

# **VK200C User Manual**

**Thank you very much for purchasing VK Mobile Phone.**

VK Mobile Phones are designed and manufactured in compliance with very strict in-house standard and international quality standard specification and are produced through a series of strict quality tests which include tests on temperature, humidity, impact, dust, vibration and falling. We feel confident that our VK Mobile Phone produced through such process will give high satisfaction to you.

We truly thank you for your selection of VK products, and hope that you lead successful business with effective assistance of VK200C.

\* Contents of this manual and the functions of Mobile Phone may change depending on circumstances.

\* In order to establish right mobile phone culture, we suggest that in public area mobile phone should be set to Etiquette Mode.

**To reduce the fire hazard and explosion hazard of a battery,**

**Do not bridge the terminals of a battery by metallic objects such as coins, keys, or other metallic pieces.**

**Do not impact on a battery excessively.**

**Do not place the mobile phone near any heat sources.**

**Do not use any adapters other than the adapter supplied by manufacturer.**

## Provisions for prohibition of illegal manipulation of ESN

Please note that elimination, alteration of ESN (Electronic Serial Number) or duplicating and entering an other number to a Mobile Phone produced and supplied by VK is illegal act, which is subject to legal sanction of imprisonment for not more than 10 years or penalty for not more than Won 20 million based on the Article 347 of pertinent laws and regulations. Also please note that in case a Mobile phone cannot be used due to the damage of its software from such illegal act, the Mobile Phone cannot enjoy the benefits of free as well as paid service under our warranty.

## Precautions to Consumers

- \* Do not allow other person to use the Mobile Phone.
- \* Always use designated Service Center for after-sale service.
- \* When lost or stolen, immediately report to pertinent communication provider.
- \* Separate equipment which may result in the change of its performance cannot be added to a Mobile Phone. It is a violation of the registration for its model.

## Information for safety and efficient use of Mobile Phone

Mobile Phone receives and transmits high frequency wave while power of the phone is on.

International associations issued criteria on the effect of high frequency to human body and recommended value of high frequency for safety.

Refer to the Information section (detailed description) for more details on the safety and efficient use of Mobile Phone.

## Antenna

Use approved antenna only. Use of unauthorized antenna or illegal alteration of antenna may cause damage to Mobile Phone and in that case free service will not be provided. Use of damaged antenna may cause slight burn in the skin when touched with skin.

## **Normal Position**

Hold Mobile Phone as same as holding hand set of general telephone, and erect the antenna straight up over the shoulder.

## **Efficient Use of Mobile Phone**

Pull out antenna to its maximum. Hold the Mobile Phone as same as holding hand set of general telephone and make sure antenna is erected straight up over the shoulder while taking a call. During a call, never touch antenna with hand, which may cause the deterioration of the quality of call and transmit higher output than what is necessary.

## **Mobile Phone and Electronic Equipments**

Most electronic equipments are designed to be free from the influence of high frequency wave. However, some equipments may be in trouble by the use of Mobile Phone.

## **Supplementary device for Heart Beat (Pace Maker)**

Industrial Medical Equipment Manufacturers' Association recommends that Mobile Phone should not be used within 15cm from Pace Maker as it might adversely affect to the Pace Maker. In an unavoidable situation, make sure the phone is more than 15cm away from the Pace Maker. If possible, use the phone from the opposite side of Pace Maker.

## **Airplane**

Power off the phone when going on board airplane. Electronic operation equipments may be adversely affected.

## Hearing Aid

Some Mobile Phones may adversely affect the use of hearing aid.

## Other Medical Equipments

In the case where medical equipments are used individually, consult with the company manufactured the equipment as to whether the equipment is safe from high frequency wave. As medical equipments in hospital are likely to be affected by high frequency wave, make sure to power off the Mobile Phone in hospital.

## Use of Mobile Phone while driving

Be familiar with the regulations regarding the use of Mobile Phone while driving.

- \* Concentrate on driving.
- \* Do not use a hand-held phone while driving. Use hands free set in an unavoidable situation.
- \* Best way is to park the vehicle first and then make or take a call.

## Blasting Operation Area

In a dangerous area for using Mobile Phone or where there is a signboard indicating 'Turn off radio transmitter', turn off the phone to avoid interference to blasting operation and follow instructions and signs on site.

## Dangerous Area for Explosion

- \* In a dangerous area for explosion, battery of the phone should be removed and follow the instructions and signs given on site. Never install battery back or charge the battery on the site. At a construction site, equipments for high frequency wave may be used for remote explosion works.
- \* Around gas leakage area, chemicals storage area and on the deck of a ship, do not install battery of Mobile Phone and use of the phone. In a space of a car where accessories for Mobile Phone are equipped, do not put any flammable materials. Sparks at a dangerous area may be a cause for fire or explosion.

## Use of Battery

If a terminal of battery touches a conductor (key or jewelry), the material may be damaged, and human body may get burnt.

Be careful in handling charged battery. Do not put charge battery in a pocket or a bag together with other metals.

## Information on safety and efficient use of Mobile Phone (Detailed)

- \* Do not use damaged electric cord, plug or loose outlets. It may cause electric shock or fire.
- \* Do not connect external cathode terminals of charger or battery together, or vice versa plate terminals together. It may cause electric shock or fire.
- \* Do not pull out plug holding cord part or touch power plug with wet hands. It may cause electric shock or fire.
- \* When using charger, use designated battery only. Using other batteries may cause fire or explosion.
- \* Do not bend power cord too much or put heavy thing on the cord. It may damage the cord and cause electric shock or fire.
- \* Do not make or take calls while charging the phone (or with wet hands). It may cause electric shock or fire.
- \* Do not charge battery using unauthorized power source (generator without permission, illegal charger). It may cause fire or explosion.

## How to use and administrate right

- \* Do not disassemble, remodel or repair the Mobile Phone by yourselves. All repairing works should be done at the authorized Service Center only.
- \* In the case of using the flash of camera, make sure that flash light does not directly go into the eyes. Eyesight might be damaged.
- \* At the time of using infrared communication such as Remote Control, be careful not to look at the window for infrared ray directly. It may hurt

eyesight.

