Discover Your Phone

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How to ...

Switch the phone On/Off	Long press ☎.
Store numbers in Phonebook	Enter the phone number and then select — *Options* > *Save number* > *Save to SIM*/*Save to phone*.
Make a call	Enter the phone number using the keypad and press ⌐ to dial.
Answer a call	Press ⌐ when your phone rings.
End a call	Press ☎.
Reject a call	Press ☎ or — when your phone rings.
Adjust earpiece volume	Press ▲ or ▼ during a call.
Access *Radio*	Press — in idle mode.

Access main menu	Press [−] in idle mode.
Access SMS editor	Press ▸ in idle mode.
Access *Alarm*	Press ◂ in idle mode.
Access *Calendar*	Press ▴ in idle mode.
Access *Contact list*	Press ▾ in idle mode.
Access *Outgoing calls*	Press [⌣] in idle mode. Then press ◂ or ▸ to switch between *Outgoing calls*, *Missed calls* and *Incoming calls*.
Switch to silent mode	Long press [*•] in idle mode to turn the silent mode on or off.
Return to previous menu	Press [−].
Quickly return to idle mode	Press [☎].

Soft keys

Press the left and right soft keys [−] and [−] located at the top of the keypad 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 using your phone.

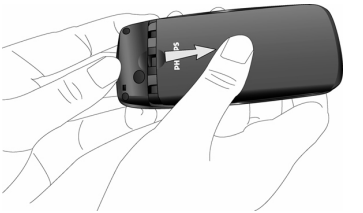
To use your phone, you must insert a valid SIM card supplied by your network operator or retailer. The SIM card contains your subscription information, your mobile phone number and a memory in which you can store phone numbers and messages.

Insert the SIM card

Follow the steps below to insert your new SIM card. Remember to switch off your mobile phone before removing the back cover and battery.

Remove the back cover

To insert the SIM card, you must first remove the back cover. Press on the back cover with your thumb and slide the cover downwards. Then use your free hand to lift up the door of the battery compartment as shown below.



Remove the battery

To remove the battery, lift up the battery from the bottom as show below.

Insert the SIM card

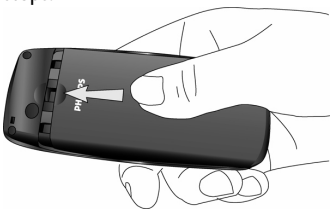
Make sure the clipped corner of the SIM card is facing the correct direction and the metallic contacts facing downwards. Slide the SIM card into the SIM card slot until it stops.

Replace the battery

Slide the battery back to its slot, with the gold contacts facing downwards until it stops. Then lock it by pushing it downwards.

Replace the back cover

Replace the back cover by sliding it up into its slot, until it stops.



Remove the protective film covering the screen before using the phone.

Switch on the phone

To switch on the phone, long press ⏻ key. Enter the PIN code if required. It is preconfigured and communicated to you by your operator or retailer. For more information on PIN code, see "Security".

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

Charge the battery

Your phone is powered by a rechargeable battery. A new battery is partially charged and an alarm will warn you when the battery level is low. If the battery is empty, it needs to be charged for 2 or 3 minutes before the battery symbol indicators flash. Plug the charger into the charger connector at the top left side of the phone as shown below. Then plug the other end of the charger into an AC power socket.

The battery symbol indicates the state of charge. The charge indicators will scroll when the battery is charging. The battery is fully charged when the charge indicators stop scrolling. You can then disconnect the charger.

Keeping the charger plugged to the mobile phone when the battery is fully charged will not damage the battery. The only way to disconnect the charger is to unplug it, so use an easily accessible AC power socket. If you would not use your phone for a period of time, we recommend that you remove the battery.

You can use your phone while it is charging. When the battery is completely discharged, the charge indicators will appear only after a few minutes of charging.

2. Calling

Make a call

From idle screen

1. In idle mode, enter the phone number using the keypad. To correct an error, press [−].
2. Press [⌐] to dial the number.
3. Press [☎] to hang up.

To make an international call, long press [0+] to insert the international prefix "+".

Using the phonebook

1. Press ▼ in idle mode.
2. Select a contact from the list and press [⌐] to dial the selected number. To select a different number, press ▲ or ▼ (see Contacts for more information).
3. Press [☎] to hang up.

Make an emergency call

Without a SIM card in phone, you can press [−] (*SOS*) to dial an emergency call.

