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 press to save.
Make a call	Enter the phone number using the keypad and press to dial.
Make an IP call	Enter the phone number using the keypad. Press and select IP call (if the IP prefix is already stored in the phonebook, it will be added automatically) and the number will be dialled.
Answer a call	Press when your phone rings.
End a call	Press .
Reject a call	Press when your phone rings.
Adjust earpiece volume	Press the or during a call.
Access Phonebook	Press in idle mode.

Access main menu	Press in idle mode.
Switch to silent mode	Long press key in idle mode to toggle between the meeting mode and normal mode.
Return to previous menu	Press .
Quickly return to idle mode	Press .

The Left/ Right key

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 GSM 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 upwards. 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 top 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 down 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 Settings”.

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 bottom of the phone and ensure that the arrow symbol on the charger is facing upwards 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 are not using 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, quickly press twice 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 "Phone Book" for more information).
3. Press to hang up.

Make an Emergency call

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 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 answer the call:** press .
- **To reject the call:** press .
- **To hang up:** press .

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

If you have selected *Any key answer*, you can answer a call by pressing any key, except and .

Options during a call

During a call, press *Option* to access the following options:

- Put the call on *Hold*
- *Mute* the call
- *New call*
- *New SMS*
- Access *Contacts*

Adjust earpiece volume

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

Lock/Unlock the keypad

To lock/unlock the keypad, long press in idle mode.

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 dialled. You can then press to access the following options:

- *Switch* to toggle between 2 calls.
- *Conference* to introduce the caller into a conference call.

Answer a second call

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

Press	To answer the call (the first one is put on hold).
Press or	To reject the call.
Press *Option*	To access options list. You can select *Hang up* and then *Active* to end the current call and answer the incoming call.

3. Text or number Entry

Input Method

Your phone supports 4 types of input methods:
Multitap ABC/Abc/abc
Smart ABC/Abc/abc
Numeric
Symbols

During text editing, long press * to switch between languages and short press * to switch between the different input methods. The status bar at the top of the screen will display the current input method. [ABC], [Abc] and [abc] represent Multi-tap upper, Smart Multitap and Multi-tap lower case English input respectively, [ENG], [Eng] and [eng] represents Smart English upper, Smart English and Smart English lower case input respectively, [123] represents numeric input.

Function keys

	Delete the characters on the left of the cursor or exit from 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.
	Enter symbols.
	Switch input mode.

Multi-tap ABC/Abc/abc Input

1. Press once on the numeric key (2 to 9) to enter the first letter on the key, press twice to enter the second letter on the key, so on and so forth. If the letter you wish to enter and the one you have just entered are on the same key, just wait for a few seconds for the cursor to re-appear.
2. Press to delete the characters on the left of the cursor.

You can press key 0 to insert a space in ABC/abc Multitap input mode.

The letters located on each key are as follows:

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/abc Input

Smart English input method offers a faster way for you to enter English words.

1. You only need to press once on the numeric key (2 to 9) corresponding to each letter needed to spell a word. As you enter the letters, the words displayed on the screen will be updated accordingly.
2. Press C to delete the entries on the left of the cursor.
3. Use the navigation key to select the desired word and press OK to enter it.

Numeric input

1. Press the numeric keys (0 to 9) to enter the numbers corresponding to the keys.
2. To delete a number, press C.

Symbol Input

1. Press * to view the input method list and press Left/Right to select the desired symbol. Press OK to enter.

4. Phone Book

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 300 names). When adding new contacts, the contacts will only be added to the phonebook you have selected.

Manage contacts

Select a name from the phone book list and press *Option* to access the following options:

View detail	*Find*
Create	*Display type*
Copy	*My number*
Move	*Memory status*
Delete	

Create new contacts

1. Enter *Phonebook* in idle mode. Press *Option* and select *Create*. Select the storage location and press *Select*.
2. If you select *SIM*, you need to enter the name and number. After you have entered the name, press *OK*. Then enter the phone number and press *OK*.
3. If you select *Phone*, the procedures will be the same as above. You can enter the contact's name, office number and home number.

Copy phonebook

You can copy the current or multi contacts in your phone to your SIM card and vice-versa.