- \* It is very dangerous if ear-microphone string is entangled with the door of a bus, subway or car. Be careful for the string when getting on a bus or subway.
- \* Do not store Mobile Phone in a pocket or bag together with metals.
- \* Never put Mobile Phone into a stove, microwave oven, heated cooking device or pressurized container.
- \* In case hand strap is attached, do not swing around the phone holding the strap only.
- \* In a public places, set your phone to Etiquette Mode in order not to interrupt others.
- \* Use Mobile Phone within the operating temperature range from -20°C to 50°C, and do not place the phone at too high or too low temperature.
- \* Do not use noxious chemicals or strong detergents to clean Mobile Phone.
- \* Do not paint on Mobile Phone.
- \* In case there is an allergic reaction, itching, swollen body or eczema due to outer pigment or metal of Mobile Phone, stop using the phone and consult with physician.
- \* For consumables such as battery or charger or separate items, use VK designated items only.
- \* Do not give external impact to Mobile Phone like bending or twisting.
- \* Be careful not to sit on Mobile Phone after putting the phone in the back pocket.
- \* Keep Mobile Phone away from magnetic products such as credit card, telephone card, passbook or riding pass.
- \* Do not use Mobile Phone for other purpose than original purpose.
- \* The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **CONTENTS**

### **Prior to Use**

Checking the Components

Phone Layout, Names and Functions

Getting to know your phone

How to use Battery

How to charge the Battery

Precaution about Battery

### **Basic Functions**

To switch on/off Mobile Phone

Making a Call

Waiting Screen Display Menu

Phone

Answering a call



## Menu Function

### **1. SOUND**

- (1) Bell Sound Select
- (2) Bell/Vibrate
- (3) Ring Volume
- (4) Set Effect
- (5) System Sound
- (6) Missed Call Alert

### **2. DISPLAY**

- (1) Inside Display
- (2) Set Clock
- (3) Set My Logo
- (4) Set Font
- (5) Set Language
- (6) Set Light

### **3. CONTENTS BOX**

- (1) Remote Control
- (2) SweetShop
- (3) CharacBell
- (4) Memory Information

#### **4. PIMS**

- (1) Scheduler/D-day
- (2) Alarm
- (3) Calculator
- (4) World Time
- (5) Voice Memo
- (6) Set Time & Day
- (7) Schedule/D-day Info.

#### **5. SETTING**

- (1) Set Password
- (2) Password Hint
- (3) Set Locking
- (4) Select Call Taking
- (5) Auto Region Code
- (6) Auto Answering
- (7) Set MODEM
- (8) Number Plus
- (9) Reset Phone
- \* Phone Information
- # Register Emergency No.

#### **6. MESSAGE**

- (1) Write Message
- (2) Color Mail
- (3) Inbox

- (4) Outbox
- (5) Message Held
- (6) Text Box
- (7) Message Box
- (8) Voice Tag
- (9) Block SPAM

\* Set Message

# Memory Information

## **7. PHONE BOOK**

- (1) Register Phone Number
- (2) Search Number
- (3) Edit Quick Dial
- (4) Edit Group
- (5) Call Record
- (6) Call Time
- (7) Memory Information

## **8. CAMERA**

- (1) Take Photo
- (2) Motion Image Shot
- (3) NATE Code
- (4) Photo On
- (5) Photo Print
- (6) Video Mail
- (7) My Album
- (8) Set Camera

(9) Memory Information

## Appendix

**Troubleshooting**

**Specifications**

**RF Exposure information**

**Warranty**

## Checking the Components



**Mobile Phone**



**Charger Stand**



**2 Batteries**

**Hand Strap (휴대용 걸이)**

**Owner's Manual**

## Phone Layout, Names and Functions





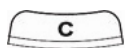








External Connector




















Receiver Microphone



## Description for Basic Keys

	<ul style="list-style-type: none"> <li>■ Makes or answers a call</li> <li>■ Short press: Indicate list of numbers (numbers dialed, received or missed)</li> </ul>		<ul style="list-style-type: none"> <li>■ Switches the phone on and off and ends a call</li> <li>■ Cancels input for a function and returns to Standby Mode/Initial Display</li> </ul>
	<ul style="list-style-type: none"> <li>■ Cancels input of letters or figures</li> <li>Short press: Deletes one letter at a time</li> <li>Press and hold long: Deletes all</li> <li>■ Moves to upper level menu or previous screen</li> </ul>		<ul style="list-style-type: none"> <li>■ Connects to NATE</li> <li>Short press: Menu(NATE, ⓘPlayon, NATE Air)</li> <li>Press and hold long: Direct connection to NATE service</li> <li>■ Selects menu which are indicated in the bottom center of menu when using the phone</li> </ul>
	<ul style="list-style-type: none"> <li>■ When using initial display function <ul style="list-style-type: none"> <li>Up: Shortcut key for M Bank menu</li> <li>Down: Shortcut key for TV Remote Control</li> <li>Left: Shortcut key for Message menu</li> <li>Right: Shortcut key for Phonebook menu</li> </ul> </li> <li>■ When using menu function: Menu search function</li> </ul>		
	<ul style="list-style-type: none"> <li>■ Moves [Menu] at initial display</li> <li>■ When using phone function, selects menu indicated on down left screen</li> </ul>		<ul style="list-style-type: none"> <li>■ Search function at initial screen</li> <li>■ When using phone function, selects menu indicated on down right screen</li> </ul>
	<ul style="list-style-type: none"> <li>■ Dial key: Inputs figures and letters</li> </ul>		
	<ul style="list-style-type: none"> <li>Press and hold long: Sets to Etiquette Mode and releases the mode</li> <li>Press and hold long: Sets to Lock Mode and releases the mode</li> </ul>		
	<ul style="list-style-type: none"> <li>■ Camera Preview Mode</li> </ul>		<ul style="list-style-type: none"> <li>■ Adjusts key/effect sound volume at initial screen</li> <li>■ Searches list and adjusts volume during a call</li> <li>■ Automatic response function when answering a call</li> </ul>

### Basic Icon Description

	Indicates the strength of signal reception Weak signal  Strong signal 		Receiving tone is in Bell & Vibration Mode
	When attempting a call or a call is connected		Receiving tone is in Bell Mode after Vibration
	Indicates out of service area		When automatic response mode is set
	When literal message is received		When color mail message is received
	When broadcasted message(NATE Air) is received		When voice message is received
	When alarm is set		Indicates the level of battery 
	Indicates international automatic roaming service		When the phone is set to Lock Mode
	When the phone is set to Etiquette Mode		
	When receiving tone is set to Bell Mode		
	When receiving tone is set to Vibration Mode		



## How to use Battery

### How to install Battery



#### 1. To install the battery

- ① Place the battery onto the groove on the back side of the phone as above.
- ② Slide the battery down to arrow direction until you hear 'clicking sound'.



#### 2. To remove the battery

- ① Press down and hold the button, and then slide the battery down to arrow direction.

Category	Standard type
Standard waiting hours	Approximately 70 ~ 130 hours
Standard call hours	Approximately 110 minutes

(Some indications on available battery hours)

- \* When using additional functions such as character input, storage of literal message, game or Internet function, battery is consumed more.
- \* Available battery hours vary depending on the service type of the Base Station where the Mobile Phone is located.
- \* In the case of long stay in Out of Service Area or frequent stay in the area, battery is consumed more and waiting hours become significantly shorter.
- \* When radio wave is weak or channel (Base Station) is overlapped, battery is consumed more.
- \* The more times and longer time for making calls and answering calls are, the shorter waiting time gets.
- \* As battery is a consumable item, hours of usage gets gradually shorter compared with the time of purchase.

