- 1 Press [MENU] 6 , 1 , "Minute Alert".
- 2 Select "On" or "Off" with the Navigation Key then press to save it.

SIGNAL FADE ALERT

- 1 Press [MENU] 6 , 1 , "Signal Fade Alert".
- 2 Select "On" or "Off" with the Navigation Key then press to save it.

PHONE



DATA SETTINGS

Allows you to transfer data when your cellular telephone is connected to a PC.

- 1 Press [MENU] 6 , 2 , 1 .
- 2 Select one of the following item.

- Receive Mode : Voice Call/Data Only/Fax Only
- Data Speed : 19200 bps/115200 bps/230400 bps
- Port : NULL PORT/RS232C/USB DATA

SLIDE ALERT

use this menu to select the tone that the phone sounds when you open or close the phone.

- 1 Press [MENU] 6 , 2 , 2 .
- 2 Select "On" or "Off" with the Navigation Key then press to save it.

PHONE INFO

- 1 Press [MENU] 6 , 2 , 3 .
- 2 You are to see the version of My Phone Number, S/W Version and H/W Version and others.
- 3 To return to the previous page, press .

■ SECURITY

Prevents unauthorized use of your cellular telephone. The following settings can be restricted:



PHONE LOCK

Prevents the phone from being used without entering the password first.

- 1 Press [MENU] 6 , 3 , then enter "Password".



The default password is the last 4 digits of your phone number.

- 2 Press 1 . then select "Lock Now", "Lock On Power Up" or "Off" and press .

- **Lock Now** : Lock the phone now.
- **Lock On Power Up** : Do not lock the phone now, but it is automatically locked when power recycled.
- **Off** : Do not lock the phone.

CHANGE CODE

Changes your 4-digit password.

- 1 Press [MENU] 6 , 3 , then enter "Password".



The default password is the last 4 digits of your phone number.

- 2 Press 2 .
- 3 Enter a new password then press .
- 4 Enter the new password again and press .

UIM

UIM LOCK

Blocks access to UIM card.

- ① Press [MENU] 6 , 3 , then enter "Password".
- ② Press 3 , 1 . then select "Enable PIN" or "Disable PIN" with the Navigation Key and press .

PIN CODE CHANGE

Change the pincode.

- ① Press [MENU] 6 , 3 , then enter "Password".
- ② Press 3 , 2 .
- ③ Enter a new PIN code then press .
- ④ Enter the new PIN code again and press .



It can be changed when the PIN cord is enabled.

RESTRICT

PHONE BOOK

Blocks access to phone book.

- ① Press [MENU] 6 , 3 , then enter "Password".
- ② Press 4 , 1 . then select "Allow" or "Restrict" with the Navigation Key and press .

- **Allow** : Allows access to the phone book.
- **Restrict** : Restricts access to the phone book.

CALL HISTORY

Blocks access to call history.

- ① Press [MENU] 6 , 3 , then enter "Password".
- ② Press 4 , 2 then select "Allow" or "Restrict" with the Navigation Key and press .

- **Allow** : Allow access to call history.
- **Restrict** : Restrict access to call history.

OUTGOING CALL

Blocks all outgoing Calls – except emergency calls – but allows an incoming call to be placed.

- ① Press [MENU] 6 , 3 , then enter "Password".
- ② Press 4 , 3 then select "Allow" or "Restrict" with the Navigation Key and press .

- **Allow** : Allow access to outgoing call.
- **Restrict** : Restrict access to outgoing call.

MESSAGES

Blocks access to message.

- ① Press [MENU] 6 , 3 , then enter "Password".
- ② Press 4 , 4 then select "Allow" or "Restrict" with the Navigation Key and press .

- **Allow** : Allow access to message.
- **Restrict** : Restrict access to message.

CAMERA

Blocks access to camera.

- ① Press [MENU] 6 ^{ع ع ع ع} MNO, 3 ^{ا ب ج} DEF, then enter "Password".
- ② Press 4 ^{ح د ه ز} GHI, 5 ^{ط ق ك ل} JKL then select "Allow" or "Restrict" with the Navigation Key and press .

- **Allow** : Allow access to camera.
- **Restrict** : Restrict access to camera.

EMERGENCY NUMBERS

Stores 3 phone numbers that can be called even in the lock mode.

- ① Press [MENU] 6 ^{ع ع ع ع} MNO, 3 ^{ا ب ج} DEF, then enter "Password".



The default password is the last 4 digits of your phone number.

- ② Press 5 ^{ط ق ك ل} JKL then select a location with the Navigation Key, press .

- ② Input a phone number, press again to save.



Press the delete key to delete the saved numbers in case the numbers are saved.

DELETE ALL

Clears all phone book, downloads, and photo gallery entries.

- ① Press [MENU] 6 ^{ع ع ع ع} MNO, 3 ^{ا ب ج} DEF, then enter "Password".



The default password is the last 4 digits of your phone number.

- ② Press 6 ^{ع ع ع ع} MNO.

- ③ Check "Phone Book:Phone/Phone Book:UIM /Call History" and press to delete all the items in those categories.

RESET PHONE

Resets phone to default settings.

- ① Press [MENU] 6 ^{ع ع ع ع} MNO, 3 ^{ا ب ج} DEF, then enter "Password".



The default password is the last 4 digits of your phone number.

- ② Press 7 ^{ن ه و ي} PQRS.

- ③ Select "Reset" or "Clear Memory & Reset" with the Navigation key. Press .

■ SCHEDULER

Sets a scheduled plan and reminds you of that plan.