With a SIM card in phone, you can enter an 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 there is an incoming call, the number of the caller may be displayed if the caller has chosen to display his or her identity. If the number is stored in the phonebook, the corresponding name will be displayed instead of the number.

To turn the ring off before answering a call, press [−] > *Silent*.

- **To answer the call**: press [⌐] or [−] > *Accept*.
- **To reject the call**: press [☎] or [−].
- **To hang up**: press [☎].

The phone will not ring when it is in silent mode.

If you have activated *Any key answer* in *Settings* > *General* > *Answer mode*, you can answer a call by pressing any key, except [☎] and [−].

Options during a call

During a call, press [−] to activate *H/free* (handsfree) mode or press [−] *Options* to access the following options:

- *Mute* the call
- Put the call on *Hold*
- *End* the call
- Access *View contacts*

Adjust earpiece volume

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

Handle multiple calls

You can handle two or more calls at the same time, as well as make conference calls using your phone. The availability of this feature is dependent on your network operator and/or subscription.

Make a second call

You can make a second call when there is an active call or with a call on hold. While on the phone, dial the number (or select a contact from the phonebook) and press ⌐. The first call is put on hold and the second number is dialed. You can press —*Swap* to toggle between two calls, or press —*Options* to access the following options:

- *Mute* the call
- Establish *Conference call*
- *End all* to end all current calls

To be able to receive a second call, you need to disable** Call divert **(see page 21) and enable** Call waiting **(see page 21) functions.

Answer a second call

When you receive a second call while already in communication, the phone will emit a beep tone and the screen will display the information about the incoming call. You can then:

Press ⌐	To answer the call (the first one is put on hold).
Press ☎	To reject the call.
Press —*Swap*	To toggle between two calls.
Press —*Options*	To access options list. You can select to: • *Mute* the call • Establish *Conference call* • *End all* to end all current calls

3. Text or number entry

Selecting input methods

Your phone supports several types of input methods: Multitap ABC/Abc/abc, numeric, symbols, eng (fast English input) and others.

Depending on the language you select for your phone, the supported input methods may vary.

During text editing, short press [#a] to switch between different input methods. ABC, Abc and abc represent Multi-tap input, eng English input and 123 numeric input. To enter symbols, press [*.e].

Entering text

Use function keys

[–] Delete the characters on the left of the cursor or exit from the editing mode.

▲/▼/◀/▶ Move the cursor, select a letter, word or symbol from the list, or scroll down a list.

[☎] Return to idle mode.

[–] Select the highlighted word from the list or enter *Options* menu.

[*.e] Enter symbols.

[#a] Switch input methods.

Use Multitap ABC/Abc/abc input

Press the keys that are marked with the corresponding letter you wish to enter. Press once to get the first letter on the key, press twice quickly to get the second letter and so on until the letter you want is displayed on the screen.

Example: how to enter the word "home":

Press [4 GHI], [4 GHI] (*G*H*I*) [6 MNO], [6 MNO], [6 MNO] (*MN*O), [6 MNO] (M*NO*), [3 DEF], [3 DEF] (*DE*F).

You can press key [0+_] to insert a space in ABC/Abc/abc Multitap input mode.

Use fast English input

eng input method offers a faster way for you to enter English words. It allows you to enter text more quickly by anticipating the word you want to enter based on the keys you have pushed. You press once on the key corresponding to each letter needed to spell a word and **eng** suggests a word based on your keystrokes. If several words are available, the first word in the list is displayed and highlighted. Press ▲/▼/◀/▶ to browse the list and press *Ok* to insert the word.

Examples: how to enter the word "home":

1. Press 4, 6, 6, 3. The screen displays the first word of a list: *good*.
2. Press ▸ to move to *home*.
3. Press *Ok* to confirm.

4. Messaging

SMS

This menu allows you to send text messages using Short Messaging Service (SMS), as well as manage the messages you have sent and received.

Create message

To compose and send an SMS, select *Create message*. When you finish writing your message, press [−] *Options* to access the next options:

Send	Send the message.
Save	Save the message in drafts folder.
Send to many	Send the message to multiple recipients. You can send it up to 5 recipients. Press [−] *Options* > *Send to many*, enter the number of a recipient and press [−] *Options* to confirm; then press [−] to select *Send*, *Add recipients* or *Delete*.