(Slot Mode: Wireless Base Station regularly communicates with each and every user's Mobile Phone in order to identify location of the phone. This is what we call Slot Mode. The more the frequency of communication increases, the shorter the waiting hours become. Frequency of communication is decided by the Wireless Base Station and in the case of Korea the frequency is every 2.5 to 5 seconds.)

#### **Precaution about Battery**

- \* Avoid giving impact from dropping battery and do not try to disassemble battery. It may cause trouble, shorten its life, or be dangerous from being overheated.
- \* Do not put the phone into the stove or microwave oven which is used for heating. Possibility of explosion is very high.

- \* Always use a charger which is certified by TTA. Use of chargers which are not certified by TTA may cause overcharging and thus may result in overheating or explosion. It may cause breakdown of the battery.
- \* Be careful to avoid connection (short circuit) of terminals of battery (metal parts) by conductor materials such as necklace or coin. Battery and materials having a short circuit may be overheated and then cause fire.
- \* Do not put a battery in a closed space with direct sunlight and high temperature such as near car window. In a room keep batteries at the range of temperature between 0°C to +40°C. Under the temperature off the range, appearance may be deformed and the battery is damaged.
- \* Keep batteries off the hands of children. Battery in a mouth of a child especially a damaged battery may adversely affect human body.  
If liquid leaked out from the damaged battery is put on your skin, wash the skin for 1 to 2 minutes with flowing water.

## Basic Functions

### To switch on/off Mobile Phone

Press down and hold [End] key → Shortly after communication provider's logo and graphic appears, initial screen appears

When Etiquette Mode is set, vibration starts and power turns on.

Press down and hold [End] key → Graphic disappears and power turns off.

### Making a Call

Press region code and telephone number → Press [Call] key → Connection and talk

When the call is not connected, automatic redialing is repeated until the call is connected.

Call time automatically appears on screen. Call fare is calculated from the time when the call is connected.

When Lock Mode is set, call can be made only after the input of password.

Press [Call] key → Call records opens and searching the number to use is possible → To use the number searched

Standby Screen → After input of the number to call → Select 'To hide caller number' by pressing (Menu) key

To hide caller number function : This function is used when a caller does not want to disclose his/her number to the recipient.

Select 'To send message : Literal message can be sent directly from Standby Screen after the input of the phone number.

Select 'Manual waiting :

Select 'Time waiting :

### **Answering a call**

When phone bell is ringing,

Talk after opening the slide or pressing button.

Use of CLI (Caller Line Identification) service requires going through some procedures with the service provider.

If user does not want to answer the incoming call, press down and hold 'Volume key' long.

If user wants to take the incoming call, lift up the slide and talk.

Menu during a call – If you press (Menu) key during a call, the following menu appears.

Mute function – This function blocks sound from user to the other party.

Send my number function – This function automatically sends the number of my phone to the other party.

Phone Number search function – This function searches phone numbers.

Store phone number function – This function stores the phone number of the other party on the phone.

## How to Input Characters

### How to input

**\* ‘\*’ key : Finishes the input of one letter**

At the time of literal input, press this key (‘\*’) to the next letter after finishing the input of one letter.

**\* ‘#’ key : Double consonant (consonant for upper part) input function**

Double vowel composition function

**\* To erase input letters:** Using navigation key (Up, down, right and left), place cursor right next to the letter to erase and press ‘Cancel’ key to delete the letter.

When pressing ‘Cancel’ key shortly, only one letter is deleted at a time. When pressed and held long, all the letters in front of cursor are deleted.

**\* To give space in between letters:** In order to insert a space after a letter, press right key. In order to insert a space in between letters input already, move the cursor to the position to insert the space using navigation key, change letter mode to either ‘Special Character’ or ‘English Character’ Mode, and press ‘0’ once shortly.

**\* To select Character Mode:** In Literal Input Mode, a box for changing Character Mode appears at the bottom left. By pressing menu key repeatedly, move to the mode which user wants. The following Character Mode will appear in turn when pressing the menu key repeatedly.

- Order of Character Mode selection

English Character Capital Letter Mode - English Character Small Letter Mode - Figure Mode - Symbol Mode

## To input English Characters

Press pertinent key repeatedly to get the alphabet to input. Conversion to Capital Letter Mode or Small Letter Mode is done by pressing menu key.

**A** Press '2' key once.    **B** Press '2' key two times.    **C** Press '2' key three times.

Example of input) To input 'Good'.

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G            o            o            d

2   >   Menu   6   >   6   >   6            6   >   6   >   6   \*   3  
**G                    m   n   o            m   n   o            d**

## Menu Function – Setting of Sound

1. **Selection of Bell Sound:** Apart from basically provided bell sounds and melodies, a variety of bell sound can be used after downloading melodies provided by the service provider.

(Menu) → Select 'Setting of Sound' → Select Bell Sound → After selection of the kind of bell → Select bell sound → Press NATE (Setting)

Kind of Bell: Selection can be made among Basic Bell Sound, Effect Sound Bell, Creative Bell, Classic Bell and My Bell.

IN the case of My Bell, selection can be made among the downloaded bell sounds fro NATE (My Bell can be selected only after downloading).

2. **Selection of Bell/Vibration:** Selection can be made for incoming calls.

(Menu) → Select 'Sound Setting' → Select 'Bell/Vibration' → After selecting Mode → Press NATE (Setting)

Bell Sound: Bell or melody rings , Vibration: Vibrates , Bell and Vibration: Simultaneous ringing of bell and vibration

Bell after Vibration: After Vibration for 3 times, bell rings

3. **Volume Adjustment:** Various volumes used by the phone can be adjusted.

(Menu) → Select 'Sound Setting' → Select 'Volume Adjustment' → Select Menu to adjust → After Volume adjustment → Press NATE (Setting)

Incoming Bell: Adjust the volume of bell sound at the time of incoming call.

Speech Sound: Adjust the volume of voice of the other party on the phone.

Key Sound: Adjust the volume of key sound when pressing.

Slide Sound: Adjust the volume of the sound when lifting up the slide.

4. **Setting of Sound Effect**

(Menu) → Select 'Sound Setting' → Select 'Effect Sound Setting' → Select a menu to set → After setting → Press NATE (Setting)

Key Sound: Adjust the sound of button when pressing (Bell sound, Woman, Child, Space or Sound Off)

Slide Sound: Adjust the sound of slide when lifting up (Slide 1, Slide2, Sound Off)

Time Alarm Sound: Adjust the setting or release of time alarm sound (Setting, Release)

## 5. Setting of System Alarm Sound

(Menu) → Select 'Sound Setting' → Select 'System Alarm Sound Setting' → Select a menu to set → After setting → Press NATE (Setting)

Confirm Sound: When message box appears on the display screen, setting of making sound or Sound Off can be selected.