1. Enter *Phone Book* in idle mode. Press *Option* and select *Copy current* or *Multi-copy* and press *Select*.
2. Select *From SIM* or *From phone*. If you choose *Multi-copy*, you have to press *Option* and *Select* which contacts you wish to copy. Press *Option* and *OK* to confirm.
3. A confirmation prompt will be displayed on the screen. Select *OK* to confirm the operation or select *Cancel* to cancel the operation.

Move a phonebook entry

1. Enter *Phonebook* in idle mode, Press *Option* and select *Move current* or *Multi-move* and press *Select*.
2. Select *From SIM* or *From phone*. If you choose *Multi-copy*, you have to press *Option* and *Select* which contacts you want to move. Press *Option* and *OK* to confirm.
3. A confirmation prompt will be displayed on the screen. Select *OK* to confirm the operation or select *Cancel* to cancel the operation.

Delete contacts

1. Enter *Phonebook* in idle mode and select *Delete* or *Multi-delete*.
2. If you choose *Multi-delete*, you have to press *Option* and *Select* which contacts you want to copy. Press *Option* and *OK* to confirm.
3. A confirmation prompt will be displayed on the screen. Select *OK* to confirm the operation or select *Cancel* to cancel the operation.

Search for a contact in the phonebook

1. Allows you to look for a contact in the phonebook. Press in idle mode to access the phone book menu. Then press *Option* > *Find*. Enter the name or number that you want to search and press *OK*; or
2. Press in idle mode to access the phone book list directly or press to enter *Phonebook* and press and *Select* your contact from the list. Press the key that corresponds to the letter you wish to search (e.g. press key three times to access the letter V). The first record starting with this letter in the list will be selected.

Display type

Allows you to select the items to be displayed in the phonebook list. You can choose to display either *Name* or *Name and number*.

My Number

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

Although all the fields can be empty, you cannot delete My Number.

Memory Status

Displays the total number of contacts you can store and the free spaces you can have in SIM and phonebook memory.

5. Messages

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.

Write message

To compose and send an SMS, follow the steps below:

1. Select *Create* and press [ ] *Select* to access the following options:

To:	Select *Edit receiver* to enter the recipient number directly or press *Phonebook* to select a number.
Content:	Write or edit your message.

2. When you finish writing your message, press [ ] *Option* to access the next options:

Edit content	Edit your message.
Send	Send the message
Insert contact	Enter the contact list for multiple contact selection.
Insert template	Insert preset SMS text.
Save	Save the message in drafts folder.

When you send a message via the SMS network, your phone may display Sent. *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.

When a message is displayed, press [ ] to read it, then press [ ] *Option* to access the following menu options:

Read	Read the selected SMS.
Reply	Reply to the sender.
Delete	Delete a selected message.
Move to my folder	Move the selected message to *My folder*.

Forward	Forward the selected message.
Multi-delete	Delete selected messages.
Delete all	Delete all messages in the Inbox.

Sent

When you send a message, the messages will be stored in *Sent*.

When you are in the Sent message list, press *Option* to access the following options:

Read	Read the selected SMS.
Delete	Delete a selected message.
Forward	Forward the selected message.
Move to my folder	Move the selected message to *My folder*.
Multi-delete	Delete selected messages.
Delete all	Delete all messages in the Outbox.

When a message is displayed, press *Option* to access the following options:

Delete	Delete the selected message.
Forward	Forward the selected message.

Drafts

This menu lists all SMS you have saved but not sent. Press *Select* to select a message and press *Option* to access the following options:

Read	Read the selected message.
Edit	Edit the message before sending.
Delete	Delete the selected message.
Multi-delete	Delete selected messages.
Delete all	Delete all messages in the Outbox.

My folder

This menu allows you to move your SMS from your *Inbox* to *My folder*. Press *Select* to select a message and press *Option* to access the following options:

Read	Read the selected message.
Delete	Delete the selected message.
Multi-delete	Delete the selected messages.
Delete All	Delete all messages in the Outbox.

Settings

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

SMS center	Select your default SMS centre. **If not available on your SIM card, you must enter your SMS centre number.**
Validity period	Select the length of time your messages will be stored in the SMS centre. This is useful when the recipient is not connected to the network (and thus cannot receive your message immediately). **This feature is subscription dependent.**
Delivery report	When *On*, this option will notify you via SMS whether your recipient has received your SMS. **This feature is subscription dependent.**
Storage location	This option allows you to select the preferred location to store your messages (i.e. in SIM or in Phone).

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 *Edit* to enter the number.

