

## Discover Your Phone



(1) Navigation keys will be represented in the manual by the following signs: ▲, ▼, ◀ or ▶.

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### How to ...

Switch the phone On/Off	Press and hold  .
Store Numbers in Phonebook	Enter the phone number and press  to save.
Make a call	Enter the phone number with the keypad and press  to dial.
Answer a call	Press  when your phone rings.
End a call	Press  .

Adjust conversion volume	Press ▲ or ▼ during a call.
Access the main menu	Press  Menu in idle mode.
Switch to silent mode	Press and hold  in idle mode.
Access the <b>Contacts</b>	Press  in idle mode.
Call the <b>Contacts</b>	Press ▲ or ▼ and press  to call the selected name.
Access the <b>Call list</b>	Press  in idle mode.
Quickly return to idle when browsing menus	Press  .
Access <b>Shortcuts</b> menu	Press ▼ in idle mode.
Lock/Unlock the keypad	Press  then press  .

## Events

Some events may modify the idle screen(missed call, new message,etc.) Press  to access the corresponding menu or press  to go back to the idle screen.

## The Left/Right Key

Press the left key  and the right key  to perform the function displayed at the bottom of the screen.

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# 1 • Getting Started

*Please read the safety instructions in the "Precautions" section before use.*

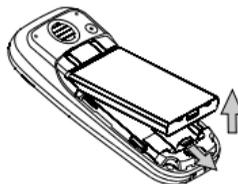
To use your phone, you must insert a valid SIM card supplied by your operator or retailer. The SIM card contains your subscription and a memory in which you can store phone numbers and messages.

## Insert the SIM Card

1. Make sure that the phone is switched off.
2. Press on the back cover and slide it downwards to remove it.



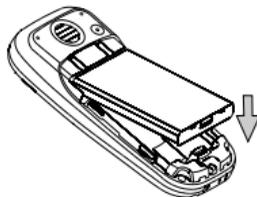
3. Hold the latch to lift up the battery.



4. Place the SIM card in its slot (with the connectors facing towards the phone) .



5. Slide the battery back (with the connectors facing downwards),until it stops.



6. Replace the back cover by sliding down into its slots until it stops.

## Switch on/off the Phone

To switch on the phone, press and hold  until the phone power-on screen displays. If the phone asks for a PIN code,preconfigured and communicated by your operator or retailer,please enter the PIN and select **ok** . To personalise the PIN code,see "Change Pwd.",press  to confirm.

To switch off the phone, press and hold  until the phone displays the power-off screen displays.

*If you enter an incorrect PIN code three times, your SIM card will be locked. To unlock it, you must request the PUK code from your operator.*

## Charge the Battery

Your phone is powered by a rechargeable battery and a new battery has been partially charged .A sound alert will warn you when the battery reaches low.If the battery is empty, it needs to be charged for 2 to 3 minutes before the battery symbol indicators reappear.

1. Once the battery and back cover are attached to the phone,plug the charger to the connector(supplied with the phone,in the box)into the socket at the base of the

phone on one end. Check that the arrow on the connector is facing towards the phone.Then plug the other end of the charge to an easily accessible AC power socket.



*To prevent damage of the phone,do not make a telephone call or send SMS while the battery is charged!*

2. The battery symbol indicates the state of charge. During charging, the charge indicators will scroll. When the battery is fully charged,you can disconnect the charger by unplugging it.



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*Keeping the charge plugged to the mobile won't damage the battery after it is fully charged .The only way to turn off the charger is to unplug it,so you'd better use an easily accessible AC power.*

---

## 2 • Main Features

### Access and View the Phonebook

In idle mode, press . Depending on the selected phonebook (in SIM or in phone), the content that appears on the screen may vary.

Key in a letter (e.g. Press “9” key three times to access the “Y”) in phonebook list. The first contact starting with this letter is selected in the list.

### Make a Call

1. In idle mode, enter the phone number using the keypad. To correct an error, press .
2. Press to dial the number and press to hang up.

*For an international call, quickly press twice quickly to enter the “+” sign instead of the usual international prefix.*

### Speed-dial of SIM Phonebook

If you have the serial number (e.g.5) of the phone in SIM,

you can enter 5# in idle mode. The phone will show the corresponding contact stored in SIM, and you can press to call the number.

### Emergency calls

Without a SIM card in phone, you can press (SOS) to dial emergency call.

With a SIM card in phone, you can enter emergency number in idle mode, then press .

*In Europe the standard emergency number is 112, in the UK it is 999.*

### Answer and End a Call

When receiving a call, the number of the caller may be displayed. If the number is stored in the phonebook, the caller's name instead of the number is displayed.