ADD EVENT

- 1 Press [MENU] 7 نهوي PQRS, 1 !.?.
- 2 Move the Navigation Key left, right, up or down to choose a date in the calendar then press .
- 3 To select plan options, press the Navigation Key downwards.

DATE

Use the key pad to change or enter the date, then press .

TIME

Use the key pad to set a time and to select "AM" or "PM", then press .

EVENT

Use the key pad to input a event message, then press .

SETTING

Select an alert time interval option (On Time, 10 Min Before, 30 Min Before, 1 Hour Before, No Alarm) using the Navigation Key.

RINGER

To set a Ringer, press [OPTIONS], then select "Default" or "Change" using the Navigation Key. To save it press .

- **Default** : To set default ringer type.
- **Change** : To set custom ringer type.

- 4 To save it, press or [BACK] to return to the calendar.
- 5 The date of the Scheduler will be marked on your calendar.

■ ALARM

You can set up to 3 alarms.



- 1 To display alarm entries, press [MENU] 7 نهوي PQRS, 2 بیت 2 ABC.
- 2 Select one of the entries using the Navigation Key. To set a new alarm, choose alarm 1, 2 or 3. To edit an existing alarm, select that alarm. Press .
- 3 To select alarm options, press the Navigation Key down.

SETTING

Use the Navigation Key to select a setting for the alarm (Once, Daily, Mon-Fri, Weekly, Monthly, Off).

- **Off**
- **Once** : Enter a date.
- **Daily** : Select a time.
- **Mon - Fri**
- **Weekly** : Select "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Sunday".
- **Monthly** : Select 1 ~31.

DATE

Use the key pad to change or enter the date for the alarm then press .

TIME

Use the key pad to set a time for the event and  to select "AM" or "PM" then press .

SNOOZING

Use the Navigation Key to select a Snoozing setting (Off, 1 Time after 5 min, 1 Time after 10 min, 3 Times by 5 min).



Stopping the alarm ringing with End key will deactivate snoozing function.

RINGER

To set a "Ringer" press  [OPTIONS], then select "Default" or "Change" with Navigation Key.

To save it press .

- **Default** : To set default ringer type.
- **Change** : To set custom ringer type.

④ To save an alarm setting press .

MEMO

Your phone includes an internal Notes pad that can be used to compose and store reminders and notes.



① Press  [MENU] 7  3 .

NEW

To compose a memo (there is an 80-letter limit):

① Press  [MENU] 7  3  1 .

② Input a new text notes.
(Please refer to page 40 for more details on entering letters, numbers and symbols.)

③ To save, press .

LIST

To view a saved memo:

- 1 Press [MENU] 7 ن هوي PQRS, 3 اء DEF, 2 بتت ABC .
- 2 The list of all memos, in saved order, is displayed.
Select a notes then press .
To add a new memo, press [OPTIONS], "Add New".
To delete a memos, press [OPTIONS], "Delete".
To delete all memos, press [OPTIONS], "Delete All".
- 3 The selected notes will appear. To edit it, press [OPTIONS], select "Edit" and input a new text memo.
- 4 To save, press .

SETTINGS

To select memo pad background image:

- 1 Press [MENU] 7 ن هوي PQRS, 3 اء DEF, 3 اء DEF .
- 2 Select "Paper", "Pattern", "Sea", "Sky", "Flower", "White" then press .

■ CALCULATOR

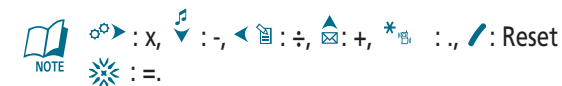
To access the calculator:



- 1 Press [MENU] 7 ن هوي PQRS, 4 سش صخ غHI .
- 2 Follow the instructions below to calculate $8 \times 6 / 4 - 2.5$

- Input 8.
- Move the Navigation Key to the right.
- Input 6 then press the Navigation Key to the left.
- Input 4 then press the Navigation Key down.
- Input 2 then press to input dot (.).
- Press 5.
- Then press and you will see the answer.

- 3 To reset, press [RESET].



■ CURRENCY CONVERT

Convert converts a figure between different units i.e. Length, Area, Volume, Weight, and Temperature.



- 1 Press [MENU] 7 ن هوي PQRS, 5 موزر JKL .

■ STOPWATCH

Simultaneously times up to six different events.

To operate the Chronometer:



- ① Press [MENU] , .
- ② To measure a time period:
 1. To start the stop watch, press [START].
 2. To pause it, press [STOP].
 3. To resume it press , to return to the previous page, press [BACK].
- ③ To time up to Five events at once:
 1. To start, press [START].
 2. To stop a time period and continue measuring another one, press [SPLIT].
 3. To stop the second and continue measuring a third one, press [SPLIT].
 4. To measure up to Five time periods, repeat the above steps.
 5. To stop the stop watch, press [STOP].
 6. To review the results, press .
 7. To return to the stop watch, press [BACK].
 8. To reset it, press .

■ WORLD CLOCK

To display the time and date in pre-programmed cities:



- ① Press [MENU] , .
- ② Select a city.
- ③ The world map appears with the city, its date and time.

- Use the Navigation Key to select another city.



As the daylight saving time is not applied, it may be different from the actual time during DST.

MENU FUNCTION

ORGANISER

■ SNAKE



① Press [MENU] 8 فائق كالم TUV , 1 1.2.3. .

■ ICARUS



① Press [MENU] 8 فائق كالم TUV , 2 بیت 2 ABC .

CAMERA

MENU FUNCTION

■ TAKE PHOTO



① Press to take a photo and save it.