To listen to voice mail you can select *Answer*.

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

Memory status

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

Cell Broadcast Message

Cell broadcast messages are public messages broadcasted to a group of mobile users. The messages are broadcasted 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

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.

Channel list

Press to access channel settings. You can *Select*, *Add*, *Edit* or *Delete* channels.

6. Call History

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 (*Missed calls*, *Outgoing calls* and *Answered calls*) are represented by different icons. They 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.

Missed calls

This menu allows you to view the recent unanswered calls. Select an item and press *Option* > *View detail* to view the name, date, time and the number of times you have missed each call.
Press *Option* to access the following options:

View detail	View the contact information.
Call	Dial the number.
IP call	Make an IP call.
Send SMS	Send message to the contact.
Save	Save the number.
Delete current	Delete the current number.
Delete all	Delete all numbers.

Outgoing calls

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

Answered calls

This menu allows you to view the recent calls received.

Calls duration

This menu allows you to view total *Outgoing*, *Answered* and *Last call time* (displayed in hours, minutes, seconds). You can press *Clear* 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. Settings

This menu allows you to change the settings associated with each available option in your phone (time and date, security, call divert, etc.).

Phone Settings

Ringtone

Allows you to select a ringer tone for the incoming call, SMS, alarm and schedule. Press *Select* and scroll through the list and wait to hear the selected melody being played.

Time and Date

Allows you to set the time and date using the keypad or navigation keys. Press *Select* and you can set the following:

Date &Time	Enter the date/time using the keypad.
Date/ Time Format	Set *Time Format* and *Date Format*.

Language

Allows you to select a language for all the menu texts. Press or to browse the list of languages and press *OK*.

Backlight time

Allows you to set the backlight duration among *10s*, *20s*, *30s* and *60s*.

Auto key lock

Allows you to lock your keypad automatically in idle mode. You can choose *On* or *Off* to enable or disable this function.

To quickly lock the keypad you can press .

Call Settings

Any key answer

Select to turn *On*/*Off* any key answer.

Call diversion

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

Unconditional	Will divert all voice calls.
When busy *No reply* *Not reachable*	Allows you to choose in which circumstance you want to divert the incoming calls.
Cancel divert	Will cancel all diverting options.
Status	Check the diversion status.

Call waiting

This is a kind of network service. If you select *On*, the phone will inform you during a call when another person is trying to reach you. Otherwise if you select *Off*, 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*).

Auto redial

Allows your phone to redial the number at intervals automatically if the call you make is not answered. Select *On*/*Off* to activate or deactivate this function.

Auto answer

Allows your phone to pick up the call automatically. Select *On*/*Off* to activate or deactivate this function.

The auto answer menu can be activated only when the earphone is used.

Flash dial

Allows you to quickly dial the number stored in your phonebook. You can set a maximum of 8 speed dial numbers, so that a long press on the numeric key will dial the number associated with that numeric key.

Minute reminder

Allows you to select whether or not to receive alerts durng a call. The alert will be emitted at 50 seconds per minute interval. You can press to select *On*/*Off* to activate or deactivate this function.

IP code

Allows you to store the IP service number so that you need not enter the number before you make an IP call. Enter your IP number with the keypad and press *OK* to confirm.

Connection tone

Allows you to select whether or not to receive alerts when your call is established. You can press to select *On*/*Off* to activate or deactivate this function.

Security Settings

Call barring

This menu allows you to limit the use of your phone to specific calls by letting you bar both outgoing and incoming calls. This function is network dependent and requires a specific call barring password supplied by your service provider.

The *Incoming calls* menu allows you to select *Bar incoming* or *Barring incoming calls when Roaming*.

The *Outgoing calls* menu allows you to select *Bar outgoing international*, *To domestic only* or *Bar outgoing calls*.

The *Cancel all* menu allows you to remove all barring functions.

The *Modify password* menu allows you to change the barring password.

SIM password

This menu is used to activate/ deactivate the PIN Lock and change the PIN password.

PIN lock

PIN (Personal Identification Number) Lock is used to prevent SIM card from unauthorized use. The PIN is supplied with the SIM card. The service provider supplies the default value. Select *On*/*Off* to activate or deactivate this function.

If you key in an incorrect PIN code three times in succession, the PIN code of SIM will lock and the phone will ask you to enter the PUK Code.

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

If you key in an incorrect PUK code ten times in succession, the SIM card will be locked forever.

Phone lock password

PIN password protects your phone against unauthorized use by other people. The password is necessary when you delete all data or restore factory settings. The phone lock password is given to you by your service provider.

Network Settings

This menu allows you to select the service network.

Current network	Shows the information of the current network you use.
Auto select	Your phone will automatically select and register to an available network.
Manually select	Provides you with a list of available network in the area. Select the network you wish to register with and press 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.

Reset

This menu allows you to restore your phone to its factory settings. Press *OK* to confirm.

Once you have entered the correct password (same as your Phone Lock Password, default value is 1122), your phone will be restored to its factory settings.

8. Profiles

This menu allows you to set the ring of the incoming call, new message and so on. It also allows you to set alert type, volume of the ring and answer mode and backlight etc so that your phone can fit all kinds of environments. Select *Normal* or *Meeting* and press *Option* to access the following options:

Activate	Activate the selected profile.
Volume	Allows you to set the volume of *Ring Tone* and *Receiver* to one of the seven levels.
Ringer type	Includes *Incoming*, *SMS*, *Alarm*, *Schedule* (*Ring tone* and/or *Vibrate*).
Key tone	Select *On*/*Off* to activate/deactivate.
Pwr on tone	Select *On*/*Off* to activate/deactivate.

9. 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 .
2. Select the status and set it *On*.
3. Enter the time.
4. Select the period: *Once*/ *Daily*/ *Working day*/ *Weekend*.
5. Edit the alarm name.
6. Repeat the above steps to set other alarms.

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.

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

Schedule

Allows you to create, store and manage events in your scheduler. Press to access the following options:

Input date	Enter the date of the event.
Create	Create a new event.
Schedule	Display the list of events.
Memory status	Display the memory available in your phone.

The scheduler shares the mobile memory capacity with other features (phonebook, SMS etc).

Calculator

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

1. Enter the first figure. For decimal point, minus sign, and delete figures, press *Option* to select.

You can also press to insert the decimal point directly.

2. Press Option to select Add, Substract, Multiply, or Divide.
3. Enter the second figure.
4. Press Option and select Equals to get the result.

The result of the calculator is indicative. The calculation accuracy is up to 9 decimal places maximum. The result is then truncated after the 9th decimal digit for the next operation.

10. Games

Games

Select a game and press . For details regarding a certain game, please refer to the onscreen instructions.

11. STK

STK

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

This menu provides value-added services and the service 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.

	Silent - Your phone will not ring when when receiving a call.
	Meeting mode - Your phone will vibrate only when receiving a call.
	SMS message - You have received a new message.
	New message - Create a new message with the right soft key.
	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.
	SIM memory full - The SIM's memory is full. Delete items to store new ones.
	Memory full - The phone and SIM's memory are all full. Delete items to store new ones.
	Main Menu - Go to the main menu.
	Call forward - The phone is in calls-forward state.
	Signal strength - The more bars are shown the better the reception is.
	Vibra - Your phone will vibrate when receiving a call.
	Missed call - You have a missed 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.

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 battery should not be disposed of with general household 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).

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 *Withheld* 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 INSERT SIM

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. And you can select "auto" option in answer mode. If this option status is "on", your phone will automatically answer the incoming call in 5 or 10 seconds.

Trademark Declaration

Tegic Euro. Pat.
App. 0842463

T9® is a trademark of Tegic Communications Inc.

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) 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 phone used by the general public is 2.0 W/kg in 10g of tissue for the head.

Tests for SAR have been conducted using recommended operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the 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 180 when tested for compliance against the standard was 1.74 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the relevant international guidelines for RF exposure.

For limiting the radio waves exposure, it is recommended 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,
Philips Electronics Hong Kong Ltd
Business Group Mobile Phone
5/F, Philips Electronics Building
5 Science Park Avenue
Shatin New Territories
Hong Kong

declare under our sole responsibility that the product
CT 0180
Cellular Mobile Radio GSM 900/1800
TAC: 35208201

to which this declaration relates, is in conformity with the following Standards:
EN 60950, EN 50360 and EN 301 489-01/07
EN 301 511 v 9.0.2

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: PHOENIX TESTLAB GmbH, Koenigswinkel 10D-32825 Bloomberg, Germany.
Identification mark: **0700**

July 11th, 2006

Quality Manager