

VZ102 User Manual

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1. General Information

1.1 Introduction

Thank you for purchasing this product from our company. This booklet explains the features and functionality of this handset. **Please note that from time to time** our company may upgrade the software of a product and that this may not always be reflected in the user guide.

1.2 Warnings and Cautions

ACCESSORIES(CHARGER, BATTERIES, HEADSET)

Use only accessories approved by producer for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous. Check the model of any charger before use with this device. Make sure the temperature of phone be maintained from -10°C to +50°C.

SWITCH ON SAFELY

Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

INTERFERENCE

All wireless phones may be susceptible to interference, which could affect performance.

SWITCH OFF IN HOSPITALS

Follow any restrictions. Switch the phone off near medical equipment.

SWITCH OFF IN AIRCRAFT

Follow any restrictions. Wireless devices can cause interference in aircraft.

SWITCH OFF WHEN REFUELLING

Do not use the phone at a refuelling point. Do not use near fuel or chemicals.

SWITCH OFF NEAR BLASTING

Follow any restrictions. Do not use the phone where blasting is in progress.

QUALIFIED SERVICE

Only qualified personnel may repair this product.

WATER-RESISTANCE

Your phone is not water-resistant. Keep it dry.

BACK-UP COPIES

Remember to make back-up copies or keep a written record of all important information stored in your phone.

CONNECTING TO OTHER DEVICES

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.

EMERGENCY CALLS

Ensure the phone is switched on and in service. Dial 112 and then press call. Do not end the call until given permission to do so.

1.3 About your device

The wireless device described in this guide is approved for use on **GSM 850 and PCS 1900** networks. Contact your service provider for more information about networks.

When using the features in this device, obey all laws and respect privacy and legitimate rights of others. When taking and using images, obey all laws and respect local customs as well as privacy and legitimate rights of others.

Warning: *To use any features in this device, other than the alarm clock, the device must be switched on. Do not switch the device on when wireless device use may cause interference or danger*

1.4 Network services

To use the phone you must have service from a wireless service provider. Many of the features in this device depend on features in the wireless network to function. These network services may not be available on all networks or you may have to make specific arrangements with your service provider before you can utilize network services. Your service provider may need to give you additional instructions for their use and explain what charges will apply. Some networks may have limitations that affect how you can use network services. For instance, some networks may not support all language dependent characters and services.

Your service provider may have requested that certain features be disabled or not activated in your device. If so, they will not appear on your device menu. Your device may also have been specially configured. This configuration may include changes in menu names, menu order and icons. Contact your service provider for more information.

2. Your Phone



2.1 Keys and connectors



- | | |
|----------------------|--|
| 1. Torchlight | 2. Earpiece |
| 3. Navigation keys | 4. "Left Function" key |
| 5. "Camera" key | 6. "Call" key |
| 7. Number keys 0~9 | 8. "*" key |
| 9. Mic | 10. Mini 5 pin USB(Charger/Headset connector) |
| 11. "#" key | 12. "End" key:ends an active call or exit from any functions |
| 13. "Multimedia" key | 14. "Right Function" key |
| 15. "OK" key | 16. Camera |
| 17. Loudspeaker | |

2.2 Screen and operations













Screen displays the current status.

There are two key parts in the screen display areas:

- 1> Status symbols on the left and right top of the screen; they represent the signals receiving strength and the rest capacity of battery.
- 2> Text and graphs in the middle of area, including numbers, texts and active symbols.

2.3 Status symbols

Symbols on the top:

Symbols	Signification	Symbols	Signification
	Signals received strength		Headset mode
	A new message not read		Battery capacity
	Message box is full (symbol flashing)		International roaming
	Alarm		Vibrate enable
	Call forwarding in no condition		Vibrate and tone enable
	TF card connected		Mute

2.4 Backlight and Keylock

- ◆ You can configure backlight through menu selection. The backlight will be shut off automatically.
- ◆ Keylock can avoid your key pressing unintentionally .
- ◆ For unlocking keylock quickly, press key "Right Function" then key"*"; or press and

- hold key"*" at idle screen to unlock keylock quickly
- ◆ For locking keylock manually, press key"**Right Function**" then key"*"; or press and hold key"*" at idle screen to lock keylock quickly.
- ◆ It will be locked automatically as long as the phone is in standby mode after a short while.
- ◆ For setting keylock, please press the following: "**OK**">"**Settings**">"**Phone settings**">"**Keypad locking settings**". You can choose "**Disable**", "**30 Seconds**", "**60 Seconds**".

