

**Hello,**

Thank you for purchasing VK cellular phone.

VK180 is a fabulous bar type camera MP3 phone only for brilliant people.

260K TFT LCD allows you to enjoy multimedia functions through clear and precise screen.

The 64 poly brings you incredible sound that is almost similar to that of the original sound quality and it will be your take-out audio system.

VK180 is embedded with cutting edge camera that features 1.3mega pixels, 4x digital zoom, self-timer function, and video clip recording function.

Thank you again for choosing VK product and we hope you have greatest success in your business with VK180.

Please read 'Safety Precaution' prior to use.

The content of this manual and functions of cellular phone are subject to change depending on the software version and conditions in business.

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## ***PRIOR TO USE***

- Safety Precaution
- Unpacking
- Phone Layout and Keys Function
- Keys Description
- LCD Icon Description
- Inserting SIM Card and Battery
- Charging Battery
- Reference About Battery Charging

# VK180

VK180

### ■ Safety Precaution

Please read safety precaution before using your cellular phone. Precaution contains contents that prevent users from potential health and financial hazards. Read carefully and use the product accordingly. If the following regulation stated in precautions is not followed, you may be subject to penalties or may cause illegal conditions. For more information, refer to Health and Safety Precaution described in the appendix of this manual.



#### Traffic Safety

Do not use a hand-held mobile phone while driving a vehicle. Follow traffic related regulations while driving. Using hand-held device while driving can be direct and indirect cause of accidents. If it is necessary to use a hand-held phone, park the vehicle before conversing or use hands-free/ear-microphone.



#### Potentially Explosive Atmosphere

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



#### Switch Off While Refueling

Users are advised to switch off the phone while at a refueling point (gas station).



#### Switch Off in Aircraft

Electronic frequency generated from your cellular phone can influence electronic equipments that are not radio frequency shielded on an airplane and cause dangerous conditions.



#### Switch Off in Hospitals

Follow any regulations or rules in force. Switch off your phone near medical equipment. All wireless phones may be subject to interference that can influence the performance of medical equipment. Consult with the medial equipment manufacturer to assure the equipment is safe from high-frequency energy.



#### Special Regulations

Meet any special regulations in force in any area and always switch off your cellular phone whenever the use is forbidden such as concert hall, public area, and etc. Also, avoid using your phone where the use of phone can cause serious danger (hospital, potentially explosive area, while driving).

#### Backup Data from Cellular Phone

Phone numbers, message and data stored in the phone book can be lost due to user's negligence. When cellular phone may be damaged and your data may be lost while repairing. Back up important data in safe medium. We do not take responsibility for damages incurred due to data loss.

#### Keep Cellular Phone in Dry Place

This cellular phone is not water-proof. Keep it in dry place.

#### Cellular Phone and Frequency Interference

All cellular phone are subject to radio frequency interruption. Radio frequency interference may influence the performance of your cellular phone.

#### Accessories and Batteries

Use only VK-approved accessories and batteries. If original accessories are not used, battery can explode or damage your cellular phone.

### Approved Service Center

When repairing your cellular phone, use only VK approved service centers.

### Emergency Calls

The cellular phone needs to be switched on and had to be in service area. If other functions are in use, finish the other function by pressing END key. Then, press emergency number and press CALL button. Describe your location and the emergency condition. Emergency call does not end until you hang up.

## ■ Unpacking

### 1. Handset

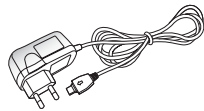


Cellular Phone

### 2. Battery and Travel Adapter



Battery

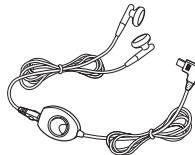


Travel adapter

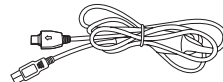
### 3. Accessories



User's Manual



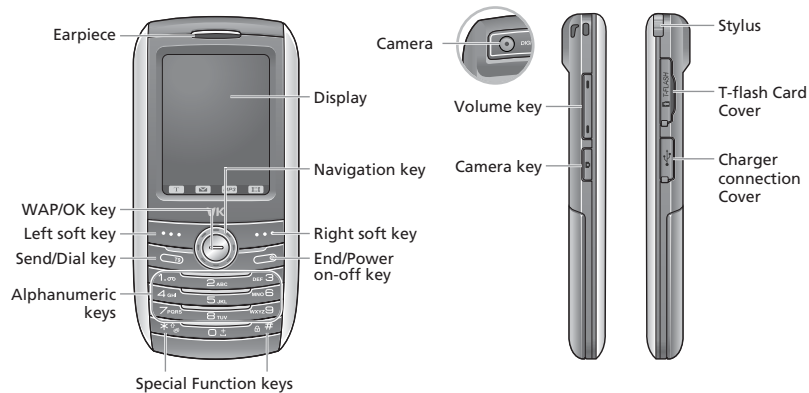
Ear-microphone



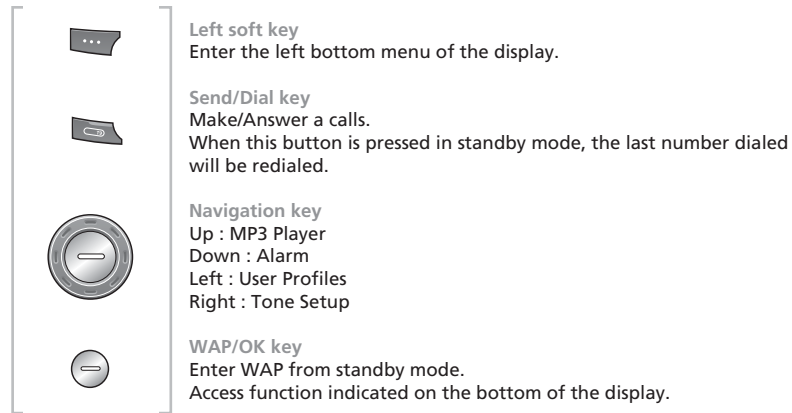
Data Cable

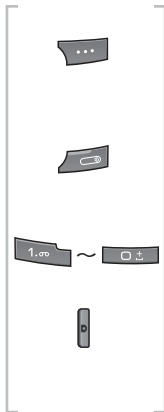
Actual product may look different from the above picture.

## ■ Phone Layout and Keys Function



## ■ Keys Description





#### Right soft key

Enter the Right bottom menu of the display.  
In standby mode enters Phone Book List.

#### End/Power on-off key

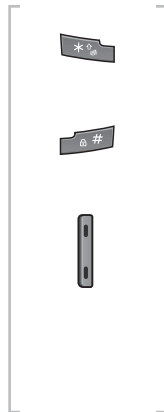
End a call.  
Hold down to switch the phone on and off.  
In menu mode, cancels input and returns the phone to standby mode.

#### Alphanumeric keys

Enter number and characters.

#### Camera key

In standby mode enters camera.



#### \* key

Hold down to activate manner mode on/off.

#### # key

Hold down to activate lock mode on/off.