QUALITY

① Press [CAMERA KEY] 1 1.2.3. and then [OPTIONS] 1 1.2.3. .

② Select one of the following options:

• High/Normal/Low

RESOLUTION

① Press [CAMERA KEY] 1 1.2.3. and then [OPTIONS] 2 بیت 2 ABC .

② Select one of the following options:

• 160X120/320X240/640X480



Resolution works to 128X128 in case of Frame mode setting.

MULTI SHOT

- 1 Press  [CAMERA KEY] 1  and then  [OPTIONS] 3 .
- 2 Select one of the following options:

- **Off/2/3/4/5**

TIMER

- 1 Press  [CAMERA KEY] 1  and then  [OPTIONS] 4 .
- 2 Select one of the following options:

- **Off/5 Secs/10 Secs**

CONTRAST

- 1 Press  [CAMERA KEY]  and then  [OPTIONS] .
- 2 Select one of the following options:

- **level 5**

COLOR TONE

- 1 Press [CAMERA KEY] 1 1.?, and then [OPTIONS] 6 .

- **None/Black & White/Sepia/Negative/Emboss/Sketch**

FRAMES

- 1 Press  [CAMERA KEY] 1 1.2. and then  [OPTIONS] 7 نهوي PORS.

FLASH

- 1 Press [CAMERA KEY] 1 1.2. and then [OPTIONS] 8 .

- **Off/On**

ALBUM

TAKE PHOTO



- 1 Press  [CAMERA KEY] 2  [OPTIONS] 1 1.?, and

RENAME

To rename a picture.

- 1 Press  [CAMERA KEY] 2  , and then  [OPTIONS] 2 .

SET WALLPAPER

To set for Standby, Power On, Power Off, Received Call and Dialed Call image.

- 1 Press [CAMERA KEY] 2 ^{بیت فٹ} ABC, and then [OPTIONS] 3 ^{اے} DEF.

SET PHONEBOOK

- 1 Press [CAMERA KEY] 2 ^{بیت فٹ} ABC, and then [OPTIONS] 4 ^{بیت فٹ} GHI.

DELETE

To delete a picture.

- 1 Press [CAMERA KEY] 2 ^{بیت فٹ} ABC, and then [OPTIONS] 5 ^{بیت فٹ} JKL.

DELETE ALL

To delete a all picture.

- 1 Press [CAMERA KEY] 2 ^{بیت فٹ} ABC, and then [OPTIONS] 6 ^{بیت فٹ} MNO.

INFORMATION

To display a information in picture.

- 1 Press [CAMERA KEY] 2 ^{بیت فٹ} ABC, and then [OPTIONS] 7 ^{بیت فٹ} PQRS.

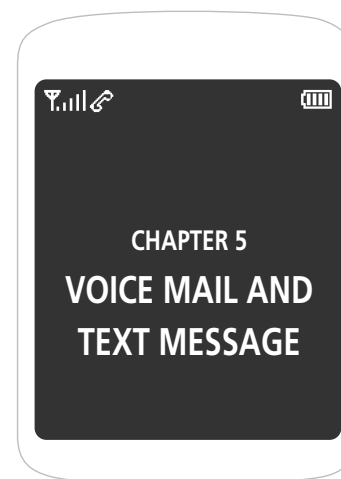
■ SETTINGS**DATE & TIME**

- 1 Press [CAMERA KEY] 3 ^{اے} DEF, 1 ^{بیت فٹ} !,?,.
- 2 Select "Show" or "Hide" then press to save it.

SHUTTER SOUND

- 1 Press [CAMERA KEY] 3 ^{اے} DEF, 2 ^{بیت فٹ} ABC.
- 2 Select one of the following options:

- SOUND1~5/Off



This chapter addresses Voice Mail and Text Messaging or Picture message functions including:

WHEN A NEW MESSAGE ARRIVES

WRITE

INBOX

OUTBOX

VOICE MAIL

DRAFTS

TEMPLATES

DELETE ALL

SETTINGS

MSG. GROUP

MSG COPY

VOICE MAIL AND TEXT MESSAGE

■ TEXT MESSAGE

TEXT MESSAGE

- ❶ The display appears when a new message arrives.
- ❷ To display the message, press [READ].

VOICE MAIL

Displays the number of voice mails.
You can access them by pressing .

- ❶ Press [MENU] 2 , 4 or press and hold .

■ WRITE

To send a new Text message:



- ❶ Press [MENU] 2 , 1 or press , 1 .

- ❷ Under "Send To", input the phone number.

- By pressing [OPTIONS], the user can choose from the following:
 1. **Send** : Send the text message.
 2. **Find** : Allows the user to search the phone number which is stored in the Phone Book.
 3. **Save Message** : Save the text message.

VOICE MAIL AND TEXT MESSAGE

- ❸ Under "Message", input a new TEXT message and press . (Please refer to page 40 for more details on entering letters, numbers and symbols.)

- By pressing [OPTIONS], in the message input screen you can choose from the following:
 1. **Insert Template** : Insert Templates.
 2. **Save to Templates** : Save Templates.

- ❹ Press the Navigation Key down for more fields. Under "Priority", select "Normal", "Urgent" or "Emergency".
- ❺ Under "Deferred Deliv.", select "Immediate", "After 30 Minutes", "After 1 Hour", "After 2 Hours", "After 12 Hours".
- ❻ Under "Delivery Ack", select "On" or "Off".
- ❼ Under "Insert Signature", select "On" or "Off".
- ❽ To send the text message, press [OPTIONS], select the "Send", then press . To save the text message, press [OPTIONS], select "Save Message", then press .