2.5 Special keys

When in idle screen, there are several keys which have special functions

- ◆ "**OK**" key : press and hold key "**OK**", you can switch the torchlight on / off.
- ◆ "**#**" key : press and hold key "**#**", you can switch the mute on / off.
- ◆ "**Camera**" key : press key "**Camera**", you can take a photograph.
- ◆ "**Multimedia**" key : press key "**Multimedia**", you can go to the Multimedia menu

3. Getting started

3.1 The first call

- 1> Insert SIM card (phone shut off). You can find the installation details in section 3.2 "Installing the SIM Card".
- 2> Charging the battery. Refer to section 3.3 "Battery and Charging".
- 3> Pressing "**End**" for approximately 5 seconds, turn on the phone.
- 4> Input a password if the screen says that you need to do so, then press "**OK**" for confirmation.
- 5> Enter a PIN code if asked to do so, the PIN will normally come with the SIM Card, then press "**OK**" for confirmation.
- 6> Enter the area code and phone number, then press "**Call**" to make a call.



Caution: You have to insert a valid SIM card and charge the battery before use

3.2 Installing the SIM Card

SIM card storage your phone numbers, PIN1, PIN2, PUK1, PUK2, IMSI, network information, contacts data and SMS data

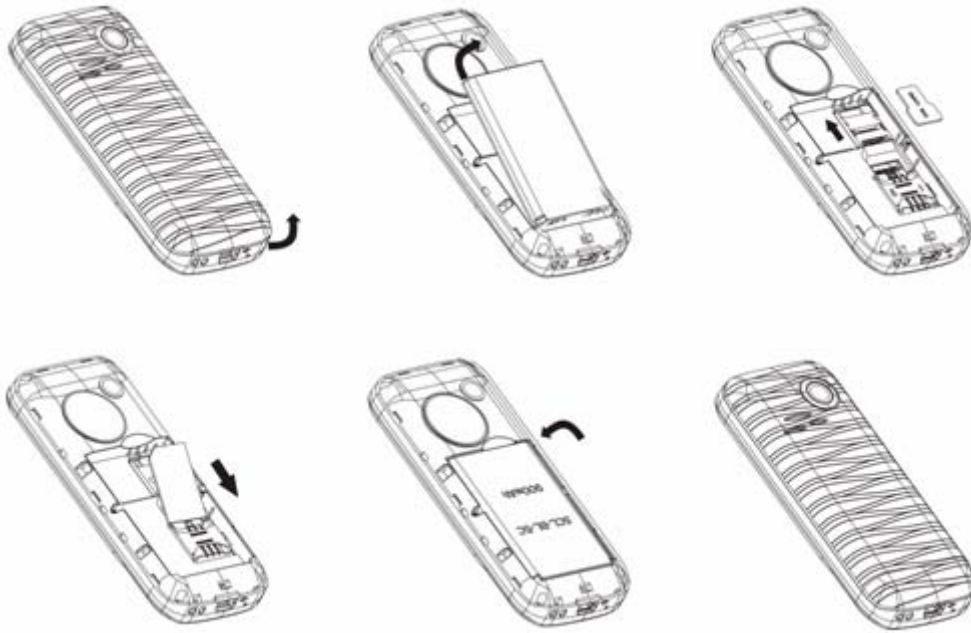


Caution:

·Make sure that you insert or pull out SIM card after the phone has been shut down for several seconds, otherwise, it may damage the SIM.

·Please insert or pull out SIM card carefully.

·Keep all SIM cards out of the reach of small children.



Steps:

- ◆ Press and hold “End” until phone is powered off, then remove back cover from phone.
- ◆ Take battery out of phone.
- ◆ Push slot cover to unlock position, place TF card in slot to make sure pin to pin connection, then pull cover back to lock position.
- ◆ Insert SIM card smoothly with correct direction.
- ◆ Put battery into phone.
- ◆ Assemble back cover with phone.