Alarm Sound: When message box is processed but failed to display, setting of making sound or Sound Off can be selected.

Call Connection Sound: When making a call, confirming sound for connection or Sound Off can be selected.

Call Cut Sound: When a call is finished, confirming sound for finishing or Sound Off can be selected.

## 6. Missed Calls Information

(Menu) → Select 'Sound Setting' → Select 'Missed Call Information' → After selecting a menu to set → Press NATE (Setting)

Kinds of Alarm can be selected among Rings every 2 minutes/Rings 1 time after 2 minutes/Sound Off.



## Menu Function – Screen Setting

1. **Inside Screen Setting:** This feature allows user to set display screen for waiting, incoming call, outgoing call, power off, access to NATE, SMS and sending message.

(Menu) → Select 'Setting Screen' → Select 'Setting Inside Screen' → After selecting a screen to change → Select a type of image using right/left key →

Select an image using up/down key → Select a screen to set → Press 'NATE' (Setting)

2. **Clock Setting:** This feature allows user to set the time on Standby Screen and calendar setting.

(Menu) → Select 'Setting Screen' → Select 'Clock Setting' → After selecting Clock or setting calendar → Press 'NATE' (Setting)

Clock Selection: Large Digital Clock, Small Analogue Clock, Large Analogue Clock, No Clock

Setting Calendar: Release, Setting

3. **Standby Screen Words:** This feature allows user to set the use of words, arrangement of words and color of words.

(Menu) → Select 'Setting Screen' → Select 'Words for Standby Screen' → After selecting Setting/Arrangement/Color of Words → Press 'NATE' (Setting)

4. **Setting Font:** This feature allows user to select the font among VK Gulim, Andersen, Aromi, Kkoedori and Daum.

(Menu) → Select 'Setting Screen' → Select 'Setting Font' → Select a Font to use → Press 'NATE' (Setting)

## 5. Set Language

(Menu) → Select 'Setting Screen' → Select 'Setting Language' → Select a Language to use → Press 'NATE' (Setting)

## 6. Setting Light: This feature allows user to adjust the length of lighting and brightness.

(Menu) → Select 'Setting Screen' → Select 'Setting Light' → Select a Menu to use → After setting → Press 'NATE' (Setting)

Light: 3 options for setting – Standard Mode, Conservation Mode and User Defined Mode (Standard and Conservation Mode will be set as initial value)

Internal LCD: In case lighting is set as 'User Defined Mode', length of time and brightness can be adjusted by user.

(Time: 5 sec., 10 sec., 20 sec., 30 sec., 1 min., / Brightness: Bright, Usual, Dark)

Key Pad: Length of time for lighting for the time when using key pad can be adjusted (5 sec., 10 sec., 20 sec., 30 sec., 1 min.)

## Menu Function – Contents Storage Box

### 1. Remote Control

(Menu) → Select 'Contents Storage Box' → Select 'Remote Control' → Select a Product by pressing **↵2** → After selecting Mfg. Company → Press 'NATE' (Setting)

Functions of Remote Control of the phone can be used only for the designated products.

While pressing down key by operating the Remote Control, reception of data may be temporarily interrupted as Remote Control data is created.

Selection of Products: TV, VTR, DVD, CATV and Singing Machine Room

Selection of Mfg. Company: Mfg. Company can be selected by product.

### 2. SweetShop

(Menu) → Select 'Contents Storage Box' → Select 'SweetShop' → Refer to Menu for Games.

Game functions consume battery much more than other functions.

If any key is not pressed for more than 1 minute while playing a game, game is automatically terminated.

Game items can be selected using up/down/right/left keys, and for detailed description for a game, press 'NATE' key in the Help Menu.

### 3. CharacBell: Melodies and pictures downloaded from NATE

(Menu) → Select 'Setting Sound' → Select 'Editing CharacBell' → Select CharacBell No. to edit → Input Title/Bell Type/Picture Type/PhoneNo. → Press 'NATE' (Setting)

This feature can be used only after downloading CharacBell through access to NATE. User can download 5 CharacBells maximum.

CharacBell can be downloaded only after the input of incoming number (Minimum 1 number).

CharacBell function is to display a set character as well as to ring the bell when incoming call is from the telephone number which was set already (maximum 5 numbers). This feature is available only when user is getting Caller Line Identification (CLI) service. (Characters and melodies downloaded as CharacBell can be used for setting screen display or bell sound of the phone.)

When the incoming call number which the user wants to designate is already stored in other CharacBell, the incoming number in the existing CharacBell is automatically deleted.

### 4. Memory Information

(Menu) → Select 'Contents Storage Box' → Memory Information

## Menu Function – PIMS

**1. Scheduler/D-day: When user stores Schedules and anniversaries, alarm rings on the applicable date while displaying the stored message.**

(Menu) → Select 'PIMS' → Select 'Scheduler/D-day' → Select (Scheduler) Menu to use → After input of Date/Time/Memo/Alarm → Press 'NATE' (Setting)

After storage, menu automatically returns to Scheduler List, and the stored Scheduler can be Added/Deleted (one item)/Deleted (all) by pressing (Menu).

When selecting Alarm for Scheduler after selecting (Scheduler) Menu, Bell sound can be designated.

(Menu) → Select 'PIMS' → Select 'Scheduler/D-day' → (D-day) → After the input of Date/Time/Memo/Alarm → Press 'NATE' (Setting)

After storage, menu automatically returns to D-day List, and the stored D-day can be Added/Deleted (one item)/Deleted (all) by pressing (D-day).

When selecting Alarm for Scheduler after selecting (D-day) Menu, Bell sound can be designated.

Input accommodates up to 16 Korean characters and 33 English characters, and Maximum 60 messages can be stored.

## **2. Alarm**

(Menu) → Select 'PIMS' → Select 'Alarm' → After the input of 'Setting Alarm' → Press 'NATE' (Setting)

After storage, menu automatically returns to Alarm List, and the stored Alarm can be Added/Deleted (one item)/Deleted (all) by pressing (Menu).

Alarm rings at the time set for approximately 1 minute. To stop the Alarm, press Side key or any key after lifting up slide.

When Alarm is set in Etiquette Mode, bell does not ring but the phone vibrates with Icon light flashing.

If Alarm is set when the phone vibrates in Connection Mode, bell rings.