VOICE MAIL AND TEXT MESSAGE

INBOX



- 1 Press [MENU] 2 , 2 or press , 2 .
- 2 Select a "Phone" or "UIM".
- 3 Select a message then press . The message is displayed. To delete a message, press [Delete].
- 4 Press [OPTIONS]. Menu options include:

REPLY

- 1 To reply the text message, select "Reply".
- 2 Input any text message to reply, then press .
- 3 To send the text message, press [OPTIONS], then select "Send" then press .

FORWARD

- 1 To forward the text message, select "Forward".
- 2 Input the phone number of the person you are sending the message to then press .

VOICE MAIL AND TEXT MESSAGE

- 3 Input any text message to go along with the forwarded message, then press .
- 4 To send the text message, press [OPTIONS], then select "Send" then press .

SAVE TO TEMPLATES

- 1 To save the text message to templates, select "Save to Templates".

SAVE TO PHONE BOOK

- 1 To save the number to PHONE BOOK, select "Save to Phone book".

SAVE TO DRAFTS

- 1 To save the text message to draft, select "Save to Drafts".

LOCK & UNLOCK

- 1 To lock or unlock the text message, select "Lock & Unlock".
- 2 Select "Lock" to lock the message or "Unlock" to unlock the message, then press .



It is not displayed for stored message on UIM.

VOICE MAIL AND TEXT MESSAGE

COPY TO UIM

- 1 To copy the messages, select "COPY TO UIM".
- 2 You can copy the messages stored on the phone's memory to the UIM card or UIM card to the phone's memory.

DELETE

- 1 To delete this message, select "Delete".
- 2 "Delete This Message?" will be displayed.

VOICE MAIL AND TEXT MESSAGE

OUTBOX

Manages sent text messages or messages waiting to be sent.



- 1 Press [MENU] 2 بیت ABC, 3 اء DEF or press , 3 اء DEF .
- 2 Select a message, then press .
The text message is displayed.
- 3 Press [OPTIONS].

SEND TO

- 1 To resend a text message.

SAVE TO PHONE BOOK

- 1 To save the number to Phone book, select "Save to Phone book".

SAVE TO DRAFTS

- 1 To save the text message to draft, select "Save to Drafts".

DETAIL

- 1 To detail this message, select "Detail".

VOICE MAIL AND TEXT MESSAGE

LOCK & UNLOCK

- 1 To lock or unlock the text message, select "Lock & Unlock".
- 2 Select "Lock" to lock the message or "Unlock" to unlock the message, then press .

DELETE

- 1 To delete this message, select "Delete".
- 2 "Delete This Message?" will be displayed.

VOICE MAIL

Displays the number of voice mails and accesses them by pressing .



- 1 To access your voice mail, press  [MENU] 2 , 4  or press , 4 .

VOICE MAIL AND TEXT MESSAGE

DRAFTS

Draft Folder contains any draft messages or saved messages. If message composition is interrupted by a voice call or other interrupting event, the text of the current composition is automatically saved to the draft folder.



- 1 Press  [MENU] 2 , 5  or press , 5 .
- 2 Select a message, then press . The text message is displayed.

• By pressing  [OPTIONS], the user can choose from the following:

1. **Send to** : Send the text message.
2. **Save to Phonebook** : Save the number to Phone book.
3. **Lock & Unlock** : To Lock or Unlock the text message.
4. **Delete** : To delete this message.

- 3 To delete Message, press  [DELETE].
- 4 Press .

VOICE MAIL AND TEXT MESSAGE

■ TEMPLATES



- ① Press [MENU] 2 **بیت 2 ABC**, 6 **ج ح خ 6 MNO** or press , 6 **ج ح خ 6 MNO**.
- ② Select a message from the list. Press [OPTIONS].
To add a new template message, select "Add New".
To edit the template message you have selected, select "Edit".
To delete the saved template message, select "Delete".

■ DELETE ALL



- ① Press [MENU] 2 **بیت 2 ABC**, 7 **ن ه و ی 7 PQRS** or press , 7 **ن ه و ی 7 PQRS**.
- ② 1. To delete all the Inbox messages, press 1 **۱.؟.**.
Select "Phone" or "UIM".
Select "Read" or "All".
2. To delete all the Outbox messages, press 2 **بیت 2 ABC**.
3. To delete all the Drafts messages, press 3 **ء 3 DEF**.
4. To delete All Folders messages, press 4 **ج ح خ 4 MNO**.

- Read : To delete all messages already read.
(However, the locked Message(s) will not be deleted).
- All : To delete all messages.

VOICE MAIL AND TEXT MESSAGE

■ SETTINGS

Manages messaging features through various features.



SAVE SENT MSG

- ① Press [MENU] 2 **بیت 2 ABC**, 8 **ن ق ک ل م 8 TUV**, 1 **۱.؟.** or press , 8 **ن ق ک ل م 8 TUV**, 1 **۱.؟.**.
- ② Select one from "Off", "On" or "Prompt" with the Navigation Key and press .

AUTO DELETE

Automatically deletes inbox/outbox messages when new messages arrive in memory full state.

INBOX

- ① Press [MENU] 2 **بیت 2 ABC**, 8 **ن ق ک ل م 8 TUV**, 2 **بیت 2 ABC** or press , 8 **ن ق ک ل م 8 TUV**, 2 **بیت 2 ABC**.
- ② Press 1 **۱.؟.**.
Select "Disable" or "Enable" with Navigation Key and press .