#### Volume key

Adjust the button volume from standby mode.  
Conversation volume adjustment while speaking on the phone.



## LCD Icon Description



Shows the received signal strength. [Strong :  Weak : ]



Appears when a call is in progress.



Appears when you set the alarm to ring at a specific time.



Appears when you have new or unread message.



Appears when you set the alert type for incoming calls to vibration.



Appears when you set the Bluetooth function.



Shows the level of your battery.

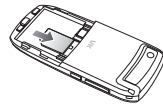


Appears when you set the key pad lock function.

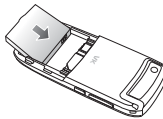
## Inserting SIM Card and Battery



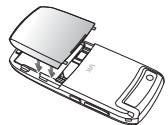
- ① Turn off the power of cellular phone.
- ② Remove the battery cover as shown in the figure below.



2. Face the gold color contact point of SIM card towards the cellular phone and push in the SIM card into the slot.



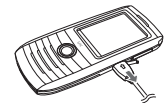
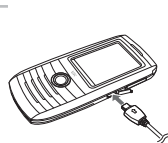
3. Push in the battery as shown in the figure below. Align the battery as shown in the figure.



4. Push in the battery cover until it makes 'Click' sound.

## ■ Charging Battery

### Charging with traveler's kit



Battery can be charged without desktop charger, thus, it is easier to take the charger with you.

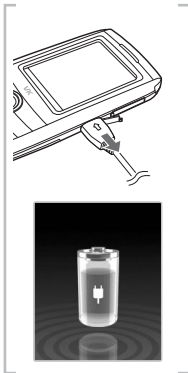
Charging through traveler's kit may take longer than using the desktop charger.

Connect traveler's kit to the external connector of cellular phone.

Connect the traveler's kit to the power outlet.

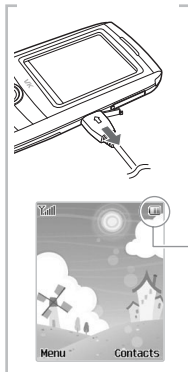
## ■ Reference About Battery Charging

### Handset Power off Status



Handset DISPLAY Status.  
Shows Battery charging status.

### Handset Power on Status



Handset DISPLAY Status.  
Charging Display Icon.













## BASIC FUNCTIONS













- Touch Screen
- Basic Function Buttons
- Character Input Mode

### ■ Touch Screen

You should better use a stylus to operate the touch screen. It may be damaged by your nail or any sharp item.


### ■ Basic Function Buttons

1. Press the  button below the  button for about three seconds to turn power on or off, terminate a call or switch to standby mode.
2. To dial a phone number [or to receive a call], enter the phone number by selecting it from your phone directory by pressing  button at the  bottom or by touching  icon at the bottom of the screen.
3. Press  key below number  button for about three seconds to switch to manner mode. Press  key for about three seconds to release manner mode. Your handset vibrates instead of rings a bell sound when it is set to manner  mode.
4. The locked condition is released when touching  icon on the standby screen after pressing the  button on the  button on the left.

5. Press  button to use diverse functions according to menu descriptions. Press desired numbers or select function menus (  ) using  or  keys.
6. Press  button to Phone Book List.
7. Press the  button in the center to start Internet service.
8. To prepare a message, touch  icon at the bottom.
9. Press  key to set Alarm.
10. Press  key to check User Profiles.
11. Press  key to start Tone Setup.
12. Press the number for about three seconds to dial a phone number with short-cut key.
13. Touch  icon at the bottom of the screen to use MP3 player.
14. Touch  icon at the bottom of the screen to view video.






## ■ Character Input Mode






### T9 Mode

This mode allows you to enter English words with only one keypress per letter. Each key on a keypad has more than one letter a single press on the  key could be J, K or L. The T9 mode automatically compares your key presses to an internal linguistic database to determine the correct word. This mode is based on a built-in dictionary. This mode requires far fewer keystrokes than the traditional multi-tap method.

#### [Typing English Words]

To type a word, press keys corresponding to the letters you need. Remember the following as you are typing :


1. Press key on the phone just once per desired letter. For example, to enter 'hello', press the following keystrokes : , , , , .
2. The word you are typing appears in the display.  
It may change with each key you press.


3. Press the  key, you can display alternate word choices for the keys that you have pressed.
4. Complete each word with a space by pressing the  key.
5. If the word that appears in the display is not the word that you desire, press the  one or more times to display alternate word choices for the keys you have typed.  
(For example, 'of' and 'me' both share the sequence , )  
The phone displays the most commonly used choice first.

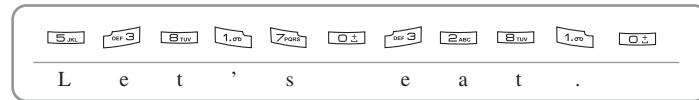


This mode displays all the words which are containing the letters you have entered. By doing this, the T9 mode saves you typing extra keypress.


### [Smart Punctuations]

Full stop, hyphen and apostrophe are available on the  key. The T9 mode applies rules of grammar to insert the correct punctuation.


Notice that the  key is used twice in this example to display two punctuation marks :





### [Shifting a Case]


To change the case in T9 mode, press the  key.

**[Scrolling]**


The  key scrolls to the alternative characters corresponding the keypress.

To view your message without moving the cursor, press  key on the left side of the phone.

To move the cursor left or right through your text message, press the  key.

Note that pressing the key without completing a word by the  key displays the alternative word.



**[Clearing Characters]**

Press the  key one or more times to remove characters from the text area.

**ABC Mode**

When typing in ABC mode, you should press numbers key labeled with the required character:

- Once for the first character.
- Twice for the second character and so on.

For example, you press the  key three times quickly to display the character "C", the  key three times quickly to display the character "L".

So, this method is called Multi-tap typing.

The cursor moves to the right when you press a different key.

When entering the same character twice (or a different character on the same key), just wait for a few seconds for the cursor to move right automatically, and then select the next character.


Refer to the table on page 31 for the list of characters assigned on each key.


### [Shifting a Case]

To change the case in ABC mode, press the  key.


### [Scrolling]

To view your message without moving the cursor, press  key on the left side of the phone.











To move the cursor left or right through your text message, press the  key.

Note that pressing the key without completing a word by the  key displays the alternative word.

### [Clearing Strokes and Characters]

Press the  key one or more times to remove characters from the Text Area.

For list of characters available see table.

Key	Characters in the Order Displayed	
	ABC	abc
 1.00	., - ? ! ' @ : # \$ / _ 1	., - ? ! @ : # \$ / _ ( ) 1
 2 ABC	A B C 2	a b c 2
 DEF 3	D E F 3	d e f 3
 4 GHI	G H I 4	g h i 4
 5 JKL	J K L 5	j k l 5
 MNO 6	M N O 6	m n o 6
 7 PQRS	P Q R S 7	p q r s 7
 8 TUV	T U V 8	t u v 8
 WXYZ 9	W X Y Z 9	w x y z 9
 0 ±	□ 0	□ 0



### Numeric Mode


Numeric mode is indicated by 123.