## **3. Calculator**

(Menu) → Select 'PIMS' → Select 'Calculator' → After using calculator → Cancel (Finish)

Input of figures is possible up to 32 digits maximum including decimal point.

For new calculation, press AC key (Soft 2 key).

#### 4. World Time

(Menu) → Select 'PIMS' → Select 'World Time' → After checking time → Press 'NATE' (End)

Times of 27 cities in the World are available.

(Seoul, Tokyo, Sydney, Okhotsk, Wellington, Midway, Honolulu, Alaska, Seattle, Denver, Phoenix, Chicago, New York, George Town, Rio de, London, Madrid, Rome, Athens, Baghdad, Tehran, Karachi, Rangoon, Bangkok, Hong Kong, China)

#### 5. Voice Memo:

(Menu) → Select 'PIMS' → Select 'Voice Memo' → Select 'Record Voice Memo' → After recording, 'NATE' (Save) → After selecting and executing Menu to use (NATE)

→ After entering title → Press 'NATE' (Save)

Recording of Voice during a call is saved at Voice Memo.

Voice Memo can save up to maximum 20 messages and total recording time is 10 minutes.

(Menu) → Select 'PIMS' → Select 'Voice Memo' → Select 'Play Voice Memo' → Select recorded Memo by pressing (Menu) (NATE) → Execute  
Stored Voice Memo can be Reproduced/Saved/Deleted/Totally Deleted.

#### 6. Setting Present Time

(Menu) → Select 'PIMS' → Select 'Setting Present Time' → Setting (NATE)

User can set the time as he/she want, and present time will be automatically set in the case of rebooting.

#### 7. Scheduler/D-day Information

(Menu) → Select 'PIMS' → Select 'Scheduler/D-day Information

## Menu Function – Setting

### 1. Setting Password: This feature is used for changing Password (Preset Password at the time of purchase is 0000.)

(Menu) → Select 'Setting' → Select 'Setting Password' → Enter new Password/after entering one more time → Press 'NATE' (Save)

### 2. Hint on Password: This feature records a hint for the set Password.

(Menu) → Select 'Setting' → Select 'Hint on Password' → After entering → Press 'NATE' (Save)

### 3. Setting Lock: User can set Lock for the Mobile Phone, Outgoing call, Connect to NATE, Call List, Phone Book, Message, International Call, Caller Line Identification (CLI), External Key.

(Menu) → Select 'Setting' → Select 'Setting Lock' → After entering Menu to use (Setting Lock/Release) → Press 'NATE' (Save)

### 4. Selecting Incoming Call Taking

(Menu) → Select 'Setting' → Select 'Select Incoming Call Taking' → Select Menu to use → Press 'NATE' (Save)

To open Slide: Lift up the Slide to take incoming call.

Press Key: When taking incoming call, lift up the Slide and press any key and call is connected.

### 5. Automatic Region Number: User can set Region Number automatically.

(Menu) → Select 'Setting' → Select 'Automatic Region Number' → Set 'Use or Not' → Enter Number → Press 'NATE' (Save)

## 6. Automatic Answering

(Menu) → Select 'Setting' → Select 'Automatic Answering' → Select 'Setting Automatic Answering' → After selecting 'Set/Release' → Press 'NATE' (Save)

(Menu) → Select 'Setting' → Select 'Automatic Answering' → Select Screen Function → After selecting 'Set/Release' → Press 'NATE' (Save)

(Menu) → Select 'Setting' → Select 'Automatic Answering' → Select 'Method of Answering' → After selecting 'Answer after 3 seconds' → Press 'NATE' (Save)  
Answering after 5 seconds & 10 seconds

(Menu) → Select 'Setting' → Select 'Automatic Answering' → Select Greeting Words → Press 'NATE' (Save)

(Menu) → Select 'Setting' → Select 'Automatic Answering' → Select 'Record Greeting Message' → Press 'NATE' (Save)  
Up to 3 Greeting Messages can be saved, and time limit for Greeting Message is 15 seconds.

(Menu) → Select 'Setting' → Select 'Automatic Answering' → Select 'Inbox' → Press 'NATE' (Save)

## 7. Setting Modem

(Menu) → Select 'Setting' → Select 'Setting Modem' → After setting Connection Mode/Communication Port/Communication Speed → Press 'NATE' (Save)

## 8. Number Plus

(Menu) → Select 'Setting' → Select 'Number Plus' → Set 'Use or Not' → Enter Number → Select Bell Sound → Press 'NATE' (Save)

To use the Number Plus service, user should apply for the service to the service provider.

Number Plus is a service exclusively for reception and message cannot be received.

Contact the service provider for further details.

### 9. Initialization of Mobile Phone: The functions of the phone can revert back to initial setting.

(Menu) → Select 'Setting' → Select 'Reset the Phone' → Select 'Reset Function/Total Reset' → Press 'NATE' (Save)

Reset Function: Set Value changed by user can revert back to initial setting at the time of purchase.

Total Reset: All data except the number of user are deleted.

Reset Message Storage Box: All data stored in Message Storage Box are deleted.

Reset Phone Book: All data registered in the Phone Book are deleted.

### \*. Mobile Phone Information: User can get information on his/her own Mobile Phone.

(Menu) → Select 'Setting' → Select 'Phone Information' → Check Phone Information → Press  $\uparrow$ 1(End) Menu

Available information from this feature is Phone number, H/W information, S/W information, Date the phone opened, S/N.

### #. Emergency Phone Registration: This feature can be used in case the phone is locked.

(Menu) → Select 'Setting' → Select 'Register Emergency Phone' → After entering Phone number → Save(NATE)

User can use this feature by selecting  $\uparrow$ 1 (Emergency) in Waiting Screen after setting the Phone to Lock Mode.



Emergency numbers can be up to 4 (119, 112, 113 and a user defined number).

Select the emergency number and then press NATE key to connect.

If Password is entered after selecting  $\pm 2$  (Release) from Waiting screen, Locking is temporarily released. (When rebooting, it is reverted back to Lock Mode.)

## Menu Function - Message

### 1. Writing Literal Message

(Menu) → Select 'Message' → Select 'Write Literal Message' → Enter content → Select 'Transmission Method/Type' → Enter outgoing/incoming number → Press 'Transmit' (NATE)

Refer to 'How to enter Literal Message' for entering letters.

Transmission Method: Setting of Storage or not at the time of transmission of message (Not Save, Save after Transmission)

In the case of Save after Transmission, message is saved at Outgoing Mail Storage Box, and the message which could not be transmitted is saved in Hold Message Box.

Transmission Type: Speed of message transmission can be set (Ordinary, Fast or Urgent)

Phone number can be searched by selecting (Menu), and transmission of same message can be accommodated up to 20.

When pressing Save (NATE) in the course of editing sentence, the Text is saved in the Storage Box.