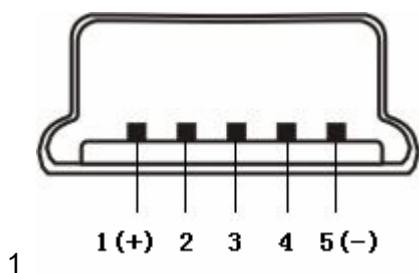
Cautions:

·If the SIM is in a wrong way or the SIM is damaged, the screen will have the following message “No SIM Card” after turning on the phone. Please check the SIM status by shutting off phone.


·For availability and information on using SIM card services, contact your network operator

3.3 Battery and Charging

- 1> Connect the charger to an AC wall socket. If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.
- 2> Connect the lead from the charger to the socket on the bottom of your phone. The charging time depends on the charger and the battery used. When you disconnect the power cord, grasp and pull the plug, not the cord.
- 3> Specification of socket




2 Input: 5V ----- 500mA

 **Warning:** Use only batteries, chargers, and accessories approved by our company for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous. Check the model of any charger before use with this device.

3.4 Turning on and off

- Press and hold the “**End**” key to turn the phone on. If the phone asks for a PIN or security code, enter the code supplied with your SIM card (displayed as ****), and press key “**OK**”.
- Press and hold the “**End**” key to turn off when the phone is power on.

 **Warning:** Do not switch the phone on when use of a mobile is prohibited or when it may cause interference or danger.

3.5 Using password

You can set several types password by accessing the menu “**Settings**” > “**Phone settings**” > “**Security settings**”. Here you can choose “**Power on PIN1**”, “**Change PIN2**” and “**Phone code**”

◆ **Phone Code**

Phone Code is offered by our company. The default password is 0000. It protects your phone from unauthorised use. If “Phone code” is available, you need to enter the password when the phone is turned on.

◆ **PIN Code**

PIN Code (4~8bits) is to avoid unauthorised use of your SIM card. The PIN code comes with the SIM Card from your network operator. If the PIN code is activated, you have to enter it whenever the phone is switched on. If you insert the wrong code 3 times, the SIM card will be locked. The unlock way is shown below:

- 1> Insert correct PUK Code follow the tips.
- 2> Then insert the new PIN Code, and press “**Left Function**”.
- 3> Insert the new PIN Code again for confirmation.
- 4> If PUK Code is correct, SIM Card will be unlocked. PIN Code will be reset.

 **Warning:** PUK Code will be available from your network operators.

◆ **PUK Code**

PUK Code (PIN Code unlock code, 8bits) is for unlocking the pin code. If you insert the wrong PUK Code 10 times, the SIM will be disabled. You will need to get a replacement SIM from your network operator.

◆ **PIN2 Code**

PIN2 Code may be offered by your network operator. It support several functions such as “Calling fee calculation”. Please contact your network operator for more information. If you insert the wrong PIN2 code 3 times, PIN2 code will be locked. Only inserting correct PUK2 code can unlock PIN2:

- 1> Insert correct PUK2 Code follow the tips
- 2> Then insert the new PIN2 Code, and press “**Left Function**”.
- 3> Insert the new PIN2 Code again for confirmation.

◆ **PUK2 Code**

PUK2 Code (PIN2 code unlock code, 8bits) is for unlocking pin2 code. If you insert the wrong PUK2 Code 10 times, the SIM Card will be disabled. You will need to get a new SIM Card from your network operators.

◆ **Forbidding password**

It will be needed while using call barring. You can get this code from network operator when you apply this function.

4. Normal functions

4.1 Dialing

There are several ways to make a call:

- In Standby screen, key on area code + phone number, press the “**Call**” key.
- Check the number from call history and press the “**Call**” key.
- Find a number from “Phonebook” and press the “**Call**” key.

◆ **International Dialing**

Press key “*” twice continually, symbol “+” comes out on the screen. Then input the countrycode, area code, phone number and press the “**Call**” key

◆ **Dial Ext.**

Key in the telephone exchange number, press key “*” 3 time to bring up a “p” symbol and then input the extend number.