It enables you to enter numbers into a text message.

Press number keys corresponding to the desired digits.

### Symbolic Mode

Symbolic mode enables you to enter symbols into a text message.



Press the  key to view symbols from the text area.

When you see the desired symbol on the display, move to the desired symbol then press the

 Key to insert the symbol.

### Changing Text Input Mode

When you are in a field that allows characters entry, you should notice the text input mode indicator in the display. To change to another text input mode :

1. Press the  key repeatedly until you find the desired input mode.
2. Press the  key.

You will see the text input mode indicator in the top line of the display.

- T9 mode > T9 ABC (T9 ABC, T9 abc)
- ABC > ABC (ABC, abc)
- Numeric > 123
- Symbol > Symbol

Directions for using each of the text input modes appear later in this chapter.

## MENU FUNCTIONS

- Menu Tree
- AV Zone
- PIM
- Entertainment
- System

### ■ Menu Tree

#### AV Zone

##### MP3 Player

##### Video Player

##### Video Recorder

- To Player
- Camcorder Setting
- Video Setting
- Effect Setting
- Storage
- Restore Default

##### Camera

- Album
- Camera Settings
- Image Settings
- White Balance
- Scene Mode
- Effect Settings
- Add Frame
- Storage
- Restore Default

#### PIM

##### Phone Book

- Quick Search
- Search Entry
- Add New Entry
- Copy All
- Delete
- Caller Group
- Extra Number
- PBook Settings
- Caller Picture
- Caller Ring Tone



### Messages

- SMS
- MMS
- Chat
- Email
- Voice Mail Server
- Broadcast Message

### Call Records

- Missed Calls
- Dialed Calls
- Received Calls
- Delete Call Log
- Call Time
- SMS Counter
- GPRS Counter

### Organizer

- Calendar
- To Do List
- Alarm
- World Clock
- Calculator
- Unit Converter
- Currency Converter
- Health



### Entertainment

#### Fun & Games

- Games

#### Services

- WAP
- Data Account

#### Multimedia

- Image Viewer
- Photo Editor
- Sound Recorder
- Melody Compose

#### Bluetooth

- Power
- Inquiry Audio Device
- My Device
- Active Device
- Setting
- About

### System

#### Settings

- Pen Calibration
- Phone Setup
- Call Setup
- Network Setup
- Security Setup
- Restore Factory Settings
- Sound Effect



### User Profiles

- General
- Meeting
- Outdoor
- Indoor
- Headset
- Bluetooth

### Shortcuts

- Add New Entry
- Search Entry
- Caller Group
- Owner Number
- Memory status
- Preferred storage
- Greeting text
- Tone setup
- Volume
- Alarm
- Pen Calibration

### My File

- Phone
- DRM Rights



## ■ AV Zone

### 1. MP3 Player



Play music by selecting MP3 Player in AV Zone.

### 2. Video Player




You may view or store video files by selecting Video Player in AV Zone.

### 3. Video Recorder





You may record video files by selecting Video Recorder in AV Zone.



#### 1. To Player

It is allowed to the functions of replay, deletion and renaming of video clips when selecting Video Recorder on AV Zone to select the desired item from the stored items, and then pressing option (  ).



#### 2. Camcorder Setting

You may set up your camcorder brightness by selecting CamCorder Setting using  key after selecting Video Recorder in AV Zone and pressing option (  ).



#### 3. Video Setting

Set up video resolution, limit file size, limit recording time or audio recording using  key after selecting Video Setting and then pressing option (  ).



#### 4. Effect Setting

You may set up your effect color by selecting Effect Setting using  key after selecting Video Recorder in AV Zone and pressing option (  ).

#### 5. Storage

You may store on your mobile handset or memory card by selecting Storageg using  key after selecting Video Recorder in AV Zone and pressing option (  ).

#### 6. Restore Default


It is allowed to return the settings changed by a user to the defaults selecting Video Recorder on AV Zone, pressing option (  ), and then selecting Restore Default with the  key.

## 4. Camera





Turn on camera function by selecting Camera in AV Zone.



### 1. Album

You may check registered photos by selecting Album after selecting Camera in AV Zone and then pressing option (  ).



### 2. Camera Settings

You may set up your camera such as shutter sound by selecting Camera Setting using  key after selecting Camera in AV Zone and then pressing option (  ).


### 3. Image Settings

You may set up the image size and state by selecting Image Setting using  key after selecting Camera in AV Zone and then pressing option (  ).



### 4. White Balance

You may adjust weather brightness by selecting White Balance using  key after selecting Camera in AV Zone and then pressing option (  ).

### 5. Scene Mode

You may set up the background by selecting Scene Mode using  key after selecting Camera in AV Zone and then pressing option (  ).

### 6. Effect Settings

You may set up your effect color by selecting Effect Setting using  key after selecting Camera in AV Zone and pressing option (  ).



### 7. Add Frame

You may set up your frame by selecting Add Frame using  key after selecting Camera in AV Zone and pressing option (  ).

## 8. Storage

You may save data by selecting Storage using  key after selecting Camera in AV Zone and then pressing option (  ).

## 9. Restore Default

It is allowed to return the settings changed by a user to the defaults selecting Camera on AV Zone, pressing option (  ), and then selecting Restore Default with the  key .



## PIM

### 1. Phone Book





Select Phone Book menu.


#### 1. Quick Search





Press number  using  key to view the Phone Book list in PIM.







#### 2. Search Entry

To search a phone number by name, press number  in Phone Book of PIM using  key, and enter the name.

#### 3. Add New Entry






Press number  in Phone Book of PIM using  key to enter a new phone number.

- **To SIM** : Press number  and 'Ok' (  ) in Phone Book of PIM using  key to enter a new phone number to SIM. Enter the name and number by pressing 'Edit' (  ).

- **To Phone** : To add a new phone number to Phone, press number  in Phone Book of PIM using  key and 'Ok' (  ) in 'To Phone' using  key.  
Enter the name, phone number, home phone number, company name, e-mail address, office phone and fax numbers, and birthday in that order using  key.  
Press  key to select related photos or sound or set up call groups using the same method.









#### 4. Copy All

Press number  in Phone Book of PIM using  key to copy all phone numbers.



- **From SIM** : Press number  in Phone Book of PIM using  key and then select 'From SIM' by pressing 'Ok' to copy phone numbers from SIM.
- **From Phone** : Press number  in Phone Book of PIM using  key and then select 'From Phone' by pressing 'Ok' using  key to copy phone numbers from Phone.

#### 5. Delete

Press number  in Phone Book of PIM using  key to delete phone lists.

- **From SIM** : Press number  in Phone Book of PIM using  key and then select 'From SIM' by pressing 'Ok' to delete phone numbers from SIM.
- **From Phone** : Press number  in Phone Book of PIM using  key, move to 'From Phone' using  key and then select 'From Phone' by pressing 'Ok' to delete phone numbers from Phone.
- **One By One** : Press number  in Phone Book of PIM using  key, move to 'One By One' using  key and then select 'One By One' by pressing 'Ok' to delete phone numbers One By One.