### 2. Color Mail

(Menu) → Select 'Message' → Select 'Color Mail' → Execute after selecting Menu to use

### 3. In Box

(Menu) → Select 'Message' → Select 'In Box' → After selecting the message to check → Press 'Confirm' (NATE)

If (Menu) is selected at the Incoming Message List Window, various functions for handling the Message are available; Reply/Delivery/Deletion/Total Deletion/Store in Phone Book/Save/Send blocking Spam.

If (Menu) is selected at the Message Confirm Window, same functions for handling the Message are available; Reply/Delivery/Deletion/Total Deletion/Store in Phone Book/Save/Send blocking Spam.

If (Reply) is selected at the Message Check Window, the Message can be sent to the phone number received.

When Literal Message is received, reception sound is made.

Literal messages are listed in ascending order with the latest one at the top.

If right/left key is pressed at the time of confirming a message, next message can be checked, and messages can be stored up to 100.

#### 4. Out Box

(Menu) → Select 'Message' → Select 'Out Box' → After selecting the message to check → Select 'To View (NATE) → Select (Menu) after checking

Outgoing Messages are saved and can be stored up to 20.

If (Menu) is selected at the Outgoing Message List Window, various functions for handling the Message are available; Reply/Delivery/Deletion/Total Deletion/Storage.

If (Menu) is selected at the Message Confirm Window, same functions for handling the Message are available; Delivery/Deletion/ Storage.

If (Delivery) is selected at the Message Confirm Window, the Outgoing Message can be revised and sent.

#### 5. Hold Message Box: Stores Literal Messages for which deliveries are failed.

(Menu) → Select 'Message' → Select 'Hold Message Box' → Select a Message to resend

After selecting one out of Delivery/Deletion/Total Deletion by pressing (Menu) → Press 'Select' (NATE) to resend.

(Menu) → Select 'Message' → Select 'Hold Message Box' → Select a Message to resend → After entering by pressing

(Resend) → Press 'Send' (NATE) to resend.

When an incoming call has arrived while writing Literal Message, the Message which was not sent is saved in the Hold Message Box.

Literal Messages can be stored up to 20.

#### **6. Text Box: Sentences to be used frequently can be stored.**

(Menu) → Select 'Message' → Select 'Text Box' → Select a sentence to use → Press (Menu) → After selecting Menu(NATE) to use → Execute  
5 basic sentences are provided, and the sentences stored in the Text Box can be newly stored, edited, deleted or totally deleted.

Sentences can be stored up to 20. (Length of Literal Message to enter is up to 10 characters in the case of Korean character and 20 in the case of English character.)

#### **7. Message Box: Place for long storage among Incoming/Outgoing Messages.**

(Menu) → Select 'Message' → Select 'Message Box' → Select a sentence to use → By pressing (Menu) → After selecting one out of Delivery/Deletion/Total Deletion → 'Select' (NATE)

(Menu) → Select 'Message' → Select 'Message Box' → Select a sentence to view (NATE) → After editing by pressing (Resend) → 'Send' (NATE)  
Stored Messages can be sent, deleted or totally deleted, and Messages can be stored up to 20.

#### **8. Voice Tag: Voice Message can be sent using Voice Mail Box service.**

(Menu) → Select 'Message' → Select 'Voice Tag' → Enter Title/Reception No. → Select 'NATE' (Send) → After recording Voice message, the Message is sent according to instruction

If user selects (Menu) at the time of selecting Reception No., the Message can be located through Search/Search Latest No.

If user selects (Menu) after recording, functions such as Mute/Send My Number/Search Phone No./Search Phone Book/Save Phone No. are possible.

Same Message can be sent to up to 10 reception numbers.

#### **9. Block SPAM Mail: This feature can block unnecessary messages after registering the Phone No. or Literal line.**

SPAM Phone No.

(Menu) → Select 'Message' → Select 'Block SPAM' → Select 'SPAM Phone No.' → After entering the Phone No. → Press 'NATE' (Save)

Addition/Deletion/Total Deletion of the registered SPAM Phone No's are possible.

Numbers can be stored up to 10. (The length of Phone No. to enter is up to 32 characters.)

#### SPAM Literal Line

(Menu) → Select 'Message' → Select 'Block SPAM' → Select 'SPAM Literal Line' → Enter Literal Line → Press 'Select (NATE)

Registered SPAM Literal Lines can be Added/Deleted/Totally Deleted.

Literal Lines can be stored up to 10. (The length of Literal Line to enter is up to 10 Korean characters and 20 English characters.)

SPAM Storage Box: SPAM Messages received are stored.

(Menu) → Select 'Message' → Select 'SPAM Storage Box' → Select 'SPAM Phone No.' → Press 'Select' (NATE)

Messages in SPAM Storage Box can be stored up to 20 in time sequence.

If the number of stored Messages is more than 20, additional new incoming Message is stored while the oldest Message is automatically deleted instead.

By Pressing (Menu), Literal Message received can be Deleted/Totally Deleted.

#### Setting of SPAM

(Menu) → Select 'Message' → Select 'Setting SPAM' → Select 'Release/Set' → Press 'NATE' (Save)

Use of SPAM function or not using can be selected through setting.

## 10. Setting Message: A function to inform the reception of Message can be set.

(Menu) → Select 'Message' → Select 'Setting Message' → After selecting one out of Inform Arrival /Select Informing Bell sound/Volume of Informing Bell Sound/Inform during a Call/Automatic View of Message → Press 'Save' (NATE)

Arrival Information Cycle: Inform once, Inform every 2 minutes, Not Inform (Preset value at the time of purchase is Inform once.)

Selection of Informing Bell Sound: Selection can be made among Sound Off, Bell Sound 1 – 5 (Preset value at the time of purchase is Bell Sound1.)

Volume of Information: Volume of information can be set (Preset value at the time of purchase is medium value.)

Inform during a Call: This feature informs another incoming call during a call.

(Selection can be made from Setting/Release, and preset value at the time of purchase is To Inform.)

Automatic View of Message: When a Message is received, automatic viewing of the content of the Message on LCD screen by selecting Setting/Release.

## 11. Memory Information

(Menu) → Select 'Message' → Select 'Memory Information' → Select 'Confirm' (NATE)

User can confirm the number of Messages stored in all Message Storage Boxes.

## Menu Function –

**Phone Book:** This function allows to confirm Registration and Search of Phone No., Editing of Shortcut No., Group Editing, Call Records, Call Time, Memory Information

### 1. Add Contacts

(Menu) → Select 'Phone Book' → Select 'Add Contacts' → Enter content → Press 'NATE' (Storage)

Items that can be registered are Name, Mobile Phone, Home No., Office No., Other No., Group No., E-mail, Fax, Bell Type, Picture Type, D-day and

Memo.