◆ **Correct the wrong input**

Press key “**Right Function**” to delete the last character.

◆ **Dailing a number from “Phonebook”:**

- 1> Find the number you want to dial from “**Phonebook**”. To search: Press the first character of the names, then press key “**Up**” or “**Down**” to find the contact.
- 2> Press key “**Call**”.

◆ **Redial**

- 1> In Standby mode, press key “**Call**” to display calling list.
- 2> Press key “**Left**” or “**Right**” to switch the list.
- 3> Press key “**Up**” or “**Down**” to select the number you want to dial.
- 4> Press key “**Call**”

◆ **Speed dials**

- 1> In Standby mode, press key "OK"> "Phonebook"> "Speed dials", you can edit the number list here.
- 2> In Standby mode, you can press and hold number keys "2" to "9" to speed dial.

4.2 Answering the call

- 1> The phone will ring or vibrate when a call is coming. (It depends on your Profiles).
- 2> Press key "Call" or key "Left Function">"Accept" to pick up the call.
- 3> To end the call, press the "End" key.
- 4> To reject the call, press the "End" or key "Right Function".



Cautions:

The call number is displayed on the screen if it can be recognised.

4.3 Selection during the call

◆ Call waiting

If the network support this function and you register it, you will hear a call waiting sound when you are making a call.

- 1> Press key "Call" or key "Left Function">"Accept" to answer a call, the first call will be hold on automatically. Refer to "Hold / Switch"
- 2> Press "Right Function" or "End" reject new coming call.
- 3> Press key "Up" or "Down" to choose the current call , press key "Left Function">"Disconnect" to end up the call.

◆ Hold / Switch

When there are two calls connected

- 1> Press the "Right Function" key to switch and to place the current call to hold on, and make the other to be unhold.
- 2> Press the "End" key to hang up one line, you can choose which line to hang up by pressing the navigation keys.,press the "End" key to hang up current calling.
- 3> Press the "Left Function"->"Release all" can hang up all calls, including current and holding calls.

◆ Call holding

If network support this function, you can start a call when you in another call:

- 1> Press number keys and make a call. Then dial another number and press "Call" to make the second call.
- 2> The first call will be held automatically.

◆ Mute

This function switches on/off the microphone of phone or other connected microphones.

Press the "Left Function" key >"Mute"/"Unmute" during a call.

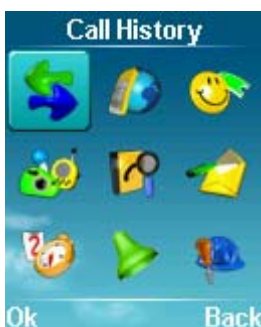
◆ Other options in calling

You can go back to the main menu to enter "Phonebook", "Message Center" etc.

5. Menu

You can find every function through "Menu" by press key "OK".
Press key "End" returns you to the Standby mode.

5.1 Call History



5.1.1 Missed calls

You can check missed calls.

- 1> Select one missed number.
- 2> Press key "**Left Function**" to enter option:

Dial to: Dial the missed call.

Send message to: Edit message and send it to the missed call.

Delete: Delete the missed call from the missed list.

Save number: Save the selected number to the SIM or handset.

Delete all: Delete all the missed numbers

Show number: Show the missed number you want to check.

5.1.2 Received calls

This function allows you to check received calls, other functions are the same as for missed calls listed above.

5.1.3 Dialed calls

Here you can check the recently dialed number, also you can dial, send message, delete, save number.

5.1.4 Call duration

Dialed calls: Check the duration of all calls you dialed.

Received calls: Check the duration of all calls you received.

Last call duration: Check the duration of last call.



Cautions: Some operations need you input PIN2 Code, please find the code from the network operator.

5.1.5 Delete calls

Delete all Missed calls, Dialed calls, Received calls and clear all calls .

5.1.6 SMS Counter

Show the amount of messages in inbox and outbox.

5.2 movistar



Some extended services may be offered by certain SIM cards. Services and the content depend on SIM Card and your network. You can find more information from the network operator.