#### 6. Caller Group

Press  in PIM Phone Book using  key to set up groups (friends, family, business or other).



## 7. Extra Number













Press  in PIM Phone Book using  key to register more phone numbers.

- **Owner Number**: Press  on Phone Book of PIM. It is allowed to correct or delete Own Number selected with the up and the  key.
- **Service Dial Number** : Press  on Phone Book of PIM. Selecting Service Dial Number with the  key displays the SDN number. Select the desired number with the  key, press the  button, and then originate the call to the number.
- **SOS Number** : Press  on Phone Book of PIM. Selecting SOS Number with the  key displays the SOS number. Select the desired number with the  keys, press the  button, and then originate the call to the number.



## 8. PBook Settings

Press number  in Phone Book of PIM using  key to set up details of phone books.


- **Memory Status** : Press number  and  in Phone Book of PIM using  key to check SIM and handset memory.

- **Preferred Storage** : Press number  and  in Phone Book of PIM using  key and  to save data either in SIM or on handset.
- **Fields** : Press number  and  in Phone Book of PIM using  key and set up 'on/off' pressing  button after moving to it using  key to set up home phone, company name, e-mail address, office phone and fax number, birthday, related photos Associate Picture or Associate sounds, and caller groups.
- **My vCard** : Press number  and  in Phone Book of PIM using  key to set up, edit or Send my vCard.

## 9. Caller Picture

When you desire to set CLI of individuals or groups, use the  key to press  on Phone Book of PIM.

## 10. Caller Ring Tone

When you desire to set tones unique to individuals or groups, Using  to select Caller Ring Tone in Phone Book of PIM.

## 2. Messages



Select Messages menu.

### 1. SMS

Press number **1.00** in Messages of PIM to check text messages.

- **Inbox** : Press number **1.00** in SMS of Messages to check received messages.
- **Outbox** : Check sent messages by selecting Outbox after pressing number **1.00** in Message of PIM ( **...** ) and **0** key.
- **Write Message** : Prepare messages by selecting Write Message after pressing number **1.00** in Messages of PIM and **0** key.  
**Done** : Select option ( **...** ) in Write Message screen. Press **1.00** to send, **2.ABC** to save and send, **DEF 3** to save, **4.GHI** to send to specific multiple parties, and **5.JKL** to send to groups.

**Use Template** : Select sentences saved on your handset by pressing **2.ABC** after selecting 'Option' ( **...** ) in Write Message screen.

**Insert Object** : Send pictures, emoticons, melodies or sounds by pressing **DEF 3** after selecting 'Option' ( **...** ) in Write Message screen.

**Format Text** : Select text size, style, alignment or new paragraph by pressing **4.GHI** after selecting 'Option' ( **...** ) in Write Message screen.








**Insert PHB Number** : Send Number from Phonebook by pressing **5.JKL** after selecting 'Option' ( **...** ) in write message screen.

**Insert PHB Name** : Send Name from Phonebook by pressing **6.MNO 6** after selecting 'Option' ( **...** ) in write message screen.

**Insert Bookmark** : Send URL address from Bookmark by pressing **7.PQRS** after selecting 'Option' ( **...** ) in write message screen.








**Input Method** : Select input method by pressing **8.TUV** after selecting 'Option' ( **...** ) in Write Message screen.



- **Template** : Select sentences saved on your handset in Template selected by pressing number **1.00** in Message of PIM.



- **Message Settings** : Set up message options by selecting Message Settings after pressing number  in Message of PIM and  key.  
**Profile Setting** : Select one in the profile list that appears when you press  after selecting Message Settings.  
**Common Setting** : Set up Delivery Report and Reply Path by pressing  after selecting Message Settings.  
**Memory Status** : Check Memory Status by pressing  after selecting Message Settings.  
**Preferred Storage** : Select either handset or SIM memory device by pressing  after selecting Message Settings.  
**Pref. Bearer** : Select either GPRS or GSM by pressing  after selecting Message Settings.



## 2. MMS



Press number  in Message of PIM to check options related to multimedia messages.



- **Write Message** : Prepare messages entering addressee, attention or hidden attention parties, phone number or e-mail address after selecting Write Message by pressing number  in Message of PIM. When you select Edit Content using  key, a screen appears where you can enter message texts. You can insert images or sounds or attach messages or video clips saved on your handset by selecting option here.
- **Inbox** : When you select Inbox by pressing number  in MMS of Messages, you may check received messages.
- **Outbox** : When you select Outbox by pressing number  in MMS of Messages, you may check sent messages.
- **Draft** : When you select Draft by pressing number  in MMS of Messages, you may check messages saved temporarily.
- **Template** : When you select Template by pressing number  in MMS of Messages, you may use sample sentences saved on your handset.
- **Message Settings** : When you select Message Settings by pressing number  in MMS of Messages, you may set up related options.



**Compose** : Set up image size or auto signature by pressing  after selecting Message Settings by pressing number  in MMS of Messages.

**Send** : Check message validity, arrival status or checked by addressee by pressing  after selecting Message Settings by pressing number  in MMS of Messages.


**Retrieve** : Check home network, roaming service, arrival status or checked by addressee by pressing  after selecting Message Settings by pressing number  in MMS of Messages.

**Filter** : Set up maximum size or to reject ad or messages from certain callers by pressing  after selecting Message Settings by pressing number  in MMS of Messages.

**Server Profile** : Check server profile by pressing  after selecting Message Settings by pressing number  in MMS of Messages.

**Memory Status** : Check memory status by pressing  after selecting Message Settings by pressing number  in MMS of Messages.

### 3. Chat

Enter chatting room by pressing number  in Messages of PIM.

### 4. Email

You can create email by pressing  in PIM's Messages.

### 5. Voice Mail Server

PIM Check voice message by pressing number  in Messages of PIM.

### 6. Broadcast Message

Check broadcast message by pressing number  in Messages of PIM.

### 3. Call Records



You can check the recent call lists by selecting Call Records in PIM of menu.

- **Missed Calls** : To check recent missed calls, press number **1.00** in Call Records of PIM.
- **Dialed Calls** : To check recent missed calls, press number **2.ABC** in Call Records of PIM.
- **Received Calls** : To check recent received calls, press number **DEF 3** in Call Records of PIM.
- **Delete Call Log** : Press number **4.GHI** in Call Records of PIM to delete call log.  
 Missed Calls : Press number **4.GHI** and **1.00** in Call Records of PIM to delete missed calls.  
 Dialed Calls : Press number **4.GHI** and **2.ABC** in Call Records of PIM to delete dialed calls.  
 Received Calls : Press number **4.GHI** and **DEF 3** in Call Records of PIM to delete received calls.  
 Delete All : Press **4.GHI** , again **4.GHI** in PIM Call Records on the left to delete all phone records. Press number **4.GHI** and **4.GHI** in Call Records of PIM to delete all calls.
- **Call Time** : Press number **5.JKL** in Call Records of PIM to view call time.  
 Last Call Time : Press number **5.JKL** and **1.00** in Call Records of PIM to view the last call time.