When you send a message via the SMS network, your phone may display *Message sent successfully.* ***This means the message has been sent to the SMS center which you have set in your SIM card. However, this does not imply that the message has been sent to its destination.***

Inbox

This menu allows you to read the SMS messages which you have received. The messages are displayed in a list. You can select a message and press [−] *Ok* to view it. You can then press [−] *Options* to access the following options:

Reply	Reply to the sender.
Forward	Forward the selected message.
Call	Call the sender.
Save number	Save the number of the sender.
Delete	Delete the selected message.
Delete all	Delete all messages in the Inbox.

Outbox

When you select *Auto save SMS* in message settings, the sent message will be stored in *Outbox*.

When you are in the Outbox list, select a message and press [−] *Ok* to read it. Then press [−] *Options*

to access the following options:

Send	Send the selected SMS.
Forward	Edit and forward the selected message.
Call	Call the recipient.
Save number	Save the number of the sender.
Delete	Delete the selected message.
Delete all	Delete all messages in the Outbox.

Drafts

This menu lists all SMS you have saved but not sent. When you are in the Drafts list, select a message and press [−] *Ok* to read it. Then press [−] *Options* to access the following options:

Forward	Forward the selected message.
Edit	Edit the selected message.
Delete	Delete the selected message.
Delete all	Delete all messages in the Drafts.

Templates

Allows you to edit or send the template to your contacts. Select a template in the list and the message will appear in the message editor screen. You can edit it and then press [−] *Options* > *Send*/ *Send to many* to send it, or press [−] *Options* > *Save* to save it.

Message settings

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

SMS center number	Allows you to save and edit the SMS service center number of your home network. If the service center number is empty, you will not be able to send any SMS**.**
Validity period	Allows you to select the duration by which your messages will be stored in the service centre. You can select among: *1 hour*, *12 hours*, *1 day*, *1 week* and *Maximum*. This is useful when the recipient is not connected to the network (and thus cannot receive your message immediately). ***This feature is subscription dependent.***
Auto save SMS	When set to *On*, this option will automatically save the SMS sent under Outbox.

Delivery report When set to *On*, this option will notify you via SMS whether your recipient has received your SMS.

This feature is subscription dependent.

Preferred storage Allows you to select the preferred storage location: *SIM* or *Phone*.

Broadcast message Cell broadcast messages are public messages broadcast to a group of mobile users. The messages are broadcast on coded channels. Generally, one broadcast channel can transmit one type of message. Please contact your network operator for a list of channel numbers and their respective broadcast information.

- *Receive mode*: This menu allows you to set the reception of broadcast messages. When *On*, you can receive broadcast messages. When *Off*, you cannot receive broadcast messages.
- *Languages*: You can select *All languages* or *Other languages* to be in your channel list. If you select *Other languages*, you need to select the languages that will be included in your list. Use [#a] to select and press [−] *Ok* to confirm.

Memory status

Displays the memory status of the messages saved in the SIM card and the phone.

5. Contacts

Contacts are stored in one of the two available phonebooks: SIM phonebook (located on your SIM card, by which the number of entries you can store depends on the card capacity) or the Smart Phonebook (located on your phone, which allows you to store up to 100 names). When you add new contacts, the contacts will only be added to the phonebook you have selected.

New contact

1. You can first select the storage location: go to *Contacts* > *Advanced* > *Choose contacts list* and select *SIM only*, *Phone only* or *All contacts* (See "*Choose contacts list*").
2. Go to *Contacts* > *New contact*. Enter the contact name and press [−]; then enter the number and press [−].

View contacts

Select *Contacts* > *View contacts*. Select a name from the phonebook list. To search a contact name in the list, press the numeric key corresponding to the first letter of the contact name. Press [−] *Options* to access the following options:

View	*Copy to SIM/Phone*
Send SMS	*Call*
Add to group (Add to group option is only available when contacts are stored in the smart phonebook.)	*Delete*

View groups

This menu allows you to organize your contacts into different groups so that you can associate ringtones with a group of contacts. You can only create a group when contacts are stored in the smart phonebook. Select *Contacts* > *View groups* and select a group from the list to access the following options:

Group member	View the group members.
Rename	Change the name of the group.
Alert tone	Assign a ringtone to the group.

Special numbers

My numbers

The option *My numbers* should contain your own phone number. If not, we recommend that you enter your own mobile phone number and other relevant information.

Voice mail

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

To set voice server number, you can select *Number* to enter the number. To listen to voice mail, you can select *Connect to voice mail*. To delete the voice mail, press and hold [−] *Clear*.

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

Advanced

Speed dial

The *Speed dial* feature allows you to set your most frequently dialled numbers. You can then quickly call one of them by long pressing the corresponding key.