5.3 Entertainment



Games: Include tetris and sudoku, You can find help for each game. It allows you to modify general settings for each game.

5.4 Multimedia



You can press “**Multimedia**” key to enter this menu.

5.4.1 FM Radio

Press key ” **OK**”> ”**Multimedia**”> ”**FM Radio**”.

The FM radio depends on an antenna other than the handset's internal antenna. A compatible headset or enhancement needs to be attached to the device for the FM radio to function properly.



Warning: Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing. Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.

1. Press key “**Left Function**” to enter option:

Radio switch off: Exit from FM Radio.

Volume: Adjust volume level.

Set frequency: Set a valid frequency as current station.

Station: You can check all the saved stations

Save station: Save current station.

Change RDS: **Change RDS settings.**

Loudspeaker: Switch on /off loudspeaker,

Voice recorder: Record current station program.

2. Press the key "Up" or "Down" to switch preset station.
3. Press and hold the key "Left" or "Right" to search stations, When it find one station, searching will be stopped.
4. Press and hold key "OK" to adjust volume level.

5.4.2 Camera

Press key "OK"> "Multimedia"> "Camera" to preview.

You can press the key "OK" to take a photograph, then press "Left Function" to continue or "Right Function" to delete the picture.

Options as below

Photos: Overview the photos. All photos are stored at folder \Photos\.

Banding: you can set as "50Hz" and "60Hz"

White balance: you can set as "Auto", "Cloud", "Daylight", "Fluorescent" and "Incandescence".

Scene mode: you can set as "Auto" or "Night" mode

Effect: you can set as "Normal", "Sketch" or "Embossment"

Use default set: Resets all parameters to the factory setting

5.4.3 Image viewer

Overview the photos at folder \Photos\, Refer to section 5.95 "File manager" for more details.

5.4.4 Voice recorder

Press key "OK"> "Multimedia"> "Voice recorder".

Press key "Left Function" to start recording. Also you can delete, play and rename the file.

5.4.5 MP3 Player

Press key "OK"> "Multimedia"> "MP3 Player"

1. Press key "OK" to start/pause.
2. Press key "Left/Right" to play the previous/next MP3.
3. Press key "Left Function" to options:

Play list: you can check the MP3 play list here.

Play mode: you can set the play mode as

Singal once: play singal song once

Repeat singal: play singal song repeatly

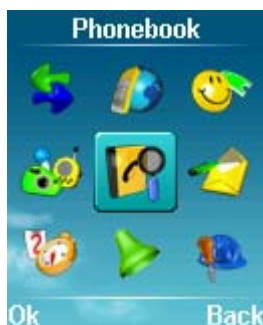
List once: play the list once

Repeat list: repeat the list

Random: choose a random one to play

EQ setting: you can set the effect as "Normal", "Classic", "POP", "Bass", or "Rock".

5.5 Phonebook



You can store names and numbers in the handset or the SIM card.

5.5.1 Search

Input the first character of the name you want to search. The classified names will be displayed in the middle of the screen.

5.5.2 Add new entry

Add numbers and names.

5.5.3 Caller groups

You can assign different ring tones based on different groups.



Cautions: This function only works when numbers are stored in the handset memory

5.5.4 Speed dials

Activate Speed dials function and edit assigned keys.

5.5.5 Special numbers

You can check the emergency numbers, service numbers and own number.

5.5.6 Delete all

Delete all names and numbers at one time.

5.5.7 Copy

Copy all names and numbers from handset memories to SIM Card, or vice versa.

5.5.8 Storage status

Check the amount of numbers stored on the handset memories or the SIM Card. The capacity depends on the type of SIM Card.

5.5.9 FDN

You can enable fixed dial and edit the fixed number list.

5.6 Message Center



5.6.1 Creating a message

Note: Each text can only be up to a maximum of 160 characters. Any additional parts of the text will be carried over into another text. In the right hand corner of the screen, you can find the number of characters and current section sequence of the message. For example: 70/1

Steps:

- 1> Press key "OK">" **Message Center**">"**Create message**"
- 2> Insert name, number and template text while editing the message.
- 3> When you finish the text, press key "**Left Function**">"**Send**" to enter the desired number or press the "**Left Function**" key to enter the phone book to select a number,

then press **“OK”** to send the messages. If you want to send to more people, press key **“OK”**>**“Left Function”**>**“Add”**when you finished the last number selection. Repeating these steps you can send to more people.