1. To answer the call: press .
2. To reject the call: press . If you have activated Call Divert, the call is diverted to a number or voice mail.
3. To hang up the call: press .

*If you have selected Any Key Answer, you can accept a call by pressing any key (except ).*

## Options during a Call

During a call, press  to access call options. Press  to return to the in-call screen.

### **Phone Book**

To view the phonebook during the call.

### **Mute/Unmute the Microphone**

Allows you to mute or unmute the microphone so that the caller can/can't hear you. Press , select mute and press  again. To unmute the microphone, press , select mute and press  again.

### **Other Options during a Call**

- SMS messages
- End call

## Make a Second Call

When you are in an active call, you can dial a number (or select a contact in the phonebook) and press. The first call is put on hold when the second number is being

dialled. Then press to access the following options:

- **Swap** to toggle between calls.
- **Transfer** to connect the two calls. You are disconnected when the transfer is completed.
- **Conference** to introduce the caller into a conference call.
- **End single** to hang up the active line.
- **End All** to hang up all calls.

## Answer a Second Call

When someone is calling you while you are on another call, the phone emits a beep alert and the screen displays **Call Waiting**. You can then:

Press  To answer the second incoming call (while the first one is put on hold). Then press, and select:

- **Swap** to toggle between calls;
- **Conference** to introduce the new caller into a conference call.

Press  To reject the call.

Press  End the current call ,then answer the incoming call.

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*To receive a second call,you must have deactivated Call forward for voice calls and activated Call Waiting.*

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## Adjust the Earpiece Volume

During a call, press ▲ or ▼ to increase or decrease the volume.

## Lock/Unlock the Keypad

To lock the keypad, you can press  then  in idle mode.

To unlock the keypad, you can repeat the same operation.

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*After the keypad is locked,the backlight of the LCD can't light until you press  or .And you be still allowed to dial the emergency calls by the locked keypad .*

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## Activate Silent Mode

To activate the silent mode, press and hold  until the message of “Silent Activated” and icon shows on the screen.

To deactivate the silent mode, press and hold  again until the suggestive message shows on the screen and the icon disappears.

## 3 • Menu Tree

The table below describe the complete menu tree (first to third levels) of your mobile phone.

### Phone Book

Search Entry

Add New Entry

Delete All

Copy All

Owner Number

Memory Status

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### Messages

Write Message

Inbox

Outbox

Template

Message Settings

Profile Setting/Common Setting/Memory Status

Voice Mail

Broadcast Message

Receive Mode/Languages/Channels

---

### Call History

Missed Calls

Dialed Calls

Received Calls

Delete Call Log

Missed Calls/Dialed Calls/Received Calls/Delete All

Call Time

Last Call Time/Total Sent/Total Received/Reset All Time

Call Cost

Last Call Cost/Total Cost/Reset Cost/Max Cost/Price Per Unit

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### Settings

Phone Setup

Time and Date/Language/Input Method/Display/Wallpaper/Screen Saver/Contrast/Greeting Text/Dedicated key/Auto update of date and time

## Call Setup

Caller ID/Call Waiting/Call Divert /Call Barring/Line Switching/Call Time Reminder/Auto Redial/Closed User Group

## Network Setup

Network Selection/Band Selection

## Security Setup

SIM Lock/Phone Lock/Auto KeyLock/Fixed Dial/Barred Dial/Change Pwd.

## Restore Factory Settings

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## Fun & Games

Themes

*Orange/Blue/Silver*

Games

Game Setting

Audio/Vibration

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## FM Radio

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## User Profiles

General

---

Meeting

Outdoor

Indoor

Headset

---

## Organizer

To Do List

Alarm

Calculator

---

## Shortcuts

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## Services

## 4 • Text or Number Entry

You can select the input methods to enter English letters, words, symbols and numbers. Icons appearing on the screen indicated the active text mode.

*To select a different input method you can press in the editing screens.*

### Function Keys

Alphabets and symbols represented by each key are as follows:

-  To delete the characters or end the editing mode.
-  To move the cursor, select letter, word or symbol from the list.
-  To return to idle mode.
-  To confirm entry or enter option menu.
-  To enter symbols.
-  To select input method.

### Multitap ABC/abc Input

To select multitap input method, press  until “ABC” or “abc” appear on the screen. This method requires multiple key presses to reach the desired character: the letter “h” is the second letter on the key 4, so you must press it twice to enter “h”. If the letter you enter and the one you just enter are on the same key, just wait for a few seconds for the cursor to appear.

*You can press key 0 to insert a space in multitap ABC/abc input.*

**Example: how to enter the word “HOME”:**

Press key 4, 4,(GHI) 6, 6, 6(MNO), 6(MNO), 3, 3(DEF).

Letters, numbers and symbols are located on each key as shown in the table below:

## 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
0	□ 0

## Smart ABC/abc Input

This is an intelligent editing mode for messages including a comprehensive dictionary. It allows you to enter text more quickly. To select Smart input method, press  until “=ABC” or “= abc” appear on the screen. Press only once on the key corresponding to each letter needed to spell a word: keystrokes input are analyzed and the word suggested is displayed in the edit screen. If several words are available according to the keys used, you can press ▲ or ▼ to choose from those proposed by the

Smart ABC/abc built-in dictionary (see example below).

### **Example: how to enter the word “home”:**

1. Press key 4, 6, 6, 3 in turn.  
The screen displays the first word in a list: [good](#).
2. Press ▼ to scroll to and select [home](#).
3. Press  to confirm the word [home](#).

## Numeric Input

With this method you can press the corresponding keys to enter numbers.

## 5 • Phone Book

This menu allows you to manage your contacts. The phone has two phonebooks for storing contacts: the SIM phonebook and the onboard phonebook (up to 200 names). When you add a new contact, it will only be added to the phonebook you have selected: **To SIM** or **To Phone**.

### Search Entry

Allows you to look for a contact in the phonebook. Enter the name that you want to search and press .

### Add New Entry

Allows you to add contacts in a phonebook. The contacts will be added to the selected memory.

1. Select the memory and press .
2. Enter the name and number. Press  to confirm.

*To store the number quickly you can key in the number in idle mode, then press  to save.*

### Delete All

To delete all contacts from the selected memory: **From**

**SIM** or **From Phone**.

### Copy All

To copy all contacts from the phone to the SIM card or from the SIM card to the phone.

### Owner Number

The owner number item should contain your own phone number. If not, you are advised to enter your mobile number as well as any other relevant information.

*Although all its fields can be empty, the owner number item can't be deleted.*

### Memory Status

You can look over the memory status of the SIM card and the phone in order to make effective use of the storage space.

### Edit and Manage Contacts

Press in idle mode to access the contacts you have stored. Press the key for search for in the list (e.g. press 9 three times to access the letter "Y"). The first record

starting with this letter is highlighted in the list.

Choose a contact of your phonebook and press to access the following options:

- View
- Delete
- Move
- Edit
- Copy
- Send Message

---

*Copy will copy the content of a contact into the other memory.*

---

## 6 • Messages

This menu allows you to send short messages(SMS) with sounds, animations or pictures.

### Write Message

This menu allows you to send an SMS to one or several contacts. when you write the message the counter of characters will display on the top right corner of the screen.

1. Enter your text and press  to access the next options:

- Done** To confirm the text.
- Use Templates** To select a pre-configured message.
- Insert Object** To add picture, animation, or sound to the message.
- Format Text** To set **Text Style**, **Alignment** and **New Paragraph**.

2. Select **Done** and press  to access the next options:

- Send Only** To send the message immediately.
- Save and Send** To save a copy of the message to outbox and send the message.

**Save** To save the message to outbox.

**Send To Many** To send message to many contacts.

### Inbox

This menu allows you to read SMS you have received. When a message is displayed, press  to access the following options:

- Reply** To reply to the sender.
- Forward** To edit and forward the selected message.
- Edit** To edit the selected message.
- Delete** To delete the selected message.
- Delete All** To delete all message at once.
- Use Number** To save the number of the sender or fetch the number in the message.
- Save Objects** To save multimedia items such as pictures in the message.

### Outbox

Only when you send the message by selecting **Save and Send** or **Save** can the message be stored in this menu.

### Template

Allows you to pre-configure up to ten messages you use most frequently. You can **Edit** or **Erase** them.

## Message Settings

This menu allows you to customize your SMS via the following options:

### **Profile Settings**

**MSC NO.** To select your default SMS centre. **If it is not available on your SIM card, you must enter your SMS centre number.**

**Validity** To select the length of time your messages is to be stored in your SMS centre.

**Type** To select the type of your message.

### **Common Settings**

**Delivery Report** When **On**, this option will inform you via SMS whether your own SMS was received or not.

**Reply Path** To allow the recipient of your SMS message to send you a reply via your message centre.

---

*This feature is subscription dependent.*

---

### **Memory Status**

To show the memory status of the messages stored in

SIM card and phone.

## Voice Mail

This menu allows you to view the voice mail server number and listen to the voice mail. When you receive a voice mail, your provider will send a message to your phone. The phone allows you to enter the voice mail server number. The network service provider supplies with the number.

To set the voice server number you can select the first item to enter the number.

To listen to the voice mail you can select [Connect to Voice Mail](#).

---

*If you press and hold key 1 in idle mode, you can access your voice mail server quickly.*

---

## Broadcast Message

---

*This feature is network dependent.*

---

This menu allows you to manage the reception of SMS broadcasts regularly transmitted to all subscribers on the network. Please contact your operator for details.

## 7 • Call History

This menu can record missed, received and dialed calls and the duration of all calls.

### Missed Calls

This menu allows you to view the latest unanswered calls. Select a call log and press  to access the following options:

- Save** To save the selected number.
- Delete** To delete the selected number.
- Dial** To dial the selected number.
- Edit** To edit the selected number and save it to phonebook.

### Dialed Calls

This menu allows you to view the latest dialed calls including attempted or successful calls.

### Received Calls

This menu allows you to view the latest received calls.

### Delete Call Log

This menu contains three options that can erase missed, dialed and received calls.

### Call Time

This menu allows you to view the total time for calls made or received and the duration of last call (format: hour, minute, second). You can also reset the timer of the last call and all calls.

*The actual time invoiced for calls and service by your service provider may vary, depending on network features, rounding-off for billing purpose, tax and so forth.*

### Call Cost

#### **Last Call Cost**

To show the cost of the last call made.

#### **Total Cost**

To show the total cost of all calls made since the cost counter was last reset. If the total cost exceeds the maximum cost set via the Max Cost option, you will no longer be able to make any calls until you reset the counter.

***Reset Cost***

To reset the cost counter, you must first enter your PIN2.

***Max Cost***

To set the maximum cost for your calls.(Needs to enter PIN2).

***Price Per Unit***

To set the cost of one unit; This price per unit is applied when calculating the cost of your calls.(Needs to enter PIN2)

## 8 • Settings

This menu allows you to customize your phone and change the settings related to each available option (time and date, security, etc.).

### Phone Setup

#### **Time and Date**

Allows you to [Set Home City](#) and [Set Time/Date](#).

To set home city you can press ▲ / ▼.

To set time/date you can press the appropriate numeric keys.

#### **Language**

Allows you to select a sort of language for all menu texts.

Press ▲ or ▼ to select a sort of language then press

 to confirm.

#### **Input Methods**

Allows you to set the default input method.

#### **Display**

Allows you to select [Show Date and Time](#) or [Show Owner](#)

[Number](#) to display in idle mode.

#### **Wallpaper**

Set the background image of the screen displayed in idle mode.

#### **Screen Saver**

Set the image displayed after being in idle mode for a stated time.

#### **Contrast**

Allows you to adjust the contrast of display.

#### **Greeting Text**

Allows you to set individualized greeting text. It is displayed when you switch on phone.

**Status** To activate or deactivate the display of greeting text.

**Text** To set the content of the greeting text.

#### **Dedicated key**

In idle mode you can quickly access preset functions by pressing the navigation keys. This menu allows you to modify the preset functions according to demands.

## ***Auto update of date and time***

To update the time in the phone automatically.

## **Call Setup**

### ***Call ID***

Select [Set By Network / Hide ID / Send ID](#) to show or hide your identify to your correspondent.

### ***Call Waiting***

This is a kind of network service. If you select [Activate](#), the phone will inform you during a call when another person is trying to reach you. Otherwise if you select [Deactivate](#), the phone will not inform you and the person who is dialing will hear the busy tone or the call will be diverted to another phone (if your phone is set to [Divert If Busy](#)).

### ***Call Divert***

To divert incoming calls to your voice mailbox or to a number (whether in your phonebook or not).

[All Voice Calls](#) Will divert all voice calls.

[If Busy](#) Allows you to choose in which cir-

[If No Answer](#) cumstance you want to divert the in-

[If Unreachable](#) coming calls.

[All Data Calls](#) Will divert all data calls.

[Cancel All Divert](#) Will cancel all diverting options.

You can also select [Deactivate](#) to cancel a diverting, select [Query Status](#) to check the status.

### ***Call Barring***

This menu allows you to restrict outgoing and incoming calls from your phone. This function is network dependent and requires a specific call barring password supplied by your service provider. The [Outgoing Calls](#) menu allows you to select [All Calls](#), [International Calls](#) or [International Except Home](#) (the letter allowing you to call your phone country when you are abroad).

The [Incoming Calls](#) menu allows you to select [All Calls](#) or [When Roaming](#).

The [Cancel All](#) menu allows you to remove all barring options.

The [Change Barring PW](#) menu allows you to change the barring code.

You can also select [Deactivate](#) to cancel a diverting, select [Query Status](#) to check the status.

### ***Line Switching***

Some SIM cards may be used with two subscribers'

numbers(network service). This function is available only if your SIM card supports it.

### **Call Time Reminder**

Allows you phone to beep according to the call time.

- Off** The phone does not beep.
- Single** Allows you to select from 1 to 3000(seconds) as the beeping time.
- Periodic** Allows you to select from 30 to 60(seconds) as periodic beeping time.The phone will beep at periodic times.

### **Auto Redial**

Allows your phone to redial the number at intervals automatically if the call you make is not answered.To end redialing press  or  to cancel.

### **Closed User Group**

This menu needs the corresponding support of network. Usually only the phone is set by network provider can this option is usable. It is mainly used to restrict communications of your phone.After activating you can only talk to the users in the groups with your phone.

## Network Setup

### **Network Selection**

This menu allows you to select the service network (suggest you to select **Automatic**).

- Automatic** You phone will automatically select and register a usable network.
- Manual** Provides you with a list of the networks available in the area. Select one from the list to register.

### **Band Selection**

This menu allows you to select the band of network for calls.

## Security Setup

### **SIM Lock**

When the SIM Lock is activated, you must enter the PIN code(PIN code is supplied by the provider with the SIM card). If you enter the incorrect code three times, you need to enter PUK code(PIN unlocking code). The PUK code is used to unlock or change the locked PIN code. If the PUK code is not offered or lost, you can contact with

the network provider.

### **Phone Lock**

This menu allows you to set the password of the phone, the default status is **Off**. Once you set the status **On**, you must enter the password each time the phone is powered on.

### **Auto KeyLock**

Allows you to lock your keypad automatically in idle mode. You can select the interval of locking from the list. To unlock the keypad you can press  and .

---

*To quickly lock the keypad you can press  and .*

---

### **Fixed Dial**

Allows you to restrict the outgoing calls to designated phone numbers. PIN2 code which is supplied by the network provider is required to activate this function.

---

*Not all SIM cards have PIN2. If your SIM card do not have PIN2, this menu is unusable.*

---

### **Barred Dial**

Allows you to restrict the different outgoing calls.

With the support of your SIM card, you can activate or deactivate this function.

### **Change Pwd.**

This menu is used to change **PIN / PIN2** code and **Phone Lock** password.

#### **PIN Code**

PIN Code(Personal Identification Number) is used to prevent SIM card from unauthorized use.The PIN is supplied with the SIM card. The service provider supplies the default value.

If you can't enter a correct PIN code within three tries, The PIN code of SIM will be locked and you will be asked to enter PUK code.

The PUK code is supplied with SIM card.If it isn't supplied, you can get the code from the service provider.

If you can't enter a correct PUK code within ten tries,the SIM card will be locked forever.

#### **PIN2 Code**

It is used to access some special network functions such as charging or fixed dial etc. The service provider supplies the default value. If you can't enter a correct PIN2

code within three tries, the SIM card will be locked and you will be asked to enter the PUK2 code. The service provider supplies the PUK2 code.

If you can't enter a correct PUK2 code within ten tries, the functions in connection with PIN2 code can't be used anymore.

### Phone Lock Password

Phone Lock Password protects your phone against unauthorized use by other people. The password is necessary when you delete all data or restore factory settings. The initial phone lock password is 1122.

## Restore Factory Settings

Allows you to reset your phone to its default configuration. You need to enter the password.

*Once you enter the right password (the password is the same as Phone Lock Password, its default value is 1122), the phone will return to its default configuration.*

## 9 • Fun & Games

### Themes

This menu allows you to set the theme of screen color.

There are three kinds of themes for you to select.

Select a scheme, press  [Option](#) to access the following options.

[Activate](#)                      Activate the selected theme.

[Update Period](#)              Set frequency of color updating.

---

*If you set in Update Period, please select Activate after setting.*

---

### Games

This menu allows you to select different games. For details, please refer to the [Game Help](#) on the screen.

### Game Setting

This menu allows you to turn on or off the audio and vibration effect of the games .

## 10 • FM Radio

This menu just allow you to tune the radio when you plug into the headset.You can dial a call or answer an incoming call while listening to the radio.And the radio can stop automatically during you are talking.

---

*If you want to open the menu or tune in some programs, please plug into earphone firstly !*

---

First you need to plug into your earphone,then press  in idle mode,or select “FM Radio” in the main menu and press ,the FM radio will begin to play.

After enter the option,select [Tune](#) / [Channel List](#) / [Preset Auto Search](#).

### [Tune](#)

To set the frequency of the radio channel that you want to listen to.You can enter the frequency between 87.5HZ and 108HZ. After the setting finished, you can input a figure between 1 and 15 to the channel list(The list can save fifteen channels only).

### [Channel List](#)

To view the mounted channel list.The default frequency is 87.5HZ,and the default name of the mounted frequency is new frequency.Enter the [Option](#),you can select [Play](#) or [Rename](#).

### [Preset Auto Search](#)

To let the phone automatically scan through and save available radio frequency to the channel list.The frequency range is 87.5HZ~108HZ.

## 11 • User Profiles

This menu allows you to set the ringer of incoming call, new message and so on. It also allows you to set alert type, volume of the ringer and answer mode and backlight etc so that your phone can fit all kinds of environments.

1. Select **General / Meeting / Outdoor / Indoor / Headset**, then select **Activate** in option menu. Thus the mode you select is in operation.

2. Select **Customize** in option menu to set the following options.

**Tone Setup** Includes **Incoming Call, Alarm, Power On, Power Off, Message Tone, Keypad Tone**.

**Volume** Allows you to set the volume of **Ring Tone** and **Key Tone** to one of the seven levels.

**Alert Type** Includes of **Ring, Vibration Only, Vibrate and Ring, Vibration Then Ring**.

**Ring Type** Includes **Single, Repeat, Ascending**.

**Extra Tone** Includes suggestive sounds as **Warning, Error, Camp on** and **Connect**.

**Answer Mode** Allows you to set **Any Key** to answer.

**LCD Backlight** Allow you to select the duration of **LCD Backlight** from such value as 5,15,30, 45 seconds.

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*The "Auto" option in Answer Mode only shows in Headset Mode.*

*The Headset mode needs not to be activated. As long as you plug in the earphone, your phone will switch to Headset mode automatically.*

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## 12 • Organizer

### To Do List

This menu allows you to manage different schedules in your work or life. You can set the content and detailed time in the [To Do List](#).

Select existing item or Empty, then press  to access the following options:

- [Add](#) Allows you to add new item.
- [Edit](#) Allows you to edit the selected item.
- [Delete](#) Allows you to delete the selected item.
- [Delete all](#) Allows you to delete all items.

Enter date, time, note (the content of the task) and select status ([Off](#) / [Once](#) / [Every day](#)), press  to confirm.

*The time format you entered must be a 24-hour system.*

### Alarm

This menu allows you to set the alarm clock. Select the status ([Off](#) / [Once](#) / [Every day](#)) and time, then press  to confirm.

*The alarm clock will ring even if you turned off your phone. Press  to stop the alarm ringing. Press  to stop the ringing temporarily. The alarm will ring again around 4 minutes later.*

### Calculator

This menu is mainly used in simple operation such as addition, subtraction, multiplication and division.

1. Enter the first figure then press navigation keys to select the operator symbol.
2. Enter the second figure.
3. Repeat steps 1 and 2 if necessary.
4. Press  to get the result.

## 13 • Shortcuts

This menu allows you to quickly enter ten items and modify the default items according to the actual demand.

### ***Access items in Shortcuts***

1. Press in idle mode to access Shortcuts menu.
2. Select a desired item and press  to enter.

### ***Change items in Shortcuts***

1. Select Shortcut in the main menu, select an item you want to modify then press  to enter edit mode.
2. Select the replacing item, then press  to confirm.

## 14 • Services

Function items of this menu are subscription dependent and specific to operators. If the SIM card you insert has STK function, the STK menu will display on the screen. Select corresponding service option and press  to access the function.

## Icons & Symbols

In idle mode, several symbols can be displayed simultaneously on the main screen.

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*If the network symbol isn't displayed, the network is not currently available. You may be in a bad reception area, moving to a different location may help.*

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 **Battery**-The bars indicate the battery level(3 bars=full, 0 bar=low).

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 **GSM Network**-your phone is connected to a GSM network.  
**Reception quality**-the more bars are shown the better the reception is.

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 **Keypad lock** activated.

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 **Alarm** activated.

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 **Ring**-The alert type is ring.

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 **Vibration only**-The alert type is vibration only.

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 **Vibra and ring**-The alert type is vibra and ring.

---

 **Vibra then ring**-The alert type is vibra then ring.

---

 **Voice mail**-You have received a new voice mail.

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 **Call forward**-Your phone is in calls-forward state.

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 **Missed call**-You have a missed call.

---

 **SMS message**-You have received a new message.

---

 **Line**-The current line.

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## Precautions

### Radio Waves

Your cellular mobile phone is a **low power radio transmitter and receiver**. When it is operating, it sends and receives radio waves. The radio waves carry your voice or data signal to a base station that is connected to the telephone network. The network controls the power at which the phone transmits.

- The GSM network controls transmission power (0.01 to 2 watts).

- Your phone complies with all relevant safety standards.

Your cellular mobile phone is your responsibility. To avoid damage to yourself, to others or to the phone itself, read and follow all the safety instructions and make them known to anyone borrowing your phone. Furthermore to prevent unauthorised use of your phone:

Keep your phone in a safe place and keep it out of small children's reach.

Avoid writing down your PIN code. Try to remember it instead.

Switch off the phone and remove the battery if you are

going to leave it unused for a long time.

The design of your phone complies with all applicable laws and regulations. However your phone may cause interference with other electronic devices. Consequently you should follow all **local recommendations and regulations** when using your cellular phone both at home and when away. **Regulations on the use of cellular phones in vehicles and aircraft are particularly stringent.**

Public concern has been focused for some time on the possible health risks for users of cellular phones. The current research on radio wave technology, including the GSM technology, has been reviewed and safety standards have been drawn up to ensure protection from exposure to radio wave energy. Your cellular telephone **complies with all applicable safety standards** and the Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC.

### Always Switch off Your Phone

Inadequately protected or **sensitive electronic equipment** may be affected by radio energy. This

interference can lead to accidents.

Before boarding an **aircraft** and/or when packing the phone in your luggage: the use of mobile phones in an aircraft may be dangerous for the operation of the aircraft, disrupt the mobile phones network and may be illegal.

In **hospitals**, clinics, other health care centres and anywhere else where you may be in the close vicinity of **medical equipment**.

In areas with a potentially **explosive atmosphere** (e.g. petrol stations and also areas where the air contains dust particles, such as metal powders).

In a vehicle transporting flammable products (even if the vehicle is parked) or a vehicle powered by liquefied petroleum gas (LPG), check first that the vehicle complies with the applicable safety rules.

In areas where you are requested to turn off radio transmitting devices, such as quarries or other areas where blasting operations are in progress.

Check with the vehicle manufacturer that **electronic equipment** used in your vehicle will not be affected by radio energy.

## User of Pacemakers

If you are a user of a **pacemaker**:

- Always keep the phone more than 15 cm from your pacemaker when the phone is switched on, in order to avoid potential interference.
- Do not carry the phone in a breastpocket.
- Use the ear opposite to the pacemaker to minimise the potential interference.
- Switch off your phone if you suspect that interference is taking place.

## Users of Hearing Aids

If you are a user of a **hearing aid**, consult your physician and hearing aid manufacturer to learn whether your particular device is susceptible to cellular phone interference.

## Performance Improved

In order to **improve the performance of your phone**, reduce radio energy emission, **reduce battery consumption and ensure safe operation adhere to the following guidelines:**

For the optimal and satisfactory operation of the phone you are recommended to use the phone in the normal operating position (when not using in hands-free mode or with a hands-free accessory).

- Do not expose your phone to extreme temperatures.
- Treat the phone with care. Any misuse will void the International Guarantee.
- Do not immerse the phone in any liquid; if your phone is damp, switch it off, remove the battery and let them dry for 24hrs before using them again.
- To clean the phone, wipe it with a soft cloth.
- Placing and receiving calls consumes the same amount of battery energy. However, the mobile consumes less energy in idle screen when kept in the same place. When in idle screen and while you are moving, your phone consumes energy to transmit updated location information to the network. Setting the backlight for a shorter period of time as well as avoiding unnecessary navigating in the menus will also help to save the battery's energy for longer phoning and stand-by performances.

## Information Displayed on the Battery

- Your phone is powered by a rechargeable battery.
- Use specified charger only.
- Do not incinerate.
- Do not deform or open the battery.
- Do not allow metal objects (such as keys in your pocket) to short circuit the battery contacts.
- Avoid exposure to excessive heat (>60°C or 140°F), moisture or caustic environments.

You should only use Philips authentic battery and accessories, as the use of any other accessories may damage your phone and may be dangerous, and will make all guarantees for your Philips phone null and void. The use of an incorrect type of battery may also cause an explosion.

Make sure damaged parts are replaced immediately by a qualified technician and that they are replaced with genuine Philips replacement parts.

## Do not Use Your Phone while Driving

It lowers concentration, which can be dangerous. Adhere

to the following guidelines: Give your full attention to driving. Pull off the road and park before using the phone. Respect the local regulations in countries where you drive and use your GSM phone. If you want to use your phone in a vehicle, use the hands-free function or earphone, still ensuring you give full attention to driving. Ensure that your phone does not block any air bags or other security devices fitted in your car. The use of an alarm system to operate a vehicle's light or horn to indicate incoming phone calls is prohibited on public roads in some countries. Check local regulations.

### EN 60950 Norm

In case of hot weather or after a prolonged exposure to the sun (e.g. behind a window or a windscreen), the temperature of your phone's casing might increase, especially when featuring a metallic finish. Be very careful in this case when picking up your phone and also avoid using it with an ambient temperature over 40°C or below 5°C.

### Environmental Care

Remember to observe the local regulations regarding the disposal of your packaging materials, exhausted batteries and old phone and please promote their recycling.

Philips has marked the battery and packaging with standard symbols designed to promote the recycling and appropriate disposal of your eventual waste.

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The battery should not be disposed of with general household waste.

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The labelled packaging material is recyclable.

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A financial contribution has been made to the associated national packaging recovery and recycling system (e.g. EcoEmballage in France).

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The plastic material is recyclable (also identifies the type of plastic).

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## Troubleshooting

**The phone does not switch on** Remove / reinstall the battery. Make sure you plugged the jack of the charger into the correct connector. Then charge the phone until the battery icon stops scrolling. Finally, unplug from charger and try to switch the mobile on.

**The display shows BLOCKED when you switch on** Somebody tried to use your phone but didn't know the PIN code nor the unblocking code(PUK). Contact your service provider.

**You have the feeling that you miss some calls** To receive all calls, make sure that none of the feature in **Call Divert** is activated.

**The  symbol is not displayed** The network connection is lost. Either you are in a radio shadow (in a tunnel or between tall buildings) or you are outside the network coverage area. Try from another place, try to reconnect to the network

**The display doesn't respond(or the display responds slowly) to key presses**

**When attempting to use a feature in the menu, the mobile displays NOT ALLOWED**

**You can't send text messages**

(especially when abroad), or contact your network operator for assistance/information about the network.

The display responds more slowly at very low temperatures. This is normal and does not affect the operation of the phone. Take the phone to a warmer place and try again.

In other cases please contact your phone supplier.

Some features are network dependent. They are only available, therefore, if the network or your subscription supports them. Contact your operator for detailed information on this subject.

Some networks don't allow message exchanges with other networks. First check that you entered the number of your SMS

centre, or contact your operator for detailed information on this subject.

The display shows  
INSERT YOUR  
SIM CARD

Check that the SIM card has been inserted in the right position. If the problem remains, your SIM card might be damaged. Contact your operator.

You phone is not  
charging

Make sure you plugged the jack of the charger into the correct connector. If your battery is completely flat, it might take several minutes of pre-charge ( up to 5 minutes in some cases) before the charging icon is displayed on the screen.

# Philips Authentic Accessories

Some accessories, such as a battery and a charger, are included as standard in the package of your mobile phone. Additional accessories may also be provided or sold separately. Package contents may therefore vary.

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*To maximise the performance of your Philips mobile phone and not to void the warranty, always purchase Philips Authentic Accessories that are specially designed for use with your phone. Philips Consumer Electronics cannot be held liable for any damage due to use with non authorised accessories.*

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## Charger

Charges your battery in any AC outlet. Small enough to carry in a briefcase/handbag.

## Headset

Your phone will activate headset mode automatically when you plug in the earphone. And you can select “auto”

option in answer mode. If this option's status is “on”, your phone will automatically answer the incoming call in 2 seconds.

# Declaration of conformity

We,  
Philips (China) Investment Co., Ltd.  
BU Wireless China  
21F, Tower 1 Kerry Eurbright City  
218 Tian Mu Xi Road  
Shanghai, P.R.C 200010

declare under our sole responsibility that the product  
Philips S220  
GSM Dualband Digital Mobile Phone  
T AC: 352778 01

to which this declaration relates, is in conformity with  
the following Standards:

Safety: EN 60950/2001  
SAR: EN 50360:2001/EN 50361:2001  
R & TTE: EN 301-511 V9.0.2  
EMC: EN 301489-1 V1.5.1 and EN 301489-7 V1.2.1

We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex III or IV of Directive 1999/5/EC has been followed with the involvement of the following Notified Body:

BABT, Belfour House, Churchfield Road, Walton-On-Tames, Surrey, KT 12 2TD, UK  
Identification mark: **0168**

Aug18th, 2006

Quality Manager