OUTBOX

- ① Press [MENU] 2 **بیت 2 ABC**, 8 **ن ق ک ل م 8 TUV**, 2 **بیت 2 ABC** or press , 8 **ن ق ک ل م 8 TUV**, 2 **بیت 2 ABC**.
- ② Press 2 **بیت 2 ABC**.
Select "Disable" or "Enable" with Navigation Key and press .

VOICE MAIL AND TEXT MESSAGE

SIGNATURE

When this option is checked, you can attach your name, phone number, a simple memo, or tag line as a signature.

- 1 Press [MENU] 2 , 8 , 3 or press , 8 , 3 .
- 2 Select "On" or "Off" with the Navigation Key and press .

DIRECT VIEW

If the Direct View is set to on, the user will be able to view the message by pressing the read key. If the Direct View is set to off, the user can view the message by entering SMS Menu-> Inbox.

- 1 Press [MENU] 2 , 8 , 4 or press , 8 , 4 .
- 2 Select "On" or "Off" with the Navigation Key and press .

- ON : Set to read msg without entering inbox in SMS menu.
- OFF : Set to read msg after entering inbox in SMS menu.

VOICE MAIL AND TEXT MESSAGE

DELIVERY ACK

When this option is checked, the network informs you whether or not your message has been delivered.

- 1 Press [MENU] 2 , 8 , 5 or press , 8 , 5 .
- 2 Select "On" or "Off" with the Navigation Key and press .

PRIORITY

You can select the priority level of your messages.

- 1 Press [MENU] 2 , 8 , 6 or press , 8 , 6 .
- 2 Select "Normal", "Urgent" or "emergency" with the Navigation key and press .

ENTRY MODE

- 1 Press [MENU] 2 , 8 , 7 or press , 8 , 7 .
- 2 Select "T9 mode" or "Alpha mode" with the Navigation key and press .

VOICE MAIL AND TEXT MESSAGE

STORAGE

- ① Press [MENU] 2 ^{بیت}_{ABC}, 8 ^{فیل}_{TUV}, 8 ^{فیل}_{TUV} or press 8 ^{فیل}_{TUV}, 8 ^{فیل}_{TUV}.
- ② Select "UIM" or "Phone" with the Navigation key and press .

VOICE MAIL AND TEXT MESSAGE

■ MSG. GROUP

Allows the user to five group, each group in a directory can have up to 10 phone numbers. The user can add, change, and delete Msg. Group.



ADD NEW MSG. GROUP

- ① To add a new group, press [MENU] 2 ^{بیت}_{ABC}, 9 ^{طالع}_{WXYZ}.
A maximum of five groups is allowed.
- ② Press [OPTIONS] then select "1. Add Group".
- ③ Input a new group name.
- ④ Press to save it.

ASSIGN PHONE NUMBER TO MSG. GROUP

- ① To assign phone numbers to a Msg Group, select the Msg Group and press .
- ② Then "unassigned" locations appear.
Select a location and press [OPTIONS], to access the Find menu.
Please refer to page 51 for more details.
- ③ Select the entry for the Msg Group location and press . "Saved!" will be displayed. Repeat for each location for the Msg Group.

VOICE MAIL AND TEXT MESSAGE

CHANGE MSG. GROUP NAME

- 1 Press [MENU] 2 , 9 .
Select an existing group name.
- 2 Press [OPTIONS] then select "2. Rename".
- 3 Input a new group name.
- 4 Press to save it.

There is a 16-letter limit.

SEND MESSAGE

- 1 Press [MENU] 2 , 9 .
Select an existing group name.
- 2 Press [OPTIONS] then select "3. Send Message".
- 3 Scroll to Message field and enter your message.
Press [OK]. Then scroll to the Priority, and Insert fields. Set each as desired.
- 4 Press [OPTIONS] then select "1. Send" or "2. Save Msg."
Press .
Please refer to page 94 for more details on "Write".

VOICE MAIL AND TEXT MESSAGE

DELETE MSG. GROUP

- 1 Press [MENU] 2 , 9 .
Select the group name to be delete.
- 2 Press [OPTIONS] then select "4. Delete".

DELETE ALL

- 1 Press [MENU] 2 , 9 .
Select the group name to be delete.
- 2 Press [OPTIONS] then select "5.Delete All".
- 3 Press to delete all Msg. Group.

VOICE MAIL AND TEXT MESSAGE

■ MSG COPY

Allows you to copy the message to another location, either Phone or UIM.

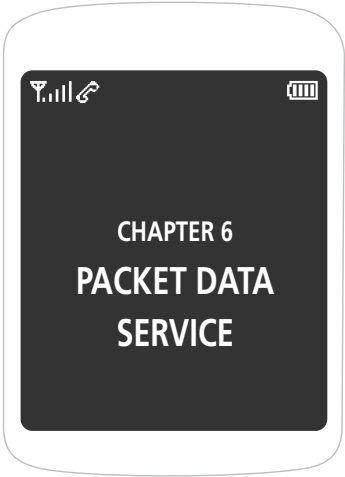


PHONE TO UIM

- ① Press / [MENU] 2 ^{بیت‌دفتر}_{ABC}, 0 +, 1 ^{بیت‌دفتر}_{1,2,3}.
You can copy all of the messages stored on the phone's memory to the UIM card.

UIM TO PHONE

- ① Press / [MENU] 2 ^{بیت‌دفتر}_{ABC}, 0 +, 2 ^{بیت‌دفتر}_{ABC}.
You can copy all of the messages stored on the UIM card to the phone's memory.



Abstract:

This Document is described in based on MS-WINDOWS 2000 Professional.