Note: When you receive a message saying the text has been sent successfully, this means that the message has been sent to the message center you set, and does not mean that the text has been received.

4> You can choose the input language. Press the **“Left Function”**>**“Input language”**

5.6.2 Inbox, Outbox, Draftbox

When you received a text message, you can find the information about the amount of new messages on the screen in standby mode. Select **“Ok”** you can check out the message or select **“Back”**, then you can press key **“OK”** > **“Message Center”**>**“Inbox”** to check the message.

In Draftbox, you can check the information about stored messages.

In Outbox, you can check the messages that have been sent out.

5.6.3 Voice mail

The voice mailbox is a network service and you may need to subscribe to it. For more information and for the voice mailbox number, contact your service provider. press key **“OK”** > **“Message Center”**>**“Voice mail”**. To call your voice mailbox, select **“Listen to voice mail messages”**. To edit your voice mailbox number, select **“Voice mailbox number”**.

5.6.4 Broadcast message

This function allows you receive many kinds of text message, such as weather or transportation report. You can get more information from your network operator.

Topic: You can select (Select topic,Add topic,Edit topic and Delete topic)to receive broadcast message.

Language: Select the language of the broadcast messages you received.

Service Status: Turn on and off receiving broadcast messages.



Cautions: Language support network operator dependent.

5.6.5 Message setup

press key **“OK”** > **“Message Center”**>**“Message setup”**

Service center: It stores the message center number which will be provided by network operator.

Validity period: You can select the available sending time.

Status report: It enables the return report when a message has been sent out successfully or not. This function depends on network operator support.

Storage media: Setting the location for message storage.

Storage status: Check message storage information such as the amount of messages it can store.

Saved sent item: It can enable the automatic saving of sent messages.

5.6.6 Delete all

Delete all messages or messages in each box.

5.7 Extra



5.7.1 Calculator

- 1> Input number by number keys. Key “*” is radix point. Key “#” represent negatives.
- 2> Keys “Up”, “Down”, “Left”, “Right” represent +, -, ×, ÷ as shown on the screen.
- 3> Press key “OK” will get the result.

5.7.2 Calendar

In calendar, press key “OK” to enter the memo, you can save a brief text with alarm, The character of alarm’s date will display in blue. If the alarm goes off, press the “Right Function” or “End” keys to stop the alarm and you also press key “OK” for the alarm to ring again 5 mins later.

5.7.3 Alarm

You can set the phone alarm at a desired time once or weekly. And it can be set to alarm once or repeatedly such as on each working day. To stop the alarm, press the “Right Function” or “End” keys. If you press key “Left Function”, it will repeat 5mins later. The alarm still works when the phone is switched off, press key “Right Function”, you will be asked whether to turn on. “Right Function” or “End” is the key to turn off the phone.

5.8 Profiles




You can personalise some specific profiles, such as ringing tone or ringing volume, and set one profile as default.

5.9 Settings



5.9.1 Phone settings

Display settings: You can adjust the back light, wallpaper, greeting note, language here.

 *Cautions: The language of content stored in the SIM Card won't be change if you select a different language.*

Security settings:

Power on PIN1: This will mean that the PIN1 code must be entered when the phone is switched on.

Change PIN2: Modify PIN2 code.

Phone code: The default code is 0000.

Time & Date: You can modify Time & date settings, Date display format, Time display format, Date separator. It may be necessary to reset the time and date if the battery is removed. In set home city, you can check the time of all famous cities in the world. Of course, you can set any cities it offers as local time. Pressing the "Up" and "Down" keys can check other cities time.

Keypad locking settings: This function stops the accidental pressing of the keys. The options are: Disable, 30 Seconds, 60 Seconds.

Power on/off tone: Enable the on/off tone.


Factory default: Resets some function parameters and records to the factory setting if you input the correct password.