Setting a speed dial contact

In idle mode, press *Contacts* > *Advanced* > *Speed dial*. Select a number (from 2-9) in the list and press [−] *Ok* to *Set*/*Change*. Select a contact from the list and press [−] *Ok* to confirm.

Calling a speed dial contact

To make a call, long press the corresponding number associated with the contact in idle mode.

Choose contacts list

You can select *SIM only* or *Phone only* as the default memory. If you select *All contacts*, all of your contacts stored in your SIM and phone will be displayed under *View contacts*. Select *SIM* or *Phone*. Your new contacts will be added to the selected storage location until it is full.

Copy

You can copy all the contacts in your phonebook to your SIM card and vice-versa.

1. Select *Copy to phone* or *Copy to SIM*. Press [−] *Ok* to confirm.
2. A confirmation prompt will be displayed on the screen. Select [−] *Yes* to confirm the operation or select [−] *No* to cancel the operation.

To copy some of the contacts:

1. Go to *Contacts* > *View contacts* in idle mode. Select the contact name, press [−] *Options*.
2. Select *Copy to phone/SIM*. It will copy the contact name to SIM if previously saved to phone and vice versa.

Delete all contacts

1. Go to *Contacts* > *Advanced* > *Delete all contacts* in idle mode.
2. Select *Delete all phone contacts* or *Delete all SIM contacts*. Press [−] *Ok* to confirm.
3. A confirmation prompt will be displayed on the screen. Select [−] *Yes* to confirm the operation or select [−] *No* to cancel the operation.

To delete some of the contacts:

1. Go to *Contacts* > *View contacts* in idle mode.
2. Select the contact name, and press [−] *Options* > *Delete*.

Memory Status

Displays the total number of contacts you can store and the number of contacts already stored, in the SIM and in the phone memories.

6. Calls

Your mobile phone can provide you with a list of outgoing and incoming calls, attempts at auto re-dialling, as well as call details. The different types of calls (*Incoming calls*, *Outgoing calls*, *Missed calls* and *Call duration*) are displayed in chronological order with the most recent call on top. If the correspondent is stored in your phonebook, the corresponding name is displayed.

Incoming calls

This menu allows you to view the recent calls received.

Outgoing calls

This menu allows you to view the recent calls dialled, including dialling attempts or calls that were successfully connected.

Missed calls

This menu allows you to view the recent calls unanswered. Select an item and press [−] *Options* to access the following options:

Call	Call the contact.
Send SMS	Send a text message to the contact.
Delete	Delete the current number.
Save number	Save the current number.
Delete all	Delete all numbers.
Show number	Show the number of the contact.

Call duration

This menu allows you to view total *Outgoing duration*, *Incoming duration* and *Last call duration* (displayed in hours, minutes and seconds). You can press [−] to *Reset* all the call timers.

Depending on your network, rounding-off for billing purposes, taxes etc, the actual time invoiced for calls and services by your service provider may vary.

7. Tools

This menu contains features and options designed for your personal use.

Alarm

Your mobile phone has a built-in alarm clock. You can set up to three separate alarms. To set an alarm, follow the steps below:

1. Select an alarm and press [−] *Edit*.
2. Select the status and period: *Off*/*Once*/*Mon~Fri*/*Everyday*.
3. Enter the time.
4. Select the alarm ring.
5. Press [−] *OK* to save the setting.
6. Repeat the above steps to set other alarms.

The alarm clock will ring even if you turned off your phone. Press [−] Snooze to stop the ringing temporarily. The alarm will ring again around 2 minutes later.

If you want to turn off the alarm, go through step 1 and 2 and set it to Off.

Calculator

Your phone has a built-in calculator which you can use to perform basic calculations. This menu is mainly used for simple operations such as addition, subtraction, multiplication and division.

1. Enter the first figure. Press [*.+] to insert the decimal point and press [#a] to toggle between negative and positive figures. Press [−] to delete figures.
2. Use ▲, ▼, ▶, ◀ to select *Add*, *Subtract*, *Multiply*, or *Divide*.
3. Enter the second figure.
4. Press [−] *OK* to get the result.

The result of the calculator is indicative. The calculation accuracy is up to 8 decimal places. The result is then truncated after the 8th decimal digit for the next operation.

Calendar

This menu allows you to view the calendar.

8. Settings

This menu allows you to change the settings associated with each available option in your phone.

General

Language

Allows you to select a language for all the menu texts. Press ▲ or ▼ to browse the list of languages and press [−] *Ok*.