DATA SERVICE CONFIGURATION AND INSTALLATION

SETTING UP PC

INTERNET ACCESS

PACKET DATA SERVICE

■ DATA SERVICE CONFIGURATION AND INSTALLATION



Figure 1. PS-300 – PC connection for data service

As shown in the figure above, connect the USB port of the PS-300 to the PC COM# with the USB cable. Data service subscribers can purchase the USB cable from the service provider.



NOTE USB Cable which connects PS-300 to PC is specially designed and should not be substituted by other modem cable.

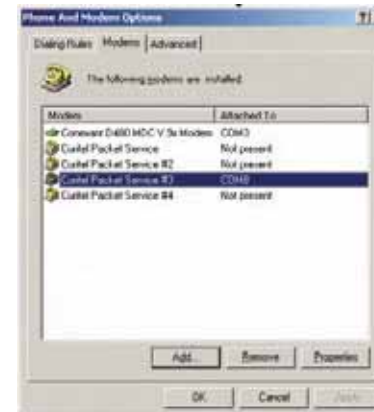
PACKET DATA SERVICE

■ SETTING UP PC

Before getting started with Data Services, you must have PC setup as appropriate, otherwise do the following on MS-WINDOWS 2000.

INSTALL MODEM ON YOUR PC

- 1 Select "Start → Settings → Control Panel → Phone And Modem Options"



- 2 Select USB port where PS-300 is connected COM# and click "Properties".
- 3 Go to "General" tab, check if "Maximum Speed" is "115200".

PACKET DATA SERVICE



- 4 Go to "Advanced" tab, set "Extra initialization commands" with "AT+CRM=150".



PACKET DATA SERVICE

MODEM CONNECTION

- 1 Connect PS-300 to PC using USB cable as shown in the figure 1.
- 2 Open Control Panel and Double click "Network and Dial-up Connections" icon.



- 3 Double click "Make New Connection" icon and do the following steps.
3.1 Click "Next" button.



PACKET DATA SERVICE

3.2 Select “Dial-up to private network” option and click “Next” button.



3.3 If you have more than one dial-up device on your computer, select the device that is connected to PS-300 with USB Cable.
(Curitel Packet Service (COM#))



PACKET DATA SERVICE

3.3 Enter any arbitrary number in “Telephone number” and click “Next”.



PACKET DATA SERVICE

3.4 Click "Finish" when the setup is completed.



DIAL-UP NETWORKING

- ① Go to "Start" → "Settings" → "Control Panel" → "Network and Dial-up Connections".



- ② Double click "Dial-up Connection" icon.

PACKET DATA SERVICE

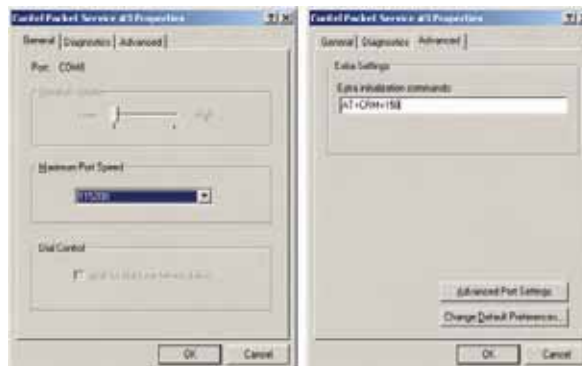
- ③ Enter "User name" and "Password" as appropriate.
- ④ Enter any arbitrary number in "Phone Number".
- ⑤ Click "Connect".



PACKET DATA SERVICE

CHECK POINT

- ① Go to "Start" → "Settings" → "Control Panel"
 - "Phone And Modem Options" → "Modems".
 Select USB port (COM#) where PS-300 is connected and click "Properties" button.
 - Check if "Maximum Port Speed" is "115200" on "General" tab.
 - Set "Extra initialization commands" with "AT+CRM=150" on "Advanced" tab.



- ② "Dial-up Connection"



PACKET DATA SERVICE

- 2.1 Click the right button of mouse on "Dial-up Connection Sample" icon, and select "Properties".



- 2.2 Click Configure and Port Settings are as in the figure.



PACKET DATA SERVICE

■ INTERNET ACCESS

PACKET DATA SERVICE

- 1 Setup "Dial-Up Networking" as in appendix I.
- 2 Go to "Properties → General → Configure → Connection Advanced" and type "AT+CRM=1".



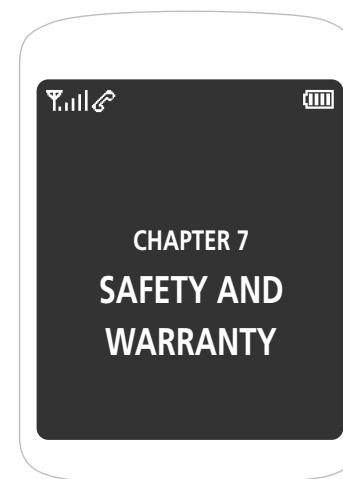
- 3 Enter "User name" and "Password" as appropriate.*
- 4 Enter any arbitrary number in "Phone Number".

*User name and Password are given by your local service provider.
If you do not have appropriate user name and password, contact your local service provider to obtain one.

PACKET DATA SERVICE

- 5 Click "Dial".





This chapter addresses the safety guidelines and precautions to follow when operating your cellular telephone. Before operating your cellular telephone, please be aware of all the safety details. This chapter contains the terms and conditions of services and the warranty for your cellular telephone. Please review them thoroughly.