Total 1,200 Phone numbers can be registered.

Name: Up to 9 Korean characters/18 English characters, Phone No.: 32 characters, E-mail: 66 English characters (including figures), Memo: 40 Korean characters/80 English characters can be entered.

If (Shortcut key) is selected at the time of adding contacts, a shortcut number can be given.

A shortcut number given is displayed next to the phone number.

## 2. Search Phone Number

(Menu) → Select 'Phone Book' → Select 'Search Phone No.' → Select 'Search by Name' → Select 'NATE' (Search) after entering Name to search → Select 'NATE' (View) after entering Name to check → Select 'NATE' (Setting) after confirming the number → After selecting Menu to use by pressing (Menu), then execute.

Select 'Search by Group' → Select 'NATE' (Search) after selecting Group to search → View NATE (View) after selecting name → Select 'NATE' (Set) after confirming Number → After selecting a Menu to use by pressing (Menu), then execute.

Select 'Search by Phone number' → Select 'NATE' (Search) after entering a Name to check → Select 'NATE (View) after selecting Name to confirm → Select 'NATE' (Setting) after confirming Number → After selecting the Menu to use by pressing (Menu), then execute.

When user does not know full phone number, search is done by just entering a couple of head digits.

## 3. Edit Quick Dial key

(Menu) → Select 'Phone Book' → Select 'Shortcut Key Admin.' → After selecting Shortcut key, press 'NATE' (Search) → Press 'Nate' (Save)

Shortcut key is saved only when phone numbers are registered.

Shortcut key is saved up to 99 items. (Available Shortcut No's are 1 ~ 99)

#### 4. Group Editing

(Menu) → Select 'Phone Book' → Select 'Group Admin.' → After selecting the Group to use → Select 'Edit/Add/Delete/Reset' in (Menu)

→ NATE → After necessary correction, press 'NATE' (Set)

Selection for Basic Group is 5 for 'No Designation, Family, Friends, School and Office', and user can add 30 more Groups.

Editing is allowed for Basic Group but cannot be deleted. However, for 'No Designation Group', change of its name and deletion is not allowed but editing of content is possible.

Bell Sound can be designated by Group. (Designation can be done in the Menu for 'Select Bell Sound')

When registering new phone number, the number is stored in 'No Designation' Group unless specific Group is designated.

When executing 'Vacate' for Basic Group or All Groups, all items are stored in 'No Designation' Group. However, newly added Group will be deleted.

#### 5. Call Record

(Menu) → Select 'Phone Book' → Select 'Call Record' → After selecting phone number to use → Press 'NATE' (View)

Latest call records for Incoming Calls, Outgoing Calls and Missed Calls are available to view. (Store up to 30 items each)

By selecting (Menu),

1. Delete: Phone Number can be deleted.
2. Register: Phone Number can be registered.
3. Send Message: Message can be sent.
4. Missed Calls: Can identify Phone No's of Missed Calls. (Store up to 30 items)

- 5. Outgoing Calls: Can identify Phone No's of Outgoing Calls. (Store up to 30 items)
- 6. Incoming Calls: Can identify Phone No's of Incoming Calls. (Store up to 30 items)
- 7. Total List: Can identify all Phone No's of Outgoing/Incoming/Missed Calls. (Store up to 90 items in total)

## 6. Call Time

(Menu) → Select 'Phone Book' → Select 'Call Time' → After checking, press 'NATE' (Confirm)

User can identify latest Call Time and total accumulated Call Time.

By selecting (Menu), Call Time can be deleted (Reset).

## 7. Memory Information

(Menu) → Select 'Phone Book' → Select 'Memory Information' → After checking, press 'NATE' (Confirm)

## Menu Function - Camera

### 1. Photo shot

(Menu) → Select 'Camera' → Select 'Photo Shot' → After setting 'Photo Shot' Mode → Take Picture (NATE) → Press 'Nate' (Save)

Pictures taken are automatically saved with serial Number but without specific name of the picture. (Serial Number such as 1/1 will be indicated)

(Resolution) : Sets the size of Picture. (160\*120 / 320\*240 / 640\*480 / 1280\*960)

(ZOOM) : Sets the distance of Picture. (\*1 / \*2 / \*4)

(Brightness) : Sets the brightness of Picture. (Gradual escalating 5 stages)

(Image Quality) : Sets the quality of image. (3 stages are available)

(Flash) : Switches on flash light. (On / Off)

(Effect) : Can select among NORMAL, NEGATION, FOG, COOL and WARM.



(Shop Mode) : Selects General Shop or Serial Shot. (Basic Mode is General Shot Mode) Serial Shot can take up to 6 pictures in a row.

(Sticker Shot) : Sticker Shot Mode is available to set and background display can be selected.

Flash Light: Flash is on for 10 seconds. (Automatically off after the shot.)

Selection of Mode: Outdoor Mode – For outdoor shots

Indoor Mode – For indoor shots with florescent light on

Night Time Mode – For shots in the dark places

## 2. Motion Image Shot

(Menu) → Select 'Camera' → Select 'Motion Image Shot' → After taking picture (NATE) → Select 'Stop Shot' (Menu) → Save (Confirm)

At the time of Motion Image Shot, conditions such as Zoom, Brightness and Effect can be set and selection can be made out of Outdoor/Indoor/Night Time Mode.

**3. NATE Code: This new service for Wireless Internet Access provided by the service provider, which recognizes the codes printed on the paper such as Newspaper and Magazine or general goods through camera and accurately connects it to pertinent wireless contents of commercial transaction at once.**

**NATE Code service provides Color Code as well as Inter Code and automatically recognize them.**

(Menu) → Select 'Camera' → Select 'NATE Code' → Position the Printed Code to the center of screen → When Code is recognized, connected to wireless Internet

Brightness and size of screen can be adjusted.

**4. Photo On: After access to the service, user can search the content of the service and check or save the data in the phone after downloading it. (For further details, refer to the service provider.)**

(Menu) → Select 'Camera' → Select 'Photo On' → Select the Menu to use, and then execute.

## 5. Photo Print Request

(Menu) → Select 'Camera' → Select 'Photo Print Request' → After selecting Recipient, Delivery Address and Photo → Press (Send)

Recipient: Enter the name of receiving person.

Delivery Address: Enter the address of Recipient. (If the Address was not entered, delivery is made to the address to which mobile phone bill is sent.)

Title of Photo to Print: Only 1 Photo can be selected. Available sizes are 640\*480 / 320\*240 only.

## 6. Photo/Motion Image Album

(Menu) → Select 'Camera' → Select 'Photo/Motion Image Album' → After selecting one out of Photo Album/Motion Image Album →

Check the Photo and Motion Image

Photo Album: Stores the Photo taken. (Can store up to 200 Photos.)