Time and date

Allows you to set the time and date.

Date &time settings	Enter the date/time using the keypad.
Date display format	Select the *Date format*.
Date separator	Select the format to separate the day, month and year.
Time display format	Select either *12 Hours* or *24 Hours*.

Answer mode

Select either *Normal answer* or *Any key answer*.

Security

This menu allows you access the features relating to the security of your mobile phone and the data you store there.

PIN protection

This allows you to set the PIN protection and PIN codes.

When *SIM lock* is set to *On*, you will be asked to enter your PIN1 code when switching your phone on. You can select to *Change PIN1* and *Change PIN2* codes. If *SIM lock* is set to *Off*, you cannot change your PIN1 code. Depending on your SIM card, some features or options may require a PIN2 code given to you by your operator.

The default PIN codes are network dependent on your service provider. Please contact your service operator for the PIN information.

If you enter a wrong PIN code 3 times in succession, your SIM card is blocked. To unblock it, request the PUK code from your operator or retailer. If you enter an incorrect PUK code 10 times in a row, the SIM card will be blocked and

unusable. If this happens, contact your operator or retailer.

Phone lock

Allows you to set the phone protection to prevent unauthorized use of your phone.

When *On*, you will be asked to select *Verify when power-on* or *Verify with new SIM*. Then you will be asked to enter the phone lock password.

The default phone lock password is 0000.

Auto keypad lock

Allows you to set your keypad *Off*, or to select an immediate or delayed lock. When selecting one of the delayed options (*5 sec*, *10 sec*, *30 sec* or *60 sec*), and if you temporarily unlock your keypad by pressing #a, it will be automatically locked again according to the delay you selected.

Change password

Allows you to change the phone lock password. You need to enter old phone code followed by the new phone code by entering the password once more. Press − *OK* to confirm.

Display

Idle display

You may set the screen display of the phone when it is in idle mode. Select *Idle display* and press − *Ok* to access the following options:

Time and date	Select to *Enable* or *Disable* the clock and date display in idle screen.
Idle text	Select to *Enable* or *Disable* the text in idle screen. You need to type the text if you choose to activate it.
Wallpaper	Select the wallpaper to be displayed in idle screen.

Contrast

This menu allows you to set the contrast level of the display screen. Select *Contrast* and press ◂ / ▸ to adjust the contrast level by level.

Backlight

This menu allows you to select the backlight duration among *Always On*, *5 Seconds*, *15 Seconds*, *30 Seconds* and *45 Seconds*.

Sounds

This menu allows you to set the ring of the incoming call, new message and so on. It also allows you to set the ring tone, volume of the ring and the alert type so that your phone fits all kinds of environments. Select *Sounds* to access the following options:

Ringtones	Allows you to select the ring for the *Incoming call*, *Message* and *Key tone*.
Volume	Allows you to set the volume of *Call*, *Ring tone* and *Key tone* to different levels.
Alert type	Allows you to select *Ring only*, *Vibrate only* or *Vibrate and ring*.

Call setup

Call divert

This menu allows you to divert incoming calls to your voice mailbox or a number (whether in your phonebook or not). You can choose the options among *All calls*, *If busy*, *If no reply* or *If out of reach*. When you enter each of these options, you can select to *Check status*, *Activate* or *Deactivate* the call diversion.

Call barring

This menu allows you to limit the use of your phone to specific calls. This can be applied to *All outgoing calls*, *All international calls*, *Only here & home*, *All incoming calls*, or *Incoming calls if abroad*. When you enter each of these options, you can choose to *Check status*, *Activate* or *Deactivate* the call barring. This function is network dependent and requires a specific call barring password supplied by your service provider.

Call waiting

This is a kind of network service. If you select to *Activate* this feature, the phone will inform you during a call when another person is trying to reach you. Otherwise, if you select to *Deactivate* this feature, the phone will not inform you and the person who is dialling will hear the busy tone or the call will be diverted to another phone (if your phone is set to *If busy*). You can also choose *Check Status* to check the call waiting status.

Auto redial

Allows your phone to redial the number at intervals automatically if the call you make is not

answered. Select *Enable*/*Disable* to activate or deactivate this function.

Caller ID

Allows you to show *Hide number* or *Show number* (that is, your phone number to your correspondent). You can also select *Set by network*.

Network settings

This menu allows you to select the service network. You can select:

Automatic mode	Your phone will automatically select and register to an available network.
Manual mode	Provides you with a list of available network in the area. Select the network you wish to register with and press [−] *Ok* to confirm.