SAFETY INFORMATION FOR WIRELESS
HANDHELD PHONES

SAFETY INFORMATION FOR FCC RF EXPOSURE

SAR INFORMATION

PRECAUTIONS WHEN USING BATTERIES

CARE AND MAINTENANCE

TROUBLESHOOTING

PROTECT YOUR WARRANTY

SAFETY AND WARRANTY

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld
Portable Cellular Telephone

EXPOSURE TO RADIO FREQUENCY SIGNALS

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *
NCRP Report 86 (1986) *
ICNIRP (1996) *

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C951).

The design of your cellular telephone complies with the FCC guidelines (and those standards).

1* : American National Standards Institute.

2* : National Council on Radiation Protection and measurements.

3* : International Commission on Nonionizing Radiation Protection.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

SAFETY AND WARRANTY

■ DRIVING SAFETY

Talking on the phone while driving is extremely dangerous and is illegal in some states.

Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

Also, if using your phone while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call, if driving conditions so require.

If you must use the phone while driving, please use one- touch, speed dialing, and auto answer modes.

An airbag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the airbag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.



WARNING : Failure to follow these instructions
may lead to serious personal injury
and possible property damage.

SAFETY AND WARRANTY

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

■ ELECTRONIC DEVICES

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

PACEMAKERS

The Health Industry Manufacturers Association recommends that a minimum separation of six (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 :

- ALWAYS keep the phone more than six inches from your pacemaker when the phone is turned on.
- Do not carry the phone in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your cellular telephone OFF immediately.

OTHER MEDICAL DEVICES

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your cellular telephone OFF in healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

SAFETY AND WARRANTY

POSTED FACILITIES

Turn your cellular telephone OFF where posted notices so require.

■ OTHER SAFETY GUIDELINES

AIRCRAFT

FCC and Transport Canada Regulations prohibit using your cellular telephone while in the air. Turn your cellular telephone OFF before boarding an aircraft.

BLASTING AREAS

To avoid interfering with blasting operations, turn your cellular telephone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn your cellular telephone 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.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or 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's engine.

SAFETY AND WARRANTY

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

■ PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on (1) AC Adaptor (2) Battery and (3) Product Using Battery.

- DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.
- DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using, lay down the unit to avoid possible damage due to instability.
- DO NOT expose this equipment to rain or spilled beverages.
- DO NOT use unauthorized accessories.
- DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized Pantech cellular service center. If unit is disassembled, the risk of electric shock or fire may result.
- DO NOT short-circuit the battery terminals with metal items etc.
- DO NOT connect incompatible products. When connecting to any other device, read its user guide for detailed safety instructions.
- DO NOT use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- DO NOT touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.



SAFETY INFORMATION FOR FCC RF EXPOSURE

SAFETY AND WARRANTY



WARNING! Read this Information before using

■ CAUTIONS

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 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. 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.

SAFETY AND WARRANTY

SAFETY INFORMATION FOR FCC RF EXPOSURE

BODY-WORN OPERATION

This device was tested for typical body-worn operations with the back of the phone kept 2.0 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 2.0cm, 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.

VEHICLE MOUNTED EXTERNAL ANTENNA (OPTIONAL, IF AVAILABLE)

A minimum separation distance of 7.9 inches (20cm) must be maintained between the user/by stander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.



For more information about RF exposure, please visit the FCC website at www.fcc.gov

SAR INFORMATION

SAFETY AND WARRANTY

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.

SAFETY AND WARRANTY

SAR INFORMATION

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 0.769 W/Kg and when worn on the body, as described in this user guide, is 0.552 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 : PP4PC-7300SU

Additional information on Specific Absorption Rates (SAR) can be found on the CTIA-The Wireless Association TM (CTIA) web-site at http://www.ctia.org/wireless_consumers/health_and_safety/.

* 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.

PRECAUTIONS WHEN USING BATTERIES

SAFETY AND WARRANTY

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

SAFETY AND WARRANTY

PRECAUTIONS WHEN USING BATTERIES

- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions or you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

CARE AND MAINTENANCE

SAFETY AND WARRANTY

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

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity, and liquids contain minerals that corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.

SAFETY AND WARRANTY

CARE AND MAINTENANCE

- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, stove, or radiator. The phone may explode when overheated.
- 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.

TROUBLESHOOTING

SAFETY AND WARRANTY

To save the time and expense of an unnecessary service call, perform the simple checks in this section before contacting a service professional.

When you switch on your phone, the following messages may appear:

"Phone lock"

- The automatic locking function has been enabled.
You must enter the phone's password before you can use the phone.

"No Service" or "Network Failure," displays

- The network connection has been lost. You may be in a weak signal area. Move and try again.
- You are trying to access an option for which you have no subscription with your service provider. Contact the service provider for further details.

When call quality is poor:

- end the phone call and try again.

When the other party cannot hear you speaking:

- your phone may have been set to mute.-
- therefore, activate "unmute" by pressing the ok key.

When battery lifetime becomes shorter than usual:

- this may happen when you are in an area with low signal strength.
turn off your mobile phone when it is not in use.
change the battery when the battery lifetime ends.

SAFETY AND WARRANTY

TROUBLESHOOTING

When your phone does not turn on:

- make sure your battery is charged. check to see if your phone works while recharging the battery.

When you are unable to send a message:

- either you have not been registered to receive the sms service, or you may be out of the service range of your network service provider.

when you are unable to charge the battery:

- this may be the result of one of the following three cases.
 1. your charger may be out of order. Contact your nearest dealer.
 2. you may be attempting to use the phone in overly hot/cold temperature.
try changing the charging environment.
 3. your battery may have not been connected to the charger properly. Check the connector.

when you are unable to input data into the phone book:

- your phone book memory may be full. try to delet some entries from your phone book.

when you are unable to select a certain function:

- you may not have been subscribed for that function, or your network service provider may be in an area where such service cannot be provided. contact your local service provider.