Total Sent : Press number **5.JKL** and **2.ABC** in Call Records of PIM to view total calls made.  
 Total Received : Press number **5.JKL** and **DEF 3** in Call Records of PIM to view total calls received.



Reset All Time : Press number **5.JKL** and **4.GHI** in Call Records of PIM to reset all time.

- **Call Cost** : Press number **MNO 6** in Call Records of PIM to check call cost.  
 Last Call Cost : Press number **MNO 6** and **1.00** in Call Records of PIM to check the last call cost.  
 Total Cost : Press number **MNO 6** and **2.ABC** in Call Records of PIM to check total call cost.  
 Reset Cost : Press number **MNO 6** and **DEF 3** in Call Records of PIM and enter PIN2 to reset cost.  
 Max Cost : Press number **MNO 6** and **4.GHI** in Call Records of PIM and enter PIN2 to check maximum cost.  
 Price Per Unit : Press number **MNO 6** and **5.JKL** in Call Records of PIM and enter PIN2 to check price per unit.
- **SMS Counter** : Press number **7.PQRS** in Call Records of PIM to view SMS counter.



**Sent :** Press number  and  in Call Records of PIM to view sent SMS counter.

**Received :** Press number  and  in Call Records of PIM to view received SMS counter.

- **GPRS Counter :** Pressing  on Call Record of PIM displays the historic details of GPRS data origination and termination.

**Last Sent :** Pressing  and then  on Call Record of PIM displays the size of data last transmitted.

**Last Received :** Pressing  and then  on Call Record of PIM displays the size of data last received.

**All Sent :** Pressing  and then  on Call Record of PIM displays the size of the total transmitted data.










**All Received :** Pressing  and then  on Call Record of PIM displays the size of total received data.

**Reset Counter :** Pressing  and then  on Call Record of PIM resets the GPRS Counter to the default.

## 4. Organizer



Select Organizer in PIM menu.

- **Calendar :** Set up date by pressing number  in Organizer of PIM.
- **To Do List :** Set up key work schedule by pressing number  in Organizer of PIM.
- **Alarm :** Set up Alarm by pressing number  in Organizer of PIM.
- **World Clock :** Check present time of world major cities by pressing number  in Organizer of PIM.
- **Calculator :** PIM Press number  in Organizer of PIM to use calculator mode.
- **Unit Converter :** Press  in PIM Organizer to convert between length or weight units.  
Press number  in Organizer of PIM to convert length or weight units.
- **Currency Converter :** Press number  in Organizer of PIM to calculate foreign currency.
- **Health :** Press number  in Organizer of PIM to check BMI or menstrual cycle.

## ■ Entertainment



### 1. Fun & Games



Make selection from Entertainment in the menu.



#### 1. Games

Press number **1.00** in Fun & Games of Entertainment and use  to play games.

- **Copter** : After pressing **1.00** in Fun & Games of Entertainment and selecting Copter, you may begin the game by pressing number **1.00** or view the highest point by pressing **2.ABC**, or view help screens by pressing **DEF 3**.
- **Puzzle** : Select Puzzle after pressing **1.00** in Fun & Games of Entertainment (  ) and, you may begin the game by pressing number **1.00**, select the game level by pressing **2.ABC**, view the highest point by pressing **DEF 3** or view help screens by pressing **4.GHI**.
- **Panda** : Select Panda after pressing number **1.00** in Fun & Games of Entertainment (  ). You may begin the game by pressing number **1.00**, view the highest point by pressing **2.ABC** or view help screens by pressing **DEF 3**.

- **Game Setting** : Press number **4.GHI** in Games of Fun & Games to set up game background music or sound, or vibration.

**Game Audio** : After pressing number **4.GHI** in Games of Fun & Games, you can set up the Game Audio.

**Game Vibration** : After pressing number **4.GHI** in Games of Fun & Games, turn on or off game vibration using  key after moving to 'Game Vibration' using  key.





## 2. Services









Make selection from Entertainment in the menu.


















### 1. WAP

Pressing  on Service of Entertainment allows user to access Internet.




- **Homepage** : Press number  in Service of Entertainment and 'Ok' (  ) to move to Home Page.
- **Bookmarks** : Press number  in Service of Entertainment and select 'Bookmarks' using  key.




**Yahoo** : You can manage bookmarks by pressing  after selecting Bookmarks by pressing  in Service under Entertainment. You may select Enter, Edit, Delete Current Page, Delete All, or Add to Bookmark functions using  key.




**Sina** : You can manage bookmarks by pressing  after selecting Bookmarks by pressing  in Service under Entertainment. You may select Enter, Edit, Delete Current Page, Delete All, or Add to Bookmark functions using  key.

- **Recent Pages** : Check the recently visited pages by pressing Recent Pages using  key after pressing number  in Service of Entertainment.
  - **Enter Address** : Enter home page address by pressing Enter Address using  key after pressing number  in Service of Entertainment.
  - **Service Inbox** : Check Service Inbox by pressing Service Box using  key after pressing number  in Service of Entertainment.
  - **Settings** : Check Settings by pressing Settings using  key after pressing number  in Service of Entertainment.
- Edit Profile** : Press  after selecting Settings using number  in Service of Entertainment and  key.
- Browser Options** : Press  after selecting Settings using number  in Service of Entertainment and  key.
- Service Message Settings** : Press  after selecting Settings using number  in Service of Entertainment and  key.







Clear Cache : Press  after selecting Settings using number  in Service of Entertainment and  key.

Clear Cookies : Press  after selecting Settings using number  in Service of Entertainment and  key.

Trusted Certificates : Press  after selecting Settings using number  in Service of Entertainment and  key.

## 2. Data Account

Pressing  on Service of Entertainment allows user to edit his/her profile.

- **GSM Data** : It is allowed to select and edit GSM Data with the  key after pressing  on Service of Entertainment.
- **GPRS** : It is allowed to select and edit GPRS with the  key after pressing  on Service of Entertainment.

## 3. Multimedia




Make selection from Entertainment in the menu.

### 1. Image Viewer

Press  in Multimedia under Entertainment menu to view or save images.

### 2. Photo Editor

Pressing  on Multimedia of Entertainment in the menu allows editing photographs, and setting the desired wallpaper.

### 3. Sound Recorder

Press  in Multimedia under Entertainment menu to select sound.

### 4. Melody Compose

Press number  in Multimedia of Entertainment to compose a new melody.



For example, number is 'Do', 'Re', 'Mi', 'Fa', 'So', 'Ra' and 'Ti'.