You can select a network other than your home network only if it has a valid roaming agreement with your home network. If you change the network, some problems may arise during the operation of your phone.

Factory default

This menu allows you to restore your phone to its factory settings. Enter the phone code and press [−] *OK* to confirm.

Once you have entered the correct password (same as your Phone Lock Password, default value is 0000), your phone will be restored to its factory settings.

9. FM Radio

This menu allows you to listen to the radio on your phone. To tune to a radio station, always plug the supplied earphone into your phone.

Auto tune

In FM radio, press [−] *Options* > *Auto tune*. Your phone will search radio stations automatically. Up to 10 available radio stations are saved to *Radio preset*.

When the auto tune is in process, all the keys are unavailable except [⏻] and [−].

Manual tune

Short press [*] or [#] to increase or decrease the radio frequency by 0.1 MHz.

Keys operation

Key	Operation
[−] *Radio*	In idle mode, press [−] to access FM radio.
◂ or ▸	After the auto tune is over, you can press ◂ or ▸ to play the previous or next radio station from the preset list.
▲ or ▼	You can press ▲ or ▼ to adjust the FM radio volume.
[⏻]	Exit the radio menu and return to idle mode.

Press [−] *Options* to carry out the following operations:

Stop	Stop playing the radio and exit the radio application.
Radio preset	Show list of radio stations preset. When you highlight a preset station, you can press [−] *Options* to select *Play*, *Rename*, *Delete* or *Delete all*.
Set frequency	Enter a radio frequency and press [−] *Ok* to listen to the radio station.
Save channel	Save the current radio station to *Radio preset*.

Auto tune	Automatically scan for radio frequency and then save it into the 10 preset stations.
Loud speaker	Select whether to listen to the radio station through the loud speaker.
Play in background	Select *On* or *Off* to choose whether you want to listen to the radio station when you exit the radio application.
Help	Describe terminology and list the keys that are used in the radio application.

Use preset stations

You can use ▲ or ▼ to go through the preset radio stations. If you are currently listening to a non-preset station, press ◀ or ▶ to go to the nearest preset station. You can also press [−] *Options* and select *Radio preset* to display the list of preset stations.

Play in background

If you need to activate other application while listening to the radio, you can press [−] *Options* > *Play in background* and select *On*. Then you can access other menus with radio playing at the background. To deactivate the radio, press [☎].

Stop radio

Press [−] or [☎] to exit the radio menu.

10. STK Applications

The structure and name under this menu are configured by your network operator and stored in the SIM card. The services differ according to the STK provider.

This menu provides value-added services which differ according to the operator. Please check with your operator for details. Phones that support STK will have an additional STK menu and the contents in the menu are presented as defined by the SIM card, which cannot be changed. The menu options may vary according to the STK and may be changed by the network operator.

Icons & symbols

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

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

	SMS message - You have received a new message.
	Battery strength - The more bars you see, the more power you have left.
	Alarm activated.
	Roaming - Displayed when your phone is registered to a network other than your own (especially when you're abroad).
	Keypad lock activated.
	Earphone plugged in.
	Call divert - The *Call divert* function is activated.
	Signal strength - The more bars are shown the better the reception is.
	Vibra - Your phone will vibrate when receiving a call.

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.

- Your phone transmits/receives radio waves in the GSM frequency (900 / 1800 MHz).
- The GSM network controls transmission power (0.01 to 2 watts).
- Your phone complies with all relevant safety standards.
- The CE mark on your phone shows compliancy with European electromagnetic compatibility (Ref. 89/336/EEC) and low voltage directives (Ref. 73/23/EEC).

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.

Change your PIN code after purchasing the phone and to activate call restriction options.

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.

Pacemakers

If you have 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.

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.

Improved performance

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.

Battery information

- 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 Accessories, as the use of any other accessories may damage your phone and will make all guarantees for your Philips phone null and void.

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

Your mobile phone and your car

Studies have shown that speaking on the telephone while driving lowers your 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, install the hands-free car kit which is designed for that purpose.
- Ensure that your phone and car kit do 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 hot weather or after 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.

For your phone, the socket-outlet shall be installed near the phone and shall be accessible.

Environmental care

Remember to observe the local regulations regarding the disposal of the 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.

	The labelled packaging material is recyclable.
	A financial contribution has been made to the associated national packaging recovery and recycling system.
	The plastic material is recyclable (also identifies the type of plastic).

WEEE Marking in the DFU: "Information to the Consumer"

Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

Troubleshooting

The phone does not switch on

Remove/reinstall the battery. Then charge the phone until the battery icon stops scrolling. Unplug from charger and try to switch the mobile on.

Your phone doesn't return to the idle screen

Long press the hangup key or switch off the phone, check that the SIM card and the battery are installed correctly and switch it on again.

The network 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 (especially when abroad), check that the antenna is in place if your mobile has an external antenna, or contact your network operator for assistance/information.

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

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.

Your battery seems to over heat

You might be using a charger that was not intended for your phone. Make sure you always use the Philips authentic accessory shipped with your phone.

Your phone doesn't display the phone numbers of incoming calls

This feature is network and subscription dependent. If the network doesn't send the caller's number, the phone will display *Call 1* or *With held* instead. Contact your operator for detailed information on this subject.

You can't send text messages

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.

You have the feeling that you miss some calls

Check your call divert options.

The display shows No SIM card

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

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

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.

Your phone is not charging

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.

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.

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. You can use it to listen the FM Radio and answer the incoming call.

Trademark Declaration

PHILIPS

PHILIPS and PHILIPS' Shield Emblem are registered trademarks of Koninklijke Philips Electronics N.V. manufactured by Shenzhen Sang Fei Consumer Communications Co., Ltd. under license from Koninklijke Philips Electronics N.V.

SAR Information - International (ICNIRP)

THIS MOBILE PHONE MEETS THE INTERNATIONAL RECOMMENDATIONS FOR EXPOSURE TO RADIO WAVES

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy defined by the international standards. These recommendations have been established by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) and, the Institue of Electrical and Electronics Engineers - Standard Associations (IEEE-SA) that forcast a substantial safety margin for assuring the protection of all persons, regardless of age and health.

The exposure recommendations for mobile phones use a measurement unit known as the Specific Absorption Rate (SAR). The SAR limit recommended by the ICNIRP for the mobile phones used by the general public is 2.0 W/kg in 10g of tissue and, is 1,6W/kg in 1g of tissue by IEEE-SA (IEEE Std 1528) for the head.
Tests for SAR have been conducted using recommended operating positions with the mobile phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at its highest certified power level, the actual SAR levels of the mobile phone while operating are generally below the maximum SAR value.

This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.
While there may be differences between the SAR levels of various phones and at various positions, they all meet the international protection standards for exposure to radio waves.

The highest SAR value for this Philips 193 when tested for compliance against the standard was 0.596 W/kg for ICNIRP recommendation and 0.868 W/kg for IEEE Std 1528.

For limiting the radio waves exposure, it is recommened to reduce the mobile phone call duration or to use a headset. The purpose of those precautions is to take the mobile phone away from the head and the body.

Limited Warranty

1. What Does This Limited Warranty Cover?

   Philips warrants to the original retail purchaser ("Consumer" or "You") that this Philips cellular product and all accessories originally provided by Philips in the sales package ("Product") are free from defects in materials, design and workmanship under normal use in accordance with the operating instructions and pursuant to the following terms and conditions. This limited warranty extends only to the Consumer for Products purchased and used in the original country of purchase. The limited warranty is valid only in Philips' intended country of sales of the product.

2. How Long is The Limited Warranty Period?

   The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase of the Product, documented by valid proof of purchase. The limited warranty for original Philips rechargeable battery extends for six (6) months from the date of purchase.

3. What Will Philips Do if The Product is Not Free From Material Defects in Materials and Workmanship During The Limited Warranty Period?

   During the limited warranty period, Philips or its authorized service representative will, at its option either repair or replace, without charge for parts or labour, a materially defective Product with new or refurbished parts or Product and return such repaired or replaced Product to the Consumer in working condition. Philips will retain defective parts, modules or equipment.

   Repaired or replaced Product will be covered by this limited warranty for the balance of the original limited warranty period or ninety (90) days from the date of repair or replacement whichever is longer. Repair or replacement of Product, at Philips' option is your exclusive remedy.

4. What is Not Covered By This Limited Warranty?

   This limited warranty does not cover::

   a) Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation handling, neglect,

inundation, fire, water or other liquid intrusion; or

b) Product that has been damaged due to repair, alteration, or modification by anyone not authorized by Philips; or
c) Product that has reception or operation problems caused by signal conditions, network reliability or cable or antenna systems; or
d) Product defects or problems caused by uses with non-Philips products or accessories; or
e) Product which warranty/quality stickers, product serial number or electronic serial number has been removed, altered or rendered illegible; or
f) Product purchased, used, serviced, or shipped for repair from outside the original country of purchase, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
g) Product returned without valid proof of purchase or which proof of purchase has been altered or is illegible.
h) Normal wear and tear or Force Majeure.