Motion Image Album: Stores the Motion Image taken. (Can store up to 10 Images.)

## 7. Setting Camera: Can set Locking for Photos and Motion Images taken to prevent others' access.

When taking Photo, Effect Sound can be set.

(Menu) → Select 'Camera' → Select 'Setting Camera' → Select one out of Lock Album/Effect Sound

Lock Album: After entering Password, Lock or Release can be set.

Selection of Effect Sound: Selection can be made among Sound Off or Camera Sound 1-4.

## 8. Memory Information

Total Capacity: Indicates total capacity (5,633KB) for taking Photos and Motion Images.

Used Capacity: Indicates the capacity used for taking Photos and Motion Images.

Balance Capacity: Indicates the remaining capacity for taking Photos and Motion Images.

Photo Album, Motion Image Album: Indicates the capacity used for taking Photo and Motion Images respectively.

To take Shot using Shortcut Key for Camera (When Slide is closed)

1. Press down and hold [Camera] key long.
2. Can select Resolution by pressing [M] key and [Remote Control] key.
3. Can select Zoom by pressing [Message] key and [Phone Book] key.
4. Can turn on Flash by pressing (Menu) key.
5. Can select Indoor, Outdoor or Night Time Mode by pressing (confirm)
6. After selecting the above items, press [Camera] key and then the items selected will be automatically saved.

**\* Using this feature, Wide Screen Shot is possible.**

**\* In the case of taking pictures in a dark place or in night time, there might be dim lines on a part of the screen.**

**Such phenomena occur only when the place of taking picture is dark.**

## Appendix

### Troubleshooting;

- No display on screen;
  - Check battery pack.
  
- Antenna is not displayed on screen
  - Try again after moving to other area.
  
- Strange warning sound when placed an outgoing call
  - This may be the case where there is no call channel available or communication with base station is not through.  
After disconnecting by pressing\_\_\_\_, press\_\_\_\_ again to redial.
  
- Lamp on charger is blinking in red color.
  - After checking the position of battery pack, try again or try after cleaning the charging terminals.  
Refer to Service Center nearby if it does not help.
  
- Echo effect while talking.
  - Adjust volume or move to other place.
  
- Mal operation while using the phone or nothing works at all.
  - Separate battery pack, reset battery pack, and switch on the phone again.  
If situation is the same still, then refer to Service Center.
  
- Screen display is unclear.

- Usually under direct light (Sun light), display is hard to see.

If so, move to shadowy area or place with dimmer light.

Try to adjust the brightness of screen.

- Mal operation while using the phone or power does not turn on.

- Separate battery pack, reset battery pack, and switch on again.

- In case available hours for battery pack for use is different from that in manual.

- Naturally, available hours of battery pack for use gradually decreases as charging and discharging is repeated.

In case charged battery pack is kept a while under low or high temperature, available hour may change.

## Specification

Range of Frequency used	Transmission 824.7 ~ 848.31 MHz
	Reception 869.7 ~ 893.31 MHz
Frequency Stability	Within $\pm 2.5$ ppm
Outer Measurements (mm)	90*45*21 Small Battery
	90*45*23 Standard Battery
Weight (g)	99.4 Small Battery
	105.1 Standard Battery
Transmission Output	25dBm (Conducted)
Motion Temperature	-20 ~ +50℃
Relative Humidity	0% ~ 95%
SAR Radio Absorption Rate	0.316w/kg

**Caution:** Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the 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.

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

## FCC RF EXPOSURE INFORMATION

### Read this information before using your phone

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

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damaged the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

### Body-worn Operation

This device has been tested for body-worn operation and meets FCC RF exposure guidelines, and positions the handset at a minimum of 1.5Cm from the body. Use of any body-worn accessories may not compliance with FCC RF exposure guidelines.

*For more information about RF exposure, please visit the FCC website an [www.fcc.gov](http://www.fcc.gov)*

### Specific Absorption Rate (SAR) for Wireless Phones

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user for a wireless handset. The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less that the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SAR's do not represent a variation in safety. All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6W/kg are considered safe for use by the public.

The highest reported SAR values of 0.786 are:

CDMA mode (Part 22)- Head: 0.407 W/kg; Body-worn: 0.786 W/kg

### FCC Radio Frequency Emission

This phone meets the FCC Radio Frequency Emission Guidelines. FCC ID number: SBWVK200C

More information on the phone's SAR can be found from the following FCC website: <http://www.fcc.gov/oet/fccid>

## Warranty

Thank you very much for purchasing VK products.

Warranty period of this product is calculated from the date of purchase.

In accordance with Consumers' Damage Compensation Regulation by Item (Public Notice No. 2000-21 by The Ministry of Finance and Economy), VK Mobile implements warranty for our products as follows:

### Warranty Period

-Terminal: 1 year

-Lithium Ion Battery: 6 months

### Free Service

#### ► Free Service

1. Only in case the product becomes out of order within 1 year (Quality Guarantee Period) under normal use, free service will be provided.
2. In the case of battery, warranty period is 6 months.

### Paid Service

#### ► Paid Service

The following cases shall be subject to paid service even within warranty period:

- When the trouble is occurred due to consumer's carelessness
- When the trouble is occurred due to Act of God (Fire, earthquake, flood, thunderbolt, etc.)
- When the trouble is occurred due to a problem of power source
- When the trouble is occurred due to defective devices connected to the phone
- When the trouble is occurred due to the repair by any person other than engineers of VK's Service Center and VK designated agent.



Name of Product	CDMA 20 00 1X Terminal	Name of Model	VK200C
Date of Purchase		Serial No.	
Purchase Agent		Purchase Amount	

※ It is recommended that purchaser keeps this warranty together with receipt after filling out the pertinent columns in the warranty at the time of purchase to get more faithful service in the future.

Type of Damage to Consumers			Details of Compensation		
			Within Warranty Period	After Warranty Period	
Limited to defective problems due to performance/functional defect occurred in the condition of normal use (Excluding problems of marketing nature, non-defective nature and fault nature)	When requiring major repair within 10 days from purchase		Change of Product or Refund	Not applicable	
	When requiring major repair within 1 month from purchase		Change of Product		
	When the changed product requires major repair within 1 month		Refund		
	When change of product is impossible				
	Repair is possible	Up to 3 times of trouble due to Same defect		Free Repair	Paid Repair
		Up to 4 times of trouble due to Same defect		Change of Product or Refund	Paid Repair
		Up to 5 times of trouble due to different defects		Change of Product or Refund	Paid Repair
	In case repair is impossible due to lack of parts within part retention period		Change of Product or Refund	Refund will be made adding ( )% for the amount after depreciation based on straight line method.	
	In case repair is impossible even if parts are available			Refund after depreciation based on straight line method	