- **Play** : Press to play your melody after selecting 'Add' and 'Option' by pressing number in Multimedia of Entertainment.
- **Play speed** : Press to adjust play speed after selecting 'Add' and 'Option' by pressing number in Multimedia of Entertainment.  
Ex) Allegro, Moderato, Largo
- **Select Instrument** : Press to select instrument after selecting 'Add' and 'Option' by pressing number in Multimedia of Entertainment.  
Ex) Piano, guitar, violin, saxophone, drum, flute, harmonica, trumpet, or xylophone.
- **Save** : Press to save your melody after selecting 'Add' and 'Option' by pressing number in Multimedia of Entertainment.



## 4. Bluetooth



You may set up Bluetooth devices and related matters by selecting Bluetooth under Entertainment menu.

### 1. Power

You may turn on or off Bluetooth functions by pressing after selecting Bluetooth under Entertainment menu.


### 2. Inquiry Audio Device

You may automatically detect Bluetooth devices by pressing after selecting Bluetooth under Entertainment menu. Bluetooth function needs be turned on for detection.


### 3. My Device

You may register Bluetooth devices by pressing after selecting Bluetooth under Entertainment menu.


#### 4. Active Device

You may select your desired Bluetooth device among those already registered on your phone by pressing  after selecting Bluetooth under Entertainment menu.

#### 5. Setting

You may change device name, authenticate, select output device, or FTP by pressing  after selecting Bluetooth under Entertainment menu.

#### 6. About

You may view detail information like various profiles related to Bluetooth devices by pressing  after selecting Bluetooth under Entertainment menu.

## System

### 1. Settings


















































#### 1. Pen Calibration



















Press number  in Settings of System (  ).

### 2. Phone Setup



Press number  in Settings of System (  ).










- **Time and Date** : Press number  and  in Settings of System (  ).  
 Set Home City : Set Home City by pressing number ,  and  in Settings of System (  ).  
 Set Time/Date : Set time and date by pressing number ,  and  in Settings of System (  ).  
 Set Format : Edit time and date format by pressing number ,  and  in Settings of System (  ).
- **Schedule Power On/Off** : Schedule Power On/Off by pressing number  and  in Settings of System (  ).





- **Language** : Set Language by pressing number  and  in Settings of System (  ).
  - **Preferred Input Methods** : Select Preferred Input Method by pressing number  and  in Settings of System (  ).
  - **Display Setting** : Set up screen options by pressing number  and  in Settings of System (  ).
- Wallpaper** : Set background screen by pressing number ,  and  in Settings of System (  ).
- Screen Saver** : Select screen saver by pressing number ,  and  in Settings of System (  ).
- Power on Display** : Select start screen by pressing number ,  and  in Settings of System (  ).
- Power off Display** : Select closing screen by pressing number ,  and  in Settings of System (  ).
- Show Date and Time** : Select time and date by pressing number ,  and  in Settings of System (  ).





- Show Owner Number** : Select user phone number by pressing number ,  and  in Settings of System (  ).
- **Greeting Text** : Set up your greeting message by pressing  and  in Settings under System menu.
  - **Speed Dial** : Set up your quick dial numbers by pressing  and  in Settings under System menu.
  - **Dedicated Key** : Assign a function to a button to activate it one-touch. Press ,  in Settings under System menu.
  - **Auto Update of date and time** : You can set the date and time to be automatically updated by pressing ,  in Settings under System menu.
  - **Flight Mode** : Activate Flight Mode by pressing , and using  to select Flight Mode in Settings under System menu.
  - **Handwriting** : Set the rate and the color when writing letters on the screen with stylus by pressing , and using  to select Flight Mode in Settings under System menu.
  - **LCD Backlight** : Set the backlit duration by pressing , and using  to select Flight Mode in Settings under System menu.





### 3. Call Setup





Set up call by pressing number  in Settings of System (  ).





- **Caller ID** : Select caller display by pressing number  and  in Settings of System (  ).
- **Call Waiting** : Select Standby mode by pressing number  and  in Settings of System (  ).
- **Call Divert** : Select call transfer mode by pressing number  and  in Settings of System (  ).





**Divert All Voice Calls** : Divert All Voice Calls by pressing number ,  and  in Settings of System (  ).













**Divert If Unreachable** : Divert to a number If Unreachable by pressing number ,  and  in Settings of System (  ).








**Divert if No Answer** : Divert to a number If No Answer by pressing number ,  and  in Settings of System (  ).

**Divert If Busy** : Divert to a number If Busy by pressing number ,  and  in Settings of System (  ).

**Divert All Data Calls** : Divert All Data Calls by number ,  and  in Settings of System (  ).










**Cancel All Divert** : Cancel All Divert by pressing number ,  and  in Settings of System (  ).




- **Call Barring** : Select Call Barring by pressing number  and  in Settings of System (  ). You can block incoming or outgoing calls. You need to enter password to block or release.
- **Line Switching** : Switch phone lines by pressing number  and  in Settings of System (  ).
- **Call Time Reminder** : Turn on or off Call Time Reminder by pressing number  and  in Settings of System (  ).
- **Call Time Display** : Turn on or off Call Time Display by pressing number  and  in Settings of System (  ).

- **Auto Redial** : Turn on or off Auto Redial by pressing number  and  in Settings of System (  ).
- **Close user Group** : Set Group function on or off by pressing ,  in Settings under System menu.
- **IP Number** : Set IP Number by pressing , and using  to select Flight Mode in Settings under System menu.



#### 4. Network Setup














Press number  in Settings of System (  ) to set up network options.




- **Network Selection** : Select desired network automatically or manually by pressing number  and  in Settings of System (  ).
- **Preferred Networks** : Select favorite network by pressing  and  button in Settings of System (  ).
- **Band Selection** : Select network band range by pressing  and  button in Settings of System (  ).

- **GPRS Connection** : Set GPRS connection as required by pressing  and  button in Settings of System (  ).



#### 5. Security Setup

Set up lock (security) device by pressing number  in Settings of System (  ).



- **PIN Lock** : Lock PIN number by pressing number  and  in Settings of System (  ).
- **Phone Lock** : Set handset lock device by pressing number  and  in Settings of System (  ).
- **Auto Keypad Lock** : Set auto keypad lock device by pressing number  and  .  
(0, 5, 30 seconds, 1 and 5 minutes)
- **Fixed Dial** : Set auto dial by pressing number  and  in Settings of System (  ).
- **Barred Dial** : Activate a barred dial by pressing ,  in Settings under System menu.

- **Change Password** : Change PIN and PIN2, handset lock device password by pressing number  and  in Settings of System (  ).

## 6. Restore Factory Settings

Restore factory settings of your handset by pressing number  in Settings of System (  ). Be careful as this may delete all you have saved.

## 7. Sound Effect


Set up your general or ordinary, base, dance, classic, party, pop, or Rock sound effect by pressing  in Settings under System (  ).

## 2. User Profiles




Select Use Profiles under System menu.


### 1. General

You may set up general or ordinary sound by pressing  after selecting Use Profile under System menu.

### 2. Meeting

You may set up etiquette bell sounds by pressing  after selecting Use Profile under System menu.


### 3. Outdoor

You may set up out-of-home (office) bell sounds by pressing  after selecting Use Profile under System menu.

#### 4. Indoor

You may set up at-home sound by pressing  after selecting Use Profile under System menu.

#### 5. Headset

You may set up headset sounds by pressing  after selecting Use Profile under System menu.

#### 6. Bluetooth

You may set up Bluetooth sound by pressing  after selecting Use Profile under System menu.

### 3. Shortcuts



#### 1. Add New Entry

Set a hotkey by selecting Add New Entry in Shortcuts under System menu.

#### 2. Search Entry

Set a hotkey by selecting Search Entry in Shortcuts under System menu.

#### 3. Caller Group

Set a hotkey for a group by selecting Caller Group in Shortcuts under System menu.

#### 4. Owner Number

Set a hotkey for my number by selecting Owner Number in Shortcuts under System menu.

#### 5. Memory Status

Set a hotkey for memory status by selecting Memory Status in Shortcuts under System menu.





### 6. Preferred Storage

Set a hotkey for storage priority by selecting Preferred Storage in Shortcuts under System menu.

### 7. Greeting Text

Set a hotkey for greeting text by selecting Greeting Text in Shortcuts under System menu.

### 8. Tone Setup

Set up short-cut menus for sound loudness by selecting Tone Setup under System > Shortcuts menu.

### 9. Volume

Set a hotkey for volume by selecting Volume in Shortcuts under System menu.



### 10. Alarm

Set up alarm short-cut menus by selecting Alarm under System > Shortcuts menu.

### 11. Pen calibration

Set a hotkey for pen calibration by selecting Pen calibration in Shortcuts under System menu.









#### 4. My File




Select My File in System (  ).

##### 1. Phone

Select Phone (  ) in My File.

- **Open** : It is allowed to open received messages, audio clip, photographs, images, music clips and moving pictures when pressing  after selecting Phone (  ) in My File.
- **Create Folder** : It is allowed to create folders when pressing  after selecting Phone (  ) in My File.
- **Format** : It is allowed to execute the desired format when pressing  after selecting Phone (  ) in My File.

##### 2. DRM Rights

Select DRM Rights with the  key in My File.

## ***OTHER FUNCTIONS***

- Safety Information
- Glossary

# VK180

### ■ Safety Information

#### Password Input

There are several passwords that are used by your phone and its SIM card. These passwords help you protect your phone against unauthorized use.

#### Phone Password

The phone password is used for unlocking the keys, deleting all Phonebook entries, restoring the factory setting, and locking or unlocking the phone. If the Phone Lock feature is enabled, you must enter the password each time the phone is turned on.

This password can be used to avoid unauthorized use of your phone. The password is usually preset to 0000 .


#### PIN Code


PIN(Personal Identification Number)code protects your SIM card against unauthorized use. The PIN code is usually supplied with the SIM card. When the PIN code request is enabled, the code is asked each time the phone is switched on.

If you key in incorrect PIN code three times in succession, the phone will lock and you will be required to enter a PUK code. When you enter a new PIN code, you will have to enter your new password twice to confirm correct.

#### PIN2 code

Some SIM cards are provided with a PIN2 code. To use a function this code may be required. The use of this code requires the support of the SIM card.

If you key in an incorrect PIN2 code three times in succession, enter the PUK 2 code and then press the  key.

When you enter a new PIN2 code, you will have to enter it twice for confirmation and then press the  key.

#### PUK code

The PUK (Personal Unblocking Key) code is used for changing a blocked PIN code. This code is usually supplied with the SIM card, if not contact your service provider. If you key in an incorrect PUK code ten times in succession, the SIM card will become void and you must obtain a new card. As the PUK code cannot be changed, contact your service provider if you forget the code.

#### PUK2 code

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code. If you key in an incorrect PUK2 code ten times in succession, you cannot use the functions requiring the PIN2 code. Contact your service provider for a new card. You cannot change the PUK2 code. If you lose the code, contact your service provider.

#### Barring Password

The 4-digit barring password is required when you use the Call Barring function. You can obtain the password from your service provider when you subscribe to this function.

## Using the Batteries

The battery provided with the phone is a Lithium slim battery.

### Precautions When Using Batteries

- 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 base station, it uses less power; talk and standby times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging times depend on the remaining battery charge, 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 approved batteries and recharge your battery only with 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.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and life-time 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).
- Accidental short circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the back of the battery), for example when you carry a spare battery in a pocket or bag. Shortcircuiting the terminals may damage the battery or the object causing the short-circuit.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.



## Safety Information

### Traffic Safety

Do not use a hand-held mobile phone while driving a vehicle. If using a hand-held phone, park the vehicle before conversing. Always secure the phone in its holder, do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop. The use of an alert device to operate a vehicle lights or horn on public roads is not permitted.

**Remember, road safety always comes first!**

### Operating Environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference of danger. When connecting the phone or any accessory to another device, read its users guide for detailed safety instructions. Do not connect incompatible products. As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended



that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

### Electronic Devices

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

### Other Medical Devices

Electromagnetic waves generated from the cellular phones may dangerously affect medical devices. Switch off your phone in health care facilities in accordance with their regulations.

### Car

Electromagnetic wave signals may affect improperly installed or inadequately shielded electronic systems in a car. Check with the manufacturer regarding your car before using your phone.



**Potentially Explosive Atmospheres**

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

Users are advised to switch off the phone while at a refueling point (service station). Also switch your phone off when you are below deck on boats; in chemical transfer or storage facilities and in vehicles using liquefied petroleum gas as the air may contain chemicals or particles such as grain, dust or metal powders.

**Vehicles**

Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous.

Check regularly that all mobile phone equipment on your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

Do not install your mobile phone equipment near an air bag. If the air bag inflates, your phone may be damaged.



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

**Emergency Calls**

**Important!**

This phone, like any mobile phone, operates using radio signals, wireless and landline networks as well as user-programmed functions that cannot guarantee connection in all conditions.

Therefore, you should never rely solely upon any wireless phone for essential communications (for example, medical emergencies).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and phone features are in use. When you cannot use this function, contact your local service provider.



To Make an Emergency Call :

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 999 or other official emergency number). Emergency numbers vary by location.
3. Press the SOS key. If certain features are in use (key guard, restrict calls, etc.), you may first need to turn those features off before you can make an emergency call. Consult this document and your local cellular service provider. When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be only means of communication at the scene of an accident-do not cut off the call until given permission to do so.



## Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care.

Carefully read the following information :

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



- Do not paint the phone. Paint can clog the devices moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications of attachments could damage the phone and may violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility.

### Radio Frequency (RF) Signals

This VK180 model meets international standards for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population.

Those guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The guidelines 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. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.

Tests for SAR are conducted in accordance with CENELEC testing procedures using standard operating positions 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 operation 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 of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines.



The tests are performed in positions and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body. The highest SAR values of this model are DCS band head SAR : 0.635W/kg, GSM band head SAR : 1.480W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirement for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

- \* **The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.**
- \* **CENELEC is a European Union standard body.**



## ■ Glossary

### Airtime

Actual time spent talking on the wireless phone. You are billed according to this reference.

### ALS (Alternate Line Service)

ALS provides the capability of associating two alternate lines with one SIM card. You can make and receive calls on either line as desired with this service.

### Call Barring

Ability to restrict outgoing and incoming calls.

### Call Divert

Ability to reroute calls to another mobile or fixed line.

### Call Holding

Ability to put one call on standby while answering or making another call; you can then switch between the two calls, as required.

### Call Waiting

Ability to inform users that they have an incoming call when engaged on another call.

**CLI (Caller Line Identification) Service**  
Service allowing subscribers to view or block the telephone numbers of callers.

**Conference Calling**  
Ability to establish a conference call involving up to five additional parties.

**DTMF (Dual-Tone Multi Frequency)**  
You send DTMF signals when you enter numbers by pressing the digit keys.

**Hands-Free**  
A feature that permits a driver to use a wireless phone without lifting or holding the handset an important safety feature for automobiles, tractors and most other motorized vehicles.

**GSM**  
**(Global System for Mobile Communication)**  
International standard for cellular communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

**LCD (Liquid Crystal Display)**  
Commonly used to refer to the screen display on the wireless phone.

**LED (Light Emitting Diode)**  
Commonly used to refer to a small light on the wireless phone or on the Desktop Charger. The lights on the charger indicate that battery charging is taking place.

**PIN (Personal Identification Number)**  
Security code that protects the phone against unauthorized use. The PIN is supplied by the service provider with the SIM card. It may be a four to eightdigit number and can be changed, as required.

**PUK (PIN Unblocking Key)**  
Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

**Roaming**  
Use of your phone when you are outside your home area (when traveling for example).

**SIM (Subscriber Identification Module)**  
A card containing an integrated circuit. The circuit contains the information about the phone operation.

**SMS (Short Message Service)**  
A network service sending and receiving messages to and from other persons without the need to call. The incoming messages immediately appear on the display, and you can edit, receive and send the messages.

### Soft Keys

The function of this key : Varies according to the function that you are currently using.

Is indicated on the bottom line of the display just above the corresponding key.

### Voice Mail

When you cannot be reached, you can record your voice using this function.

### Wireless

Receives signals. There is not need to connect using a physical connection, such as a metal wire (copper) or fiber optic cable.

For more details, contact your local service provider. There may be some differences between the phone and user manual.

## Warranty Card

**VK**Mobile

### LIMITED WARRANTY

VK MOBILE provides this Limited Warranty to the original purchaser of this mobile phone and its original in-box accessories (hereinafter referred to as "Product").

Should your Product need warranty service, please return it to the dealer / retailer from whom it was purchased, or contact VK MOBILE Authorised Service Centre or visit to get further information.

### OUR WARRANTY

Subject to the conditions of this Limited Warranty, VK MOBILE warrants this Product as free of defects in design, material and workmanship according to the following period.

- Handset: 24 months from the purchasing date
- Battery: 6 months from the purchasing date
- Accessory: 6 months from the purchasing date

### WHAT WE WILL DO

If, during the warranty period, this Product fails to operate under normal use and service, due to defects in design, materials or workmanship, VK MOBILE authorised distributors or service partners, will, at their discretion, either repair or replace the Product in accordance with the terms and conditions stipulated herein.

VK MOBILE and its service partners reserve the right to charge a handling fee if a returned Product is found Out of Warranty according to the conditions below.

Please note that your personal settings/downloads will be lost when the Product is repaired or replaced. VK MOBILE cannot be held responsible for ensuring that the SIM Card is removed from any returned products, and for saving any stored data, for either in Warranty or out of Warranty products.

#### CONDITIONS

1. The warranty is valid only if the original proof of purchase issued to the original purchaser by a, for this Product, VK MOBILE authorised dealer / retailer, specifying the date of purchase and serial number, is presented with the Product to be repaired or replaced. VK MOBILE reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the Product from the dealer.
2. This warranty does not cover any failure of the Product caused by as follows :
  - a) Due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with the VK MOBILE instructions for use and maintenance of the Product. Due to accident, software or hardware modification or adjustment, a natural disaster or damage due to spills of food or liquid.
  - b) Repair or disassembly of the Product performed by non-authorised person by VK MOBILE.
  - c) The batteries are charged by any other than VK MOBILE approved chargers.
  - d) Damage of the battery caused by overcharging or failure to use in accordance with the specific instructions of care stipulated in the product manual.

- e) Any of the seals on the battery enclosure or cells are broken or show evidence of tampering.
- f) Use of accessories or other peripheral devices which are not VK MOBILE approved original accessories intended for use with the Product.
- g) The model, IMEI, product number has been altered, deleted, removed, or made illegible.
- h) SIM Lock has been modified by any other than VK MOBILE authorised person or route.

3. Since the cellular system on which the Product is to operate is provided by a carrier independent from VK MOBILE. VK MOBILE will not be responsible for the operation, availability, coverage, services or range of that system.
4. In all cases that require unlocking or locking of an operator's SIM-lock, VK MOBILE will first direct the Customer to such operator for unlocking or locking of the SIM-lock before repairing or replacing the Product.
5. This limited warranty is the Customer's sole and exclusive remedy and neither VK MOBILE nor the distributors shall be liable for any incidental or consequential damages for breach of any express or implied warranty of this product.

6. THERE ARE NO EXPRESS WARRANTIES, WHETHER WRITTEN OR ORAL, OTHER THAN THIS PRINTED LIMITED WARRANTY. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL VK MOBILE OR ITS LICENSORS BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY LAW.

This warranty gives you specific legal rights, and you may also have other rights which vary from country to country.

This warranty does not affect the customer's statutory rights under applicable legislation in force, nor the consumer's rights against the dealer from their sales/ purchase contract.

**Österreich**  
do-IT Servicemanagement GmbH  
Bäckenbrunnlgasse 7B, A-1183 Wien  
Email: office@do-it-service.com

## **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 radiofrequency (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, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

### **Body-worn Operation**

This device has been tested for body-worn operation and meets FCC RF exposure guidelines. Body-worn operation is restricted to accessories that maintain a minimum of 1.5cm separation to the body and do not contain metallic components. Use of any other body-worn accessories may not comply with FCC RF exposure guidelines. For more information about RF exposure, please visit the FCC website at [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 than 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 averaged over 1 gram of tissue are considered safe for use by the public. The highest reported SAR values of VK180 are :

GSM mode-Head : 1.32W/kg    Body-worn : 0.518W/kg (averaged over 1 gram of tissue.)

PCS mode-Head : 0.918W/kg    Body-worn : 0.669W/kg (averaged over 1 gram of tissue.)

**FCC Radio Frequency Emission**

This phone meets the FCC Radio Frequency Emission Guidelines.

FCC ID number : SBWVK180

More information on the phone's SAR can be found from the following

FCC website :<http://www.fcc.gov/oet/fccid>

**FCC Part 15 Class B Compliance**

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

**Note 1:** THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.