PROTECT YOUR WARRANTY

SAFETY AND WARRANTY

Read your Warranty carefully, with the special consider-ation to paragraph seven of the Limited Warranty for your unit.

“Warranty does not apply to... or to any product or part there of which has suffered through alteration... mishandling misuse, neglect or accident”.

Many companies are making look like accessories and in some cases, promoting that their product is equal to or better than the product. Be careful. Some of these products may not be compatible to use with your prod-uct and may damage the unit or cause it to malfunction. It service is required on your unit and it is determined that a non-Pantech accessory has created the problem with your unit the Warranty with not apply. In addition if the unit has already suffered irreversible damage by rea-son of a non-compatible accessory the Warranty will be voided. To protect your Warranty use only compatible accessories which cannot damage or interfere with the functioning of your product.

WARRANTY CARD

Pantech&Curitel Communications, Inc. ("PANTECH") represents and warrants that this subscriber unit and its accessories ("Product") are free from defects in Material and workmanship

This warranty is subject to the following terms and conditions:-

1. This warranty of the Product (including the battery) extends for a period of Twelve (12) months commencing from the date of the activation.
2. During the warranty period, PANTECH or its authorised service network will repair or replace, at PANTECH 's option, the Product or any relevant parts thereof in the event that the Product is found to be Defective. The repaired Product or the Product/part provided as a replacement for a Defective Product/ part, shall be free from Defect. The purchaser of the Product or his/her assignee ("Consumer") shall not be charged (whether for parts, labour or otherwise) for the repair or replacement of a Defective Product during the warranty period. All replaced parts, boards or equipment shall become the property of PANTECH.
3. The warranty in respect of a repaired or replaced Product/part shall extend for the remaining warranty period of the repaired Product or replacement thereof to the Consumer.
4. Upon request from PANTECH, the Consumer may be required to provide the purchase receipt or other documentation or information in respect of the date and place of purchase.
5. The Consumer shall have no coverage or benefits under this warranty in the event that any of the following conditions are applicable:-
 - (a) The Product has been subject to abnormal use or conditions, improper storage, exposure to excessive moisture or dampness, exposure to excessive temperatures, unauthorised modifications, unauthorised repair (including but not limited to use of unauthorised spare parts in repairs), abuse, accident, Acts of God, spills of food or liquids, improper installation and breakage or damage to antennae (otherwise than by reason of any Defect in material and workmanship).
 - (b) PANTECH has not been notified by the Consumer of the Defect in the Product during the applicable warranty period.
 - (c) The Product serial number code or the accessory date code has been removed, defaced or altered.
 - (d) The Product has been used with or connected to an accessory (i) not supplied by PANTECH or its affiliates, (ii) not fit for use with the Product or (iii) used otherwise than in the manner intended.
 - (e) The seals of the Product's battery enclosure have been broken or show evidence of tampering or the Product's battery has been used in equipment other than that for which it has been specified usable by PANTECH.
 - (f) All plastic surfaces and all other externally exposed parts that are scratched or damages due to normal customer use.

WARRANTY CARD

THE CONSUMER UNDERSTANDS THAT THE PRODUCT IS INTENDED TO BE USED ONLY FOR THE PURPOSES OF AVAILING SUDAN TELECOM COMPANY LTD. THE WARRANTY AND REMEDIES HEREUNDER SHALL NOT BE AVAILABLE TO THE CONSUMER IN THE EVENT THE PRODUCT IS USED AT ANY TIME TO AVAIL ANY OTHER SERVICES. SUCH EXCLUSION OF THE WARRANTY AND REMEDIES SHALL NOT BE CONSTRUED TO LIMIT ANY OTHER REMEDIES PANTECH MAY HAVE UNDER LAW AGAINST THE CONSUMER.

6. In order to derive the benefits of this warranty in respect of any Defect in the Product, the Consumer shall ship the Product or part thereof at its cost to the authorised service centre of ZEC. PANTECH shall bear the cost of shipping the Product or part thereof back to the Consumer after the completion of the service under this limited warranty.
7. EXCEPT FOR THE EXPRESS WARRANTIES SET FORTH ABOVE, SELLER GRANTS NO OTHER WARRANTIES, EXPRESS OR IMPLIED, BY STATUTE OR OTHERWISE, REGARDING THE PRODUCT, FITNESS FOR ANY PURPOSE OR OTHERWISE. SELLER SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER CONSEQUENTIAL DAMAGE, ARISING OUT OF THE USE OF, OR INABILITY TO USE THE PRODUCT OR FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.
8. It is hereby expressly clarified that all warranties (express or implied) in respect of the Product are provided by PANTECH alone.

This Warranty is not assignable or transferable.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered to the nearest Authorised Service Centre with the proof of purchase and warranty card duly signed and stamped by the dealer.

Customer Name : _____

Date of Purchase : _____ Model Number : _____

MSH No : _____ Serial No : _____

Dealer Signature and Stamp.

* The above warranty is subject to the conditions given.

Safety Information

1 . SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS

.POTENTIALLY EXPLOSIVE ATMOSPHERES

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

INTERFERENCE TO MEDICAL DEVICES

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

.EXPOSURE TO RF ENERGY

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

U.S.A.

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

INFORMATION TO THE USER

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

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

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

FCC Compliance Information

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

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