5.9.2 Network settings


You can select your network manually or automatically based on your current location.

5.9.3 Call settings

Hide your own number: Hide number: Default setting, on, off.

 *Cautions: This function depends on network.*

Auto redial: Re-dials the last number up to 10 times.

 *Cautions: This function need to be supported by the network operator.*

Any key answer: Press any key to pick up the phone, except the "End" key and "Right Function".

Call waiting: The network will inform you about an incoming call when you are making a call after you activate this function.

Call forwarding: You can forward incoming call to another phone number.

Call barring: This function allows you to block certain calls. It needs a password when you want to enable it.



Cautions: Call waiting, Call forwarding, Call barring needs to be supported by your network operator.

5.9.4 Shortcut settings

You can define the function of navigation keys.

5.9.5 File manager

You can browse all the files and folders on your device. Also you can **add folder**, **rename**, **copy**, **cut**, **paste**, **delete**, **mark** the files or folders.

6. Appendix

◆ A: Text input

- 1> Press key “#” to switch “SMT”, “abc”, “Abc”, “ABC” text input.
- 2> “SMT” represents predictive text input. You can enter any letter with a single key press. Predictive text input is based on a built-in dictionary.
 1. Press key once for each letter. The word changes after each keystroke.

Example: To write “Hello” when the English dictionary is selected, press 43556
 2. Press navigation keys to switch other predictive words it offered.
 3. When you finish the word and it is correct, press 0 to confirm the word and add a space. Pressing the key “0/backspace” also moves the cursor.

3> Traditional text input: “abc”, “Abc”, and “ABC”

Press a number key repeatedly until the desired character appears. Not all characters available under a number key are printed on the key. The characters available depend on the language you selected. If the next letter you want is located on the same key, wait until the cursor appears, then enter the letter.



Tips: The most common punctuation marks and special characters are available with key “”.*

◆ B: Accessories

● Travelling charger

You can charge the battery by plugging traveling charger. It will inform you if the battery is full.

◆ C: Enhancement

● CARE AND MAINTENANCE

Your device should be treated with care. The suggestions below will help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get

- wet, remove the battery and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
 - Do not store the device in extreme hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
 - Do not store the device in extreme cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
 - Do not attempt to open the device other than as instructed in this guide.
 - Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
 - Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
 - Do not paint the device. Paint can clog the moving parts and prevent proper operation.
 - Use chargers indoors.
 - Always create a backup of data you want to keep (such as phonebook and calendar notes) before sending your device to a service facility.

All of the above suggestions apply equally to your device, battery, charger, or any enhancement. If any device is not working properly, take it to the nearest authorised service facility for service.

● **ADDITIONAL SAFETY INFORMATION**

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

■ **SAR INFORMATION**

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types VZ102 (FCC ID: ZE6VZ102) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 1.337 W/kg with 850MHz and 1.194 W/kg with 1900MHz and when properly worn on the body is 1.109 W/kg with 850MHz and 0.598 W/kg with 1900MHz. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

■ **Operating environment**

Remember to follow any special regulations in force in any area and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 1.5 cm away from the body. In order to transmit data files or messages, this device requires a good quality connection to the network. In some

cases, transmission of data files or messages may be delayed until such a connection is available. Ensure the above separation distance instructions are followed until the transmission is completed. Parts of the device are magnetic. Metallic materials may be attracted to the device, and persons with a hearing aid should not hold the device to the ear with the hearing aid. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

■ **Medical devices**

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15.3 cm (6 in) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should:

- Always keep the device more than 15.3 cm (6 in) from the pacemaker;
- Not carry the device in a breast pocket; and hold the device to the ear opposite to the pacemaker to minimise the potential for interference. If you suspect interference, switch off your device and move the device away.

Hearing aids

Some digital wireless devices may interfere with some hearing aids. If interference occurs, consult your service provider.

■ **Vehicles**

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, and electronic speed control systems, air bag systems. For more information, check with the manufacturer or its representative of your vehicle or any equipment that has been added. Only qualified personnel should service the device, or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

■ **Potentially explosive environments**

Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refueling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, chemical plants or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders.