

---

Thank you very much for choosing Amoi DF9, the irresistible fashionable and elegant color screen mobile phones, especially for younger. The DF9 is perfect integration of unparalleled contemporary design and consummate precise craftsmanship, bringing you easy communication, funny entertainment, as well as highlighting your tastes.

**Key features:**

- 65536-dual TFT color screen (main128x128 /sub 96x64 pixels)
- JAVA
- MMS
- Dictionary
- 64-polyphonic ringtone
- 7-color light indicator
- CCD camera
- Games, karaoke and nutrition analyse

**Specifications:**

- GSM 900/1800MHz
- HR, FR and EFR voice codec
- SMS, STK

*The manufacturer may, at any time and without notice, make changes or improvements to the products offered, but provide necessary corrigendum with this manual or release new version of this manual for the following lot. The Amoi logo and trademark are the property of the manufacturer. May 2003*

## TABLE OF CONTENTS

Safety precautions.....	6
<b>Getting Started.....</b>	<b>8</b>
Installing a SIM Card.....	8
Charging a Battery.....	11
Switching the Phone On/Off.....	14
Your Phones Mode.....	15
Key Description.....	16
Display.....	17
<b>Call Function.....</b>	<b>19</b>
Making Calls.....	19
Making a Call From PhoneBook.....	19
Last Number Redialing.....	19
Making an International Call.....	20
Receiving Calls.....	20
Missed Calls.....	21
Call Menu.....	22
<b>Phonebook.....</b>	<b>26</b>
Storing a Phone Number in PB.....	27
PB Menu.....	28
Smart-Dialing .....	28
View All.....	29
Name Search.....	29
Add.....	29
PhBook Manager.....	30

---

Information.....	31
<b>Call List.....</b>	<b>32</b>
Incoming.....	32
Missed Calls.....	32
Outgoing.....	32
<b>Entering Text.....</b>	<b>33</b>
Changing Text Input Mode.....	34
eZi Pinyin Mode.....	34
eZi Stroke Mode.....	34
eZi English Mode.....	34
ABC Mode.....	36
abc Mode.....	37
Numeric/123 Mode.....	37
Insert Symbol.....	37
Using User's Dictionary.....	38
Adding a Word to the Dictionary.....	38
Deleting a Word from the Dictionary.....	38
<b>Using Menus.....</b>	<b>39</b>
Accessing a Menu Function.....	39
List of Menu Functions.....	40
<b>Messages.....</b>	<b>41</b>
SMS .....	41
Voice Mail.....	44
Broadcast.....	44
Message set.....	45
<b>Data Service.....</b>	<b>45</b>
<b>Sound&amp;Display.....</b>	<b>46</b>

---

	<i>AMOI</i>	4
<b>Settings</b> .....	49	
Clock.....	49	
Mobile Setting.....	49	
Call Setting.....	50	
Network.....	53	
<b>Toolkit</b> .....	54	
<b>Personal Info</b> .....	59	
<b>Entertainment</b> .....	65	
<b>PreferenceInformation</b> .....	66	
Access Codes.....	99	
Using the Batteries.....	66	
Care and Maintenance.....	70	
Glossary.....	72	
TroubeShooting.....	77	

## SAFETY PRECAUTIONS



Read these brief guidelines. Failure to comply with them may be dangerous or illegal.



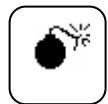
### Road safety comes first

Do not use a hand-held mobile phone while driving; park the vehicle first. Remember that in some countries, it is illegal to use a mobile phone while driving.



### Switch off on aircraft

Mobile phones can cause interference. Using them on aircraft is both illegal and dangerous. (Please also close the power-off alarm clock.)



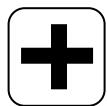
### Switch off near an explosion place

Do not use the phone near an explosion place, because it likely disturbs the remote control of the explosion.



### Switch off when refueling

Do not use the phone at a refueling point (service station) or near fuels or chemicals.

**Switch off in hospital**

Follow any regulations or rules. Switch phone off near medical equipment.

**Interference**

All wireless phones may be subject to radio interference, which may affect their performance.

**Accessories and batteries**

Use only approved accessories and batteries.

**Use sensibly**

Use only in the normal position (to ear). Do not touch the antenna unnecessarily when the phone is switched on.

## GETTING STARTED

You must insert the SIM card and charge the battery before you can use the phone.

### Installing a SIM Card

When you subscribe to a mobile network, you are provided with a plug-in SIM (Subscriber Identity Module) card loaded with your subscription details (PIN, Phone book information, and so on).

**Note:**

*The SIM card can be easily damaged by scratching or bending, so you should be careful when handling, inserting or removing the card. Follow the instructions supplied with the SIM card. Keep all SIM cards out of the reach of small children.*

1. Switch the phone off.
2. Remove the battery. To do so:
  - Pull the battery lock above the battery toward the top of the phone and hold it in the position.
  - Lift the battery away, as shown.



---

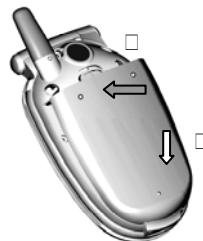
3. Slide the ivory lock in the SIM card holder as shown below to unlock the SIM card holder and lift it up.



4. Insert the SIM card ensuring that the cut corner is at the top right and the gold contacts of the card face into the phone.



5. Replace the card holder, and slide the ivory lock to lock the card holder.
6. Reinstall the battery. To do so:
  - Place the battery so that the tabs on it align to the notches at the bottom of the phone.



- Push the battery down until it clicks into place. Make sure that the battery is properly installed before switching on the phone.

---

## **Charging a Battery**

---

Your phone is powered by a rechargeable Li-ion battery. You are provided with a travel adapter when buying the phone. Use only approved batteries and chargers. Ask your local dealer for further details.

*Note:*

*You must fully charge the battery before using your phone for the first time. The phone can be used while the battery is charging.*

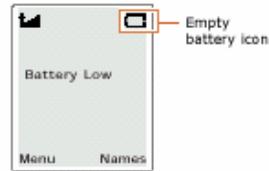
### **Charging the Battery with the Phone**

1. Place the battery on the back of the phone, connect the lead from the travel adapter to the connector at the bottom of the phone.
2. Connect the adapter to a standard AC wall outlet.
3. When charging is finished (the full battery icon becomes solid), disconnect the adapter from the AC wall outlet, then from the phone.

*Note: When disconnect the lead of the adapter from the phone, you should press the buttons on both sides of it, otherwise it's easily damaged.*

### **Low Battery Indicator**

When the battery charge level gets low, you can see an empty battery icon at the top right of the display and a text notification.



If the battery level gets too low, the phone will turn off automatically. Unfortunately, if this happens, you'll lose whatever you are doing, including dropping your call. Watch the battery strength icon and make sure your battery is adequately charged.

### Charging the Battery Alone

To charge the battery alone, use the desktop charger unit.

1. Insert the battery alone into the slot making sure that the terminals on the battery contact to the terminals on the charger.
2. Push down the battery until you hear a click.



3. Insert the lead of the travel adapter into the connector socket of the desktop charger.



4. Connect the adapter to a standard AC wall outlet.
5. The colour indication of the LED on the charger is as follows:
  - Red: charging
  - Green: fully charged
6. When charging is finished , unplug the power cord of the adapter from the AC outlet and remove the battery from the charger.

## **Switching the Phone On/Off**

1. Open the phone.
2. Press and hold the key  until switch the phone on.
3. Enter your PIN , if you have one for your SIM card.
4. Press the OK soft key, then your phone connects to the GSM network, and you'll see the following idle screens on the main and Sub LCD respectively.



*Note: If the phone is out of service, 'No Service' appears in the display.  
In this case, you cannot place and receive calls. Wait a little while for  
a better signal or move into an open area to regain the service.*

5. To switch the phone off, hold down the  key for more than two seconds.

### **WARNING!**

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

*Note: Do not touch the antenna on the phone unnecessarily when the  
phone is switched on. Contact with the antenna affects call quality  
and may cause the phone to operate at a higher power level than  
otherwise needed.*

## Your Phone's Mode

### **Standby Mode**

Standby is the most basic state of your phone. The phone goes into Standby mode soon after you turn it on, or whenever you briefly press the  $\text{①}\text{Key}$ . When your phone is in Standby mode, you will typically see the current date and time. If you enter a phone number, you can press the  $\text{②}\text{key}$  to dial it.

Press the  $\text{①}\text{②}\text{key}$  at any time to return to Standby mode. Be careful; if you are on a call when you press the  $\text{①}\text{②}\text{key}$ , you will return to Standby mode, and it also disconnects the call.

### **Talk Mode**

You can place and answer calls only when your phone is turned on. During a call, the phone is in Talk mode. While you are in Talk mode, pressing the left soft key gives you a list of Options referred to as "Call Menu."

## Keys Description

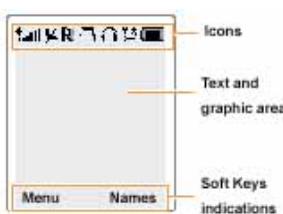
Key	Description
	Two soft keys perform the functions indicated by the text above them (in the bottom line of the display).
	In the menu facility, scroll through the menu Options and Phonebook memory. In Standby mode, the ▼ key to use phonebook , the ▲ key to view the call records and the ► key to use SMS (Short Message Service) feature.
	In the menu facility, confirms your selection or entry. Retrieves the input method list in editing model.
	Makes or answers a call. In Standby mode, recalls the last number dialed.
	Ends a call. Also switches the phone on and off when pressed and held. In the menu facility, returns to the Standby mode and cancels your input.
	Enter numbers, letters and some special characters.
	Use these keys for various special functions.
	(On the side of the phone) During a call, adjusts the voice volume.

*Tip: Hold the key \* for 2 seconds to alternate between silence mode and other mode.*

## Display

### Display Layout

The display comprises three areas.



Area	Description
First line	Displays various icons
Middle lines	Displays messages, instructions and any information that you enter
Last line	Shows the functions currently assigned to the two soft keys.

### Icons



**Signal strength:** Shows the received signal strength. The greater the number of bars, the better the signal strength.



**Email:** Appears when an email is received.



**MMS:** Appears when a MMS is received



**New Message:** Appears when a new message has been received; flash indicates that your message box is full.



**WAP security:** Indicates the WAP security level.



**Vibrate Mode:** Appears when the vibrate mode is active.



**Ring+Vibrate:** Indicate that your phone will ring and vibrate when a call is coming.



**Roaming:** Appears when you are out of your home area and have registered with a different network.



**Alarm:** Appears when the alarm is active.



**WAP Alert:** Appears when a wap alert message has been received



**Battery status:** Shows the level of battery.

### Backlight

The display and keypad are illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if no key is pressed within a given period of time.

### Seven-color Service Light

Seven-color lights can be found on folder of your phone. In standby mode, the GREEN colors lights flash slowly and seven colors lights flashes quickly when you have an call coming. The purple light flashes quickly to indicate that you have a missed call or messages not be checked; The red light shines when charging, and it turns green when charging is completed.

## CALL FUNCTIONS

### Making Calls

Before you can make or receive any calls, you must turn on the phone and be within range of a network.

1. In Standby mode, enter the phone number. (If you make a mistake while dialing, use **◀** or **▶** key to put the cursor to the right of the digit, press the right soft key to erase it; Press and hold to erase the entire number.)
2. Press the **📞** key to make the call.
3. When you finish the talk, press **📞** or close the phone to end the call.

### **Making a Call from the Phonebook**

See “enter the phonebook” on page 26 to search a desired number, and press the **📞** key to dial.

### **Last number redialing**

In standby mode, press **📞** once to access the list of the 20 numbers you last called; scroll to the number or name you want, and press **📞** to call the number.

**Making International Calls**

1. Press and hold the “0” key until a “+” sign appears in the display.
2. Enter the country code, area code, and phone number, then press the  key to begin dialing.

**Receiving Calls**

When a call comes in, the phone alerts you by ringing and/or vibrating; The screen displays an incoming call message. If you have subscribed to the Line Identification Service (contact your service provider), the caller's phone number is displayed; if you have saved the number in your phone book, the name is displayed.

**To answer a call**

-Press 

**To reject a call**

-Press 

## **Missed Calls**

When an incoming call is not answered, the Missed Call log is displayed on your screen.

-- To view the missed call immediately, press the left soft key, the number or the name is displayed, if available. Scroll through the missed calls, press  to call the number.

-- Press the Option soft key, you'll enter the missed calls menu. The following operations are available:

Call	To press OK soft key to call the number.
Detail	To view the details (name, number, time)
Add to Pb	To store the number to the phonebook.
Delete	To delete the number from the missed calls list.

*Tip: You can press the key at any time to exit the Missed Call menu.*

*Note: You can view the missed calls at any time.*

---

**Call Menu**

---

Many of the options you can use during a call if your network provide these services.

During a call, press **Option** soft key to enter **Call Menu**. The options change in different conversation circumstance.

The followings are the possible items.

**Mute**

You can switch microphone off and the caller can't hear you.

**Hold ( current call )**

You can hold the current call.

**Hold current call/Dial new number**

You can hold the current call and dial new number.

**Hold current call/ Answer new call**

You can hold the current call and answer a new call.

**Connect held call to conference call**

You can connect the held to a conference call.

**End the current call**

Select it to end the current call.

**End held call**

Select it to end the held call.

**End current call/ Answer new call**

You can end the current call and answer the new call.

**End current call/ Answer held call**

You can end the current call and answer the held call.

**End all calls**

Select it to end all the calls.

**Other Options in Call Menu**

You may also directly press the number-keys to choose the functions and press  to make it.

**Hold/ Switch**

The 'Hold' function can switch the current call to a held one and recover the previous call.

When there is a held call and a current call:

Press 0 +  to end the held call

Press 1 +  to end the current call and recover the held call.

Press 2 +  to switch the current call to a held one and switch the held one to the current call.

**Call Waiting**

If the network supports this function and you also set it active, the mobile will remind you when there's a new incoming call during one call.

### Call Hold

If the networks supports this function you can dial another number while you have a call in progress.

**Way 1:** (1) Input the required number or find the required number from telephone book and then press  to make the second call.

(2) The first call will be put on hold automatically.

**Way 2:** (1) Press  to hold the current call.

(2) Dial the second call. When the new call is connected, the previous one will be held automatically. These two calls can be switched freely. Please refer to Hold/ Switch function.

### Conference Call

Conference Call is a network service. It allows up to six people to take part simultaneously in a call.

- (1) Dial the first number.
- (2) Dial the second number and the first number is held automatically after the first is connected.
- (3) Press 3 +  to let the first number to participate in the conference.
- (4) Repeat Step 2 and 3 to add more numbers to participate in the conference.
- (5) Press  and 3 +  to allow the new number to participate in the conference, repeat the operation to have more numbers to the conference.

---

- (6) Press 1 + x +  to refuse one current number,  
repeat the operation to refuse more numbers (x  
means the number you choose to refuse ).
- (7) Press  to end the whole conference call.

## PHONEBOOK (NAMES)

---

You can store your phone numbers and the relative name in SIM card or in your phone memory. Phone memory can store 500 entries at the most; in every entry including a name, three phone numbers, one email addresses, one memo and one member group selection, one member ringtone selection, one member picture and LED color selection. The quantities of the entries, which SIM can store, depend on the type of SIM; for every entry including a name and a number.

**Phone Number:** 20 digits at the most; For SIM, it depends on the type of SIM.

**Name:** 16 characters at the most; For SIM, it depends on the type of SIM.

*Tip: If you change phones, any numbers stored in your SIM card are available with the new phone.*

### **Storing a Phone Number in PB**

---

1. Key in the number to be stored.
2. Press the Store soft key.
3. Select Local PB or SIM PB then press OK soft key.

**Add to Local :**

- (1) Select name and press left soft key to enter then input name and press left soft key to complete.
- (2) Enter three phone numbers by sequence (after input the first number, press Next soft key and then enter the second and the third number).
- (3) Enter email address, and memo separately (the same method as step 2).
- (4) Select member group to sort your Local PB.
- (5) Select personal alert ringtone, personal picture and LED color .
- (5) Press  key to store all your input.

**Add to SIM:**

- (1) Select name and press left soft key to enter then input name and press left soft key to complete.
- (2) Select number and press left soft key to enter then key in the numbers, press Store soft key.
- (3) Press  key to store all your input.

There are three ways to enter phone number in standby mode:

- ✧ Press right soft key.
- ✧ Enter the serial number.
- ✧ Enter the associated alphanumeric keys then press \*. For example, enter 866\* to search the name of Tom.  
For a Chinese name, enter the first letter of every character (for example: enter 52\* to search the name 李白 (LiBai) ).

## **PB Menu**

---

In the PB (PhoneBook) Menu, the following operations are available:

### **Smart Dial**

This Option allows you to find an entry quickly in your PB.

1. When Smart Dial is highlighted, press Ok soft key to enter.
2. Input the correspondent numerical key of the desired name
3. Press OK soft key. Scroll to your desired entry.
4. Press  to dial it or press Select soft key to enter "Select operation" to display the following Options:

**Edit:** Edit the details in the PB of the selected entry.

**Search:** Key in the name then press OK soft key to search another desired entry.

**Copy:** Allows you to copy the selected entry from the phone memory to the SIM memory and vice versa.

**Delete:** Press the OK key and phone will display "Delete?"  
Select "Yes" to delete this entry. Select "No" to reserve this entry.

**Call:** Press the OK key to dial this number.

**Write SMS:** See Messages Menu.

**Send Telnr:** Send all the numbers in this entry to the appointed number.

**View all**

---

This Option allows you to find a Phonebook entry by searching from the list of all entries sorted by name.

- (1) Press the ▲ or ▼ key until you find the desired entry from the list.
- (2) Press the  key to dial the number or press the OK soft key for more details.

### Name Search

Enter the character(s) of the desired name by pressing the associated alphanumeric key(s) and press the Search soft key to see the details in your phonebook.

### Member Group

This Option allows you to sort your Phonebook .

- (1) Press OK soft key to enter and you will see different groups.
- (2) Select you desired group and press OK soft key to display the following Options:

**Group List:** shows you all the items in this group.

**Add From Pb :** Allows you to add new items to this group from phonebook.

**Alert ringtone:** Allows you to set ringtone of this group

**Picture:** Allows you to set bitmap of this group

**LED:** Allows you to set light color of this group

**Change Name:** Allows you to change the name of this group

### Add

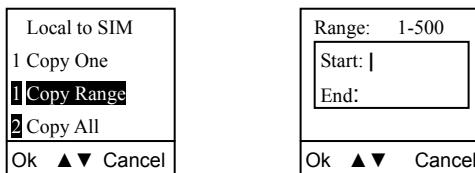
When Add contact is highlighted, press OK soft key. Choose the Local PB or SIM PB.

*Note: If the input position already exists, the phone will display "Message Full".*

### PhBook Manager

**Copy** ( Take “Local to SIM” for example)

- (1)Copy one: Press ▲ or ▼ to view the phone number one by one and press left soft key to copy the desired one.
- (2)Copy All: Copy all the numbers stored in phone to SIM card.
- (3)Copy range: Input the start number and the end number, then press OK soft key to copy these entries you want to SIM card.  
(view the following picture)



*Note: If the entry already exists in target PB, the entry will not be copied.*

*If the space of target PB is not enough for copy, only the front phone numbers will be copied until the target PB is full.*

*If the name length of target PB is less than that of original PB, the exceeded part will lost.*

#### **Delete**

Just same as Copy, you can delete One, All and the specify Range.

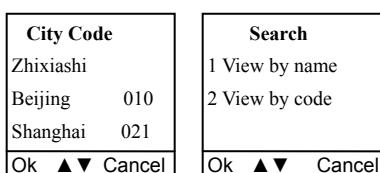
#### **Check Capacity**

Check the total capacity and the amount of used entries of PB of SIM card and Local.

#### **Information**

##### **City code**

Select this function, the following content is displayed:



Press **▲** and **▼** to choose one city; press **◀** or **▶** to choose the province . And press Select soft key to search according to a city name

---

or a code number.

**Country/Area Code**

Refer to City Code.

**Own Number**

Store the SIM card number of local phone for reference.

## **CALL LIST**

In Standby mode, press the **◀** key to view the call list.

With this function, the phone can record automatically 20 missed, received and dialed phone numbers respectively. The number and the name (if available) are given together with the date and time when the call is made.

**Incoming**

**Missed Call**

**Outgoing**

For the above three kinds of calls, you can carry on the following operations:

1. Scroll to one of these three items and press Select soft key, the calls list will be displayed.
2. Press **▲▼**key to select the desired number.
3. press  to dial it; Or press Options soft key to the following operations: **Call, Detail, Move to Pb, Delete**

## ENTERING TEXT

When storing a name in the phonebook, creating your personal greetings or scheduling events in your calendar, you will need to enter text.

You are provided with the following text input modes.

- Pinyin
- Stroke
- English
- ABC/abc
- 123 / Numeric
- Symbol

### Changing Text Inputting Mode

When in a text entry screen, press  to change Text Input Mode or press the @ key to select one mode. You will see the text input mode indicator in the top line of the display:

---

- Pinyin > eZi Pinyin mode
- Stroke > eZi Stroke mode
- eng > eZi English mode
- ABC > ABC mode
- abc > abc mode
- 123 > Numeric mode

*Note: The current input method will be the same as the one you last used before you quite the input mode.*

### **eZi Pinyin Mode**

---

With the pinyin input method, you can enter Chinese characters by keying in the pinyin string from the phone keypad.

In this manual for English-spoken users only, the details on how to use this text input method are omitted accordingly.

If you want to know how to use the pinyin input method, please contact your dealer.

### **eZi Stroke Mode**

---

This mode allows you to enter individual Chinese strokes, in written order - from top to bottom, and from left to right. Even though there are many different strokes used to create Chinese characters, the strokes are classified into 5 basic categories; heng, shu, pie, dian and zhe.

In this manual for English-spoken users only, the details on how to use this text input method are omitted accordingly.  
If you want to know how to use the stroke input method, please contact your dealer.

### **eZi English Mode**

This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter – when you press once, J, K or L may be displayed. The English mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the ABC mode.

For example: to enter 'hello', press the following keystrokes: 4, 3, 5, 5, 6.

If the word that appears in the display is not the word that you desire, press the ► or ◀ key to display alternate word choices for the keys you have typed. (For example, 'of' and 'me' both share the sequence 6, 3) The phone displays the most commonly used choice first.

### **ABC Mode**

This mode allows you to enter letters by pressing the key labeled with the required letter once, twice, three or four times until the letter is displayed.

For example, you press the 2 key three times quickly to display the character "C", the 5 key two times quickly to display the character "L".

*Note: 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.*

List of characters available:

Key	Characters in the Order Displayed								
1	-	!	'	,	-	?	@	1	-
2	A	B	C	2					
3	D	E	F	3					
4	G	H	I	4					
5	J	K	L	5					
6	M	N	O	6					
7	P	Q	R	S	7				
8	T	U	V	8					
9	W	X	Y	Z	9				
Space	0								

(Caps Lock mode)

### abc Mode

The same as ABC Mode

*Note: pressing the ► key without completing a word by the 0 key displays*

---

*the alternative word.*

## **Numeric/123 Mode**

Numeric or 123 indicate numeric mode. It enables you to enter numbers into a text message. Press keys corresponding to the desired digits, and manually switch back to the text entry mode of choice.

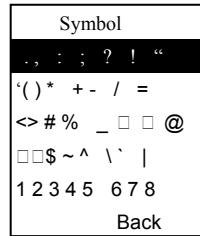
## **Insert Symbol**

---

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

To enter a symbol,

1. Press the @ key in the text entry mode.
2. Press the ▲ or ▼ key to select the column which including the symbol mark you want to use.
3. Press the corresponding numeric key to insert the desired symbol mark.



Then, the phone automatically switches back to the text entry mode used just prior to selecting Symbols mode.

*Tip: The alternate method to enter a common symbol is pressing the 1 key one or more times in the text entry mode.*

## **Using User's Dictionary**

---

While entering a SMS message, you can use your own dictionary which allows you to add a new word-and then the word has a high priority in eZi English mode.

### **Adding a Word to the Dictionary**

1. In the text entry mode, press the @ key.
2. Press the ▲ or ▼ key to scroll to Dictionary and press the OK soft key.
3. Select New and input the word you want to add, then press the Options soft key.
4. Press the ▲ or ▼ key to scroll to Add to UPD and press the OK soft key to add the word.

Now, the added word becomes the first candidate for the associated keypress. You can check the added words on the List Dictionary menu.

### **Deleting the Words from the Dictionary**

---

1. In the screen of eZi text mode, press OK soft key.
2. Use the ▲ or ▼ key to scroll to List Dictionary and press OK soft key. You can see the list of the words you have added.
3. Use the ▲ or ▼ key to find the word you want to delete, and press the Options soft key.
4. Press the ▼ key to scroll to Del from UPD then OK soft key to delete the selected word.

## USING MENUS

The phone offers a range of functions that allows you to tailor the phone to your needs. These functions are arranged in menus and submenus.

### Accessing a menu function

#### By scrolling

1. In Standby mode, press Menu soft key.
2. Scroll with ▲ or ▼ through the menu and select, for example, Settings by pressing Select soft key.
3. If the menu contains submenus, select the one you want, for example Call settings.
4. If the selected submenu contains further submenus, repeat step 3.
5. Select the setting of your choice.
6. Press Cancel key to return to the previous menu level, and  key to exit the menu without changing the menu

---

settings.

#### By shortcut

The menus, submenus and setting options are numbered and you can access them by using their shortcut number.

1. In Standby mode, press the Menu soft key.
2. Within three seconds, key the index number of the menu function you want to access.

Example: Setting the **Clock** function

Press the Menu soft key, and key in **4, 1**.

*Notes:*

*The numbers assigned to each menu function are indicated on the list on page xx. They may not match the menu number on the phone. It depends on the services supported by the SIM. For example, the STK menu will locate the first main menu and all the other menu functions backspace.*

#### List of Menu Functions

1. Messages
2. Data service
3. Sound&Display
4. Settings
5. Toolkit
6. Personal info
7. Entertainment
8. Multimedia
9. Camera

---

10. Information

11. STK

## 1. MESSAGES

### 1-1. SMS

The SMS (Short Message Service) function is network service and may not be supported by your network. You must obtain the number of the SMS center from your service provider. Mostly it is automatically available from your SIM.

Two message boxes are available: Personal SM and Broadcasting SM.

**Personal SM:** It is the message which the mobile users uses to transmit information.

**Broadcast SM:** If you select this option, you can receive public information from Network Operators such as Weather Broadcasting and so on.

**SM Indicator:** When you receive a new message,



will appear in the screen. If the message memory is full,



is flicker and you cannot receive any new messages. Use the 'Delete' menu to delete obsolete messages.

*Note: In standby mode, press ▶, or after entering Main menu to select SMS, both can enter Message option.*

### 1-1-1. Inbox

Inbox stores the messages that you have received, the one with '\*' is new message.

- Press **▲ ▼** key to choose the desired message.
- Press **Ok** soft key to view details of message.
- Press '**Option**' left soft key and you can operate as follows:

**Reply:** reply to the sender. You can write a piece of new message and then choose '**Send**', '**Store & Send**', '**Store**' or '**Mul Send**'

**Forward:** send the received message to others. You can edit the message and then choose '**Send**', '**Store & Send**', '**Store**' or '**Mul Send**'

**Extract Number:** you can extract numbers from this message.

**Delete:** Delete this message.

### 1-1-2. Outbox

Outbox stores the messages that you have already sent or unsent. The letter with '\*' is unsent message.

- Press **▲ ▼** key to choose the desired message.
- Press **Ok** soft key to view details of message.
- Press '**Option**' soft key and you can operate as follows:

**Write:** You can write a piece of new message or edit the message and then choose '**Send**', '**Store & Send**', '**Store**' or '**Mul Send**' to do with the Message.

**Extract Number:** you can extract numbers from this message.

**Delete:** Delete this message.

**1-1-3. Write**

The text message can be made up of 160 characters at the most. After inputting the text message, press Ok soft key and you have the following options:

**Send:** send the message.

**Send & Store:** Allow you to save and send the message. Even if you fail sending, it can be stored in outbox.

**Store:** Allows you to save the message so that it can be send later.

**Mul Send:** Allow you to send the message to multi receivers. You can send the message to less than 5 phone numbers.

Finally, press **Ok** soft key. The number you last send message is displayed,

To...	Then...
Send this message to this number	Press OK soft key
Input a new number	Hold Delete soft key to erase then input new number
Search a number from PB	Hold Delete soft key to erase then press Search soft key

**1-1-4. Delete**

You can delete the messages in Inbox or Outbox.

---

For example: Press 'Select' left soft key to select 'Inbox', You can delete all messages in the inbox.

### 1-3. Voice Mail

This menu provides you with a quick way of accessing your voice mail (if provided by your network):

**Voice mail:** Allow you to input the mailbox number obtained from your service provider.

**Call V-mail:** press the 'Send' soft key to listen to your messages.

### 1-4. Broadcast

You can receive broadcast messages with various contents via this network service, such as weather or traffic.

**Read:** You can view the up to date broadcast message .

**Auto display:** If you set this function 'on', messages are displayed immediately when they are received.

**Filter:** Help you choose the channels you like from which you can receive broadcast messages.

**Language:** Help you select the language you prefer in which the broadcast message displays.

*Note:*

*Language support depends on the Network operator.*

### 1-6. Free Count

You can select the menu to check total space and space available.

### 1-7. Message Set

---

**1-7-1. SMS**

**Auto display:** Select this function and select 'On'. When you receive a new message, it can display automatically. You can select 'off' to cancel this function.

**SMS Center:** Allow you to store or change the number of your SMS center while sending messages. You can obtain this number from your service provider.

**Status report:** You can select 'On' to require the SMS center to inform whether your message has been sent or not.

## 2. DATA SERVICE

## 3.SOUND&DISPLAY

### 3-1. Music select

You can select the music styles of your phone's ringing and set the different profiles.

#### 3-1-1. Incoming music.

There are also 26 kinds of rings for you to choose :  
Press **▲▼**key to scroll then **Ok** soft key to select.

#### 3-1-2.SMS Music.

There are 6 kinds of rings for you to choose ;

#### 3-1-3. AlarmClock Music.

There are 26 kinds of rings for you to choose ;

#### 3-1-4. Log Music.

There are 26 kinds of rings for you to choose ;

#### 3-1-5. Start Up Music.

There are 26 kinds of rings for you to choose ;

### 3-2. Ring Type

You can select Music alert , Vibration, Music&vibrator,or No notify

---

when there is an incoming call. Scroll to the option you want, press 'Ok' soft key to confirm.

### **3-3. Ring Volume**

You can adjust the volume of ring. Press **▲**key to increase volume and **▼** key to decrease .

### **3-4.standby interface**

Using this menu, you can customize the various settings for the display screen.

#### **. Staby Setting**

The phone offers you several types of display for the standby mode.

**Picture:** Press the **◀** or **▶** key to preview the pictures; press OK soft key to choose one.

**Animation:**select an animation style

**Text:** Displays your own greetings. Create your own message up to 19 characters.

### **3-5. Power OnOff**

#### **3-5-1.Power On Display**

You can select what will be displayed when the phone is switched on. Choose between Animation and Text.(See Power Off on the last page)

### 3-5-2. Power Off Display

You can select what will be displayed when the phone is switched off.  
Choose between Animation and Text.

**Animation:** Press OK soft key to save your choice .

**Text:** Displays your own greetings. Create your own message up to 19 characters.

## 4. SETTINGS

Many different features of your phone can be customized for your preferences.

### 4-1. Set time

This function allows you to change the current time and date displayed in standby state.

The following functions are available.

**Set time:** Enter the time according to the preset Format.

**Set date:** Enter the day, month and year according to the preset Format.

**Format time:** Choose between 24 hours mode and 12 hours mode.

**Format date:** Select the day format:

- dd/mm/yy
- mm/dd/yy
- yy/mm/dd

### 4-2. Mobile Setting

#### 4-2-1. Auto On/Off

The phone will switch on or off at the preset time.

**Enable:** Enable the automatic power on/off of the phone.

**Set time:** Enter the time when you want your phone to switch on/off.

4-2-2. Backlight level

4-2-3. Language:

---

- ❖ Chinese: All the menus and information is displayed in Chinese.
- ❖ English: All the menus and information is displayed in English.

*Note: You can change it at the stand-by state by press “\*99#”.*

#### 4-2-4. Reset Settings

You can reset some settings to factory set. You need enter PCK number.

### 4-3. Call setting

**4-3-1. Incoming Filter:** With this operation, you can put numbers into Reject Number that will never get through your phone; and put numbers into Accept Number so that the others can't get through your phone.

**Reject List:** The rejected numbers are listed and you can get the prompt information in the standby mode.

**Reject Number:** Enter the numbers that you want to reject.

#### 4-3-2. Divert

This network service enables the incoming calls to be transferred to the number that you specify. For example: You maybe hope to transfer your business calls to a colleague while you are on holiday.

**Not reachable:** Calls are transferred if you are not in an area covered by your service provider.

**If no reply:** Calls are transferred if you do not answer the call.

**All calls:** All calls are transferred.

**If busy:** Calls are transferred if you are already making another call.

**Status:** You can inquire the network about the current status of Call Transfer function.

**Cancel all:** All Call Transfer functions are cancelled.

Select one item to divert your phone, you should:

- 1.Scroll to the desired item then press OK soft key.
- 2.Select 'Divert On' and press OK soft key (If you want to cancel this operation, select 'Divert Off')
- 3.Input the number you want to divert to, press OK soft key.
- 4.'after15 sed' is displayed, press Ok.
- 5.The info is displayed to indicate if you've succeeded this execution or not.

**4-3-3. Call Wait:** The phone supported the function of 'call wait' and 'call hold' of GSM net. If you select this function, the network will tell you there is a new call come in during another call. You can receive

the new call by hold the present call.

**Active:** The Call-Wait Tone will be heard when there is another new call coming during one call. If it's a domestic fixed phone, its city name will be displayed, otherwise 'Incoming' will be displayed.

**Off:** Select it this function will be canceled.

**Status:** Select it the status of this network function will be displayed: 'Active' or 'Off'.

**4-3-4. Answer Mode:** There are three methods to answer a call.

**Call Key Answer:** Press  to answer a call.

**Open Answer:** Open the phone to answer a call.

**Auto Answer:** If you insert Car Kit, the phone can automatically answer after 5 seconds. Before the auto answer, you can also press  to answer it.



**4-3-5. Present Number:** This function must be supported by network.

**Net set:** Your phone number will be hidden or displayed according to the network when making a call

**On:** Your phone number will be displayed to receiver.

**Off:** Your phone number will be hidden and unknown to receiver.

#### 4-4. Set Network

When you use the phone, the phone will auto select the Internet service. When the phone is beyond the service area or in abroad, you can select the appropriate Internet manually.

**4-4-1. Sel Method:** Switch between these two modes.

- . Manual searching
- . Auto searching

**4-4-2. New Search:**

To select this item, the LCD will display " searching .....". After you get it, the GSM will auto display the found network. If there are two available networks, you can use the **▲** or **▼** to select. Those with the mark "\*" is forbid to use.

**4-4-3. Sel Sequence:**

This item allows you to list out the Internet you can use when your GSM in the roaming. If the listed network can be used, your phone will select the network from the prior list. Three operations are available.

. **Move:** To press the key **▲** or **▼** to shift it to your desired place.

. **Add:** You can add the new Internet. Input the country code and the Internet code then press the "confirm" button.

. **Delete:** You can cancel the chosen network.

**4-4-4. Band selection:**

There are three types of band American, European and Automatic.

You can select one of them.

## 5.TOOTKIT

### 5-1. Alarm Clock

There are three alarm clocks to be used. For every alarm, you can make the following operations:

**Set Time:** Set the time and press Setting soft key to select On to confirm .

**Alarm Type:** There are three modes.

1. Everyday: The alarm works at the set time every day.
2. Workday: The alarm works at the set time from Monday to Friday.
3. Defineself: You can choose one or several days of one week for the alarm to work.

**Note:**

*The alarm works at the set time, press any key except  and  to stop it; if not, it continues to alarm for one minute.*

*When power off, the alarm still work.*

### 5-2. Voice Memo

With your phone, you can record up to 2 voice memos (including recording conversation) of 30 seconds in length.

*Notes: 1. Recording voice conversations is illegal in some countries.*

*Make sure the other party has stated its consent to being recorded.*

*2. Hold down @ key to record a conversation during a call.*

#### 5-2-1. Record

1. Scroll to Record, press **OK** soft key.
2. Record the voice memo by speaking into the microphone.

**Note:**

*When recording, press Pause soft key to have a pause then Record key to continue;  
A timer displays to show you the elapsed time. When recording time expires, the phone will automatically save the memo already recorded by that time.*

3. When recording is completed, press **End** soft key.

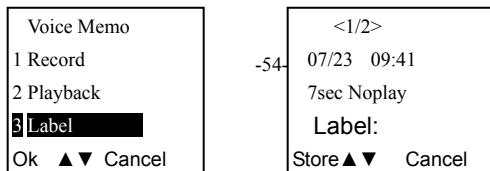
### 5-2-2.Playback

1. Scroll to Playback, press **OK** soft key and then Play soft key, the latest memo displays.
2. Press the **▲** or **▼** key to scroll to the desired memo and press **Ok** soft key to play it back.

*Note: While playback, press the End soft key to stop playing and exit the playback mode.*

### 5-2-3.Label

You can make a label for your voice memo by this operation.



**5-2-4.Delete One**

Use the ▲ or ▼ key to select the one you want to delete, press Erase soft key to delete it.

**5-2-5.Delete All**

1. Press the ▲ or ▼ key to select Delete All, and press OK soft key .
2. When a confirming message appears (Delete all memos?), press Yes soft key to delete all memos or No soft key to cancel deleting.

**5-4. World Time**

The display shows:

- City name
- Current date and time according to the time format setting (12/24 Hours)

To...

Then...

---

Select the time zone	Press <b>◀</b> or <b>▶</b>
Select the city in the same time zone.	Press <b>▲</b> or <b>▼</b>
Make some settings (Set as local, Enable PS, Disable PS)	Press Ok soft key, Scroll to desired one

### 5-5. Calculator

Using this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication and division.

#### Performing a Calculation

1. Enter the first number using the numeric keys.
2. Press **▲** **▼** **◀** **▶** to set the operator for your calculation referring to the screen: + (add), - (subtract), x (multiply), / (divide).
3. Enter the second number.
4. To calculate the result, press the OK soft key.
5. Repeat steps 1 to 4 as many times as required.

Each time you change the operator without pressing OK soft key, the previous calculation is performed and the result is displayed as the top number in the display.

---

*Notes:* • To erase any mistakes and clear the display, press the **Clear** soft key. You can reset the calculator by pressing the **Reset** soft key.

- Use the **OK** or **\*** key to enter a decimal point and the **#** key to change the sign of a number to a negative (-).

## 5-6. Unit Convert

This menu allows you to convert some value with the required unit.

After select the desired language, to use the unit converter, do as follows:

1. Press the **▲** or **▼** key to scroll to the desired category; **Length**, **Weight**, **Volumes**, and **Surface**.
2. Press **OK** soft key.
3. If necessary, press the **▲** or **▼** key to move to the current unit area and select the current unit by pressing the **◀** or **▶** key.
4. Press the **▲** or **▼** key to move to the value area and enter the number of the current value.
5. Press the **▲** or **▼** key and select the unit you want to convert the value with by pressing the **◀** or **▶** key.
6. The converted value will be automatically displayed below the unit area.

To reset the converter, press the **Reset** soft key.

## 6.PERSONAL INFO

This menu allows you to maintain various private information and activate the password to keep the phone from being used by unauthorized persons.

### 6-1. Call Info

This menu allows you to view the timers for calls made and received.

The following timers are available:

**Incoming Call**

**Missed Calls**

**Outgoing Call**

The operations of the above three items you can see page 39.

**Last Call:** You can see the duration of the last call.

**Total Calls:** You can see the duration of your total calls (incoming and outgoing).

For these two items, press the Reset soft key to reset the call timer as zero or Cancel key to exit.

### Charge Info

**Total Charge:** The total calls fee will be displayed and it also can be reset to zero with the Reset soft key. You must input PIN2 code when select Reset.

**Max Charge:** Input a sum as max charge that can be used for making calls. When your call charge exceeds this limit,

no more calls (except free calls) unless you reset the sum.

You must input PIN2 code when make modification.

**Unit Price:** You can inquirer and modify the unit price through this function. Input PIN2 code when make modification.

## 6-2. Security info

### 6-2-1. Check PIN:

Press the "Select" left soft key to enter this function.

1. To select the "On".
2. Input the PIN code and start up the function of PIN check by press Ok left soft key.

*Note: If you have started up the function of the PIN check function, you have to input the PIN code every time when you switch on your mobile phone. If you input the wrong number for three times in succession, the SIM card will be locked.*

3. Select "Off" to cancel this function.

### 6-2-2. SIM lock:

If enable, only the current SIM card is valid. When change another SIM, the mobile request phone code.

### 6-2-4 Password Management

#### 6-2-4-1. Change PCK:

1. To press select left soft key and input the old password, then press the "Ok".

---

2. Input the new password and press Ok left soft key.
3. Reininput the new phone password and press the Ok left soft key.
4. The screen indicate " phone password changed".

#### **6-2-4-2. PIN1 Change :**

To select the " PIN Change" by the navigation key **▲ or ▼**.

1. Press the " select" soft key.
2. Input the old PIN code and press the " Ok" key.
3. Input the new PIN code (four to eight digit) and press the "Ok" left soft key.
4. Reininput the new PIN code and press the "Ok" left soft key.
5. LCD indicate "PIN CHANGED".

*Note: Only first start up the PIN code can alter the PIN code.*

#### **6-2-4-3. PIN2 Change:**

The process is the same as "PIN Changed"

PIN code is provided with SIM card, which is used to some special service such as "call charge" function etc. If you want to know whether your SIM card can support these functions, please contact with the network service.

#### **6-2-5. Bar calls**

The calling limitation function can help you to limit the incoming and outgoing calls but this service may not be available on all networks.

The following operations are available:

---

- . **All out:** To select this item, the phone will be restricted to dial any calls (except the urgent calls)
- . **Out int:** To select this item, the phone will be restricted dialing the international calls.
- . **Out x home:** To select this item, the phone will restrict dialing the international calls except to your home country.
- . **ALL in:** To select this item, it will restrict all incoming calls.
- In if abr:** To select this item, it will restrict all incoming calls when roaming.
- . **Status:** To select this item, you can query the present state.
- . **Cancel all:** To select this item, the phone will allow dialing and answering all the calls.

*Note: You need to input the PIN2 code to set above functions.*

### **6-3. Log Manager**

When you enter this menu, a calendar is displayed with the current date indicated by a point.

#### **Scrolling through the Calendar**

- 1. You can move the underscore to Year, Month and Day fields by pressing **◀** or **▶**.
- 2. When the desired field is underlined, press the **▲** or **▼** to move up or down the date.

You can also enter the desired date using the number keypad.

---

*Note: In Chinese mode, you can see the associated date of lunar calendar on the bottom line of the display.*

#### Enter the Log Manager Menu

Highlight a desired date in calendar, press OK. The following operations are available in this section.

##### 1. Log Set

To create a new log, you should :

(1) Select one type of schedule:

- **Log Label:** Make a note of general schedule, i.e. appointments or meetings.

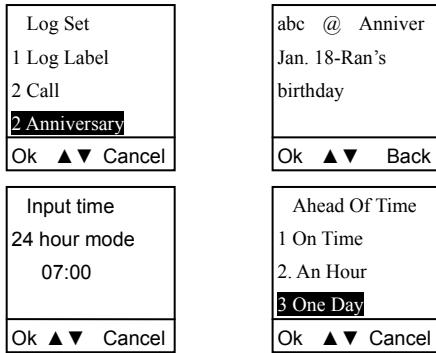
- **Call:** Schedule a call.

- **Anniversary:** Select to make note of anniversaries.

(2) Enter a subject of your schedule up to 25 characters and press the OK soft key. If you are scheduling a call, enter a phone number.

(3) Select the date and time when the scheduler alarms you the scheduled event.

*Note: At the specified time on the scheduled day, the alarm will sound and the note will display. If you schedule a call, the phone will dial automatically.*



For example: Make the settings as the above diagrams show, the phone will reminds you that Jan 18 is Ran's birthday at 7:00 on Jan 17.

## 2. Log view

(1) View the schedules you've set, press **▲** or **▼** to scroll through these notes.

(2) Select desired one, press Option soft key.

**Modify:** Make some modifications to this note.

**Log Delete:** Delete this note.

3. **Alarm Ring:** Select the type of alarm ringing.

4. **Log Delete:** Delete the schedules.

- One By One
- All
- Expired

## 7.ENTERTAINMENT

### 7-1.Games

### 7-2.Karaoke

You can enjoy some music with words and flash animation through this music player. There're five songs stored in this player. Press **◀** or **▶** to scroll to your desired song.

<u>To...</u>	<u>Then press...</u>
Play the song	Ok soft key
Repeat	Left soft key
Advance or back	<b>◀</b> or <b>▶</b>
Adjust the music scale	<b>▲</b> or <b>▼</b>
Exit	Right soft key

### 7-3.E-Book

## REFERENCE INFORMATION

### **Access Codes**

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

#### **Phone Password**

The security code can be used to avoid unauthorized use of your phone. The security code 0000 is usually supplied with the phone.

Change the security code before you start using your phone. Keep the new code secret and in a safe place, which is separate from the phone.

#### **PIN Code**

The 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 an incorrect PIN code three times in succession, the SIM card will be locked. To unlock the SIM card, you'd key in the PUK code and press the **OK** soft key, and key in a new PIN code twice.

---

**PIN2 code**

The PIN2 code, supplied with some SIM cards, is required to access some functions, such as charging unit counters. These functions are only available if supported by your SIM card.

If you key in an incorrect PIN2 code three times in succession, the PIN2 will be locked. To unlock the PIN2, you'd key in the PUK2 code and press the **OK** soft key (or **OK** key), and key in a new PIN2 code twice.

**PUK code**

The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK code may be supplied with the SIM card. If not, contact your local service provider for the code.

If you key in an incorrect PUK code ten times in succession, the SIM card cannot be used anymore. Contact your service provider for a new card.

You cannot change the PUK code. If you lose the code, contact your service provider.

**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.

### **Using the Batteries**

---

A rechargeable Li-ion standard battery powers your phone. The following batteries are also available (ask your local dealer for further details):

Type	Capacity	Talk Time	Standby Time
Li-ion Slim	650mAh	2~3hrs	60~100hrs
Li-ion Slim	860mAh	2~4hrs	70~120hrs

### 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's 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 and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only 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 lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C.
- Do not short-circuit the battery. 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. Short-circuiting 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.

## **Care and Maintenance**

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

---

many years. When using your phone, battery, charger, or any accessory:

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

---

- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.
- 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.
- This phone features large inner & outer display screens, which are damageable. Please be most careful to avoid dropping or knocking it or scratch it with a sharp thing.

## GLOSSARY

### **Antenna**

A device for transmitting or receiving signals. The size and shape of antennas is determined, in part, by the frequency of the signal they

---

receive. Wireless phones and the base station must have antennas.

### **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 Diverting**

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.

## **Conference Calling**

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

## **DTMF (Dual-Tone Modulated 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 LED lights on the phone to indicate an incoming call. The lights on the charger indicate that battery charging is taking place.

**Line Identification Services**

Service allowing subscribers to view or block the telephone numbers of callers.

**PIN (Personal Identification Number)**

Security code that protects the phone against unauthorised use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

**PUK (PIN Unlocking 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)**

Card containing a chip with all the information required to operate the phone (network and memory information, as well as the subscriber's personal data). The SIM card fits into a small slot on the back of the phone and is protected by the battery.

### **SMS (Short Message Service)**

Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent. The message created or received (up to 160 characters long) can be displayed, received, edited or sent.

### **Soft Keys**

Keys marked **•** and **o** on the phone, the purpose of which:

- 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**

Computerized answering service that automatically answers your calls when you are not available, plays a greeting (Optionally in your own

voice) or records a message.

## TROUBLESHOOTING

If the phone does not work properly, please check the following troubleshooting and find a solution. If you can't solve the problems, please contact your local dealer for helps.

Question	Solution
Cannot make or receive calls.	<ul style="list-style-type: none"><li><input type="checkbox"/> Check whether the phone is power on or not.</li><li><input type="checkbox"/> Check whether the battery is lack of power.</li><li><input type="checkbox"/> Check whether the field signal strength is enough.</li><li><input type="checkbox"/> Check whether to set up the Call Barring, SDN or the other options in Call Set menu.</li><li><input type="checkbox"/> Check whether to set up the Call Divert.</li><li><input type="checkbox"/> Check whether to place the SIM card properly.</li></ul>
Conversation volume is low.	<ul style="list-style-type: none"><li><input type="checkbox"/> Check whether to set the Voice Volume too low.</li></ul>
Does not ring when an incoming calls comes in.	<ul style="list-style-type: none"><li><input type="checkbox"/> Check whether to select the Silent or Vibrator modes.</li><li><input type="checkbox"/> Check whether the ring volume is set too low.</li><li><input type="checkbox"/> Check whether the surrounding noise is too loud.</li><li><input type="checkbox"/> Check whether to set up the Call Divert.</li></ul>
	<ul style="list-style-type: none"><li><input type="checkbox"/></li></ul>
	<ul style="list-style-type: none"><li><input type="checkbox"/></li></ul>
The other part cannot hear you.	<ul style="list-style-type: none"><li><input type="checkbox"/> Check whether to select Mute.</li><li><input type="checkbox"/> Speak near the MIC.</li></ul>

“For body worn operation this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the headset a minimum of 1.5cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.”