5. How Do You Get Warranty Service?

a) Return the Product to an authorized service center of Philips. You may contact the local Philips office for the location of the nearest authorized service center.
b) The SIM card must be removed from the Product before it is given to Philips. Philips assumes no liability for damaged or loss of the SIM card or the data contained therein.
c) If the Product failure is not covered by this limited warranty, or this limited warranty is inapplicable, void or invalid due to any terms and conditions stated herein, the Consumer will be charged for the cost of repair or replacement of the Product and all other related cost incurred in repairing or replacing the Product.
d) IMPORTANT - you are required to return the Product together with a valid proof of purchase which must identify the point of purchase, date of purchase, Product model and Product serial number clearly.

6. Other Limitation: This Warranty is The Entire Agreement.

EXCEPT FOR THE EXPRESS WARRANTIES SET FORTH ABOVE AND THOSE IMPLIED BY LAW AND WHICH CANNOT BE EXCLUDED OR MODIFIED BY

AGREEMENT, PHILIPS PROVIDES NO OTHER WARRANTY WHETHER EXPRESS OR IMPLIED (WHETHER BY STATUTE, UNDER THE OPERATION OF LAW OR OTHERWISE) AND SPECIALLY DISCLAIMS ANY WARRANTY OF SATISFACTORY QUALITY MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
PHILIPS' TOTAL LIABILITY FOR DAMAGES RELATING TO OR ARISING OUT OF THE PURCHASE OR USE OF THE PRODUCT, REGARDLESS OF THE TYPE OR CAUSE OF SUCH DAMAGE OR THE FORM OR CHARACTERISATION OF THE CLAIM ASSERTED (E.G. CONTRACT OR TOPIT), SHALL NOT EXCEED THE ORIGINAL PURCHASE PRICE PAID FOR THE PRODUCT.

HOWEVER IN NO EVENT SHALL PHILIPS BE LIABLE FOR ANY PUNITIVE, SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO THE LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERIAL LOSS, LOST PROFITS, LOST BUSINESS OPPORTUNITIES, COST OF SUBSTITUTION OF GOODS OR SERVICES, INVESTMENTS, DAMAGE TO GOODWILL OR REPUTATION, OR LOSS OF DATA AND CLAIMS BY THIRD PARTIES) RESULTING FROM PURCHASE OR USE OF THE PRODUCT, TO THE FULLEST EXTENT ALLOWED BY LAW, WHETHER OR NOT PHILIPS HAS BEEN ADVISED OF THE POSSIBILTY OF SUCH DAMAGES. THESE LIMITATIONS SHALL APPLY NOTWITHSTANDING THE FAILURE OF THE ESSENTIAL PURPOSE OF ANY LIMITED REMEDY.

This limited warranty represents the complete and exclusive agreement between the Consumer and Philips with respect to this cellular Product and it supercedes all prior agreements between the parties, oral or written, and all other communications between the parties relating to the subject matter of this limited warranty. No carrier, retailer, agent, dealer, employee, thereof, or employee of Philips is authorized to make modifications to this limited warranty and you should not rely on any such representation.

This limited warranty does not affect the Consumer's statutory rights under applicable national laws in force.

Declaration of Conformity

We,

Shenzhen Sang Fei Consumer Communications Co., Ltd.
11 Science and Technology Road,
Shenzhen Hi-tech Industrial Park,
Nanshan District, Shenzhen 518057,
China.

declare under our sole responsibility that the product

Philips 193
Cellular Mobile Radio GSM 900/1800
TAC: 35579002

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

SAFETY (art 3.1.a): EN 60950-1:2006

HEALTH(art 3.1.a): EN 50360: 2001; EN 62209-1: 2006

EMC (art 3.1.b): ETSI EN 301 489-1 v 1.6.1; ETSI EN 301 489-7 v 1.3.1

SPECTRUM (art 3.2): ETSI EN 301 511 v9.0.2

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 V of Directive 1999/ 5/EC has been followed related to articles 3.1 and 3.2 with the involvement of the following Notified Body: CETECOM ICT Services GmbH, Unterturkhelmer Strabe6-10, 66117, Saarbrucken, Germany-

Identification mark: **0682**

July 7th, 2008

Quality Manager