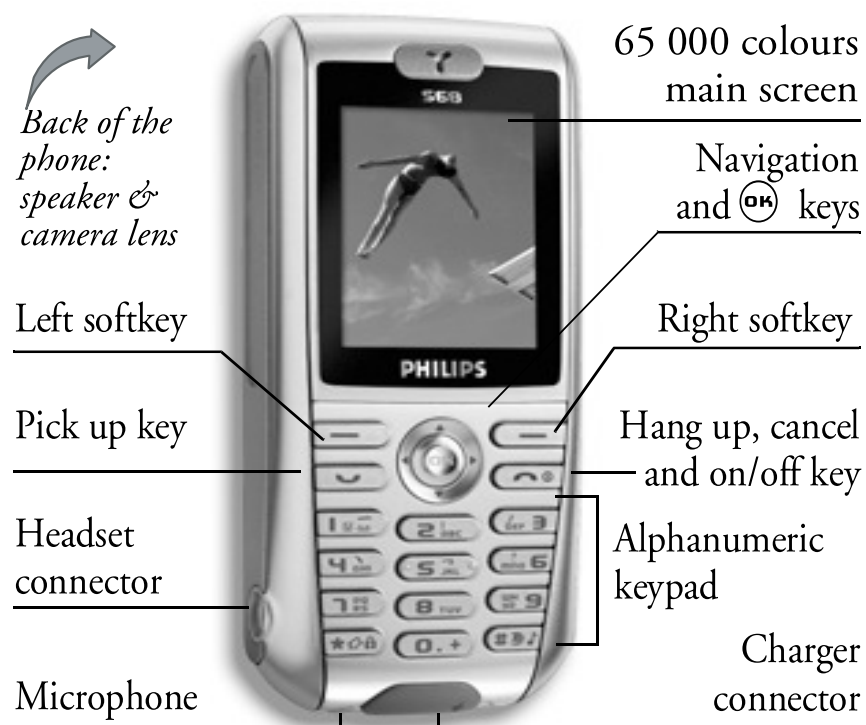




PHILIPS

Discover your phone



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How to...

Switch the phone On/Off	Long press  .
Enter your PIN code	Enter your PIN code using the keypad and press OK or  to confirm.
Make a call	Enter the phone number on the keypad and press  to dial.
End a call	Press  .
Answer a call	Press  when your phone rings.
Reject a call	Press  when your phone rings.
Set the conversation volume	Press  or  during a call.
Activate/deactivate the loudspeaker	Long press  during a call.
Access the main menu	Press OK in idle mode.

Access the Contacts	Press ▼ in idle mode.
Manage the Contacts	Browse the list by moving ▲ or ▼ and press  to call the selected name.
Activate/deactivate the Silence mode	Long press  in idle mode.
Lock/unlock the keypad	Long press  (the keypad is automatically unlocked when receiving a call).
Set the ringer volume	Press  and select Settings > Sound > Ringer volume .
Access the Call list	Press ▲ in idle mode. The Call list displays the Calls missed , the Calls received and the Calls dialled .
Go to previous menu	Press  or ◀.
Quickly return to idle when browsing menus	Press and hold  .

View the last call made	Press  in idle mode.
Use the fast access softkey	Press ► when in idle mode to access or change the feature set on the softkey.

The matrix

The matrix is the graphic representation of the menus, featuring the icons. Each icon represents a feature or operation of your phone.

Press  to access the matrix when in idle mode, then press ▲, ▼, ◀ or ► to browse the icons and lists, or press the keys    to   for a direct access to the option or feature of your choice (the key mapping also applies to lists).

When navigating in a list, a scroll bar located on the right hand side of the screen shows your actual position in the list.

*Within lists, press ► or  to access the options related to the selected item, press ◀ or select **Cancel** to go back one level.*

Softkeys

The right  and left  softkeys located on top of the keypad allow you to select the corresponding options displayed on the screen, including during calls. These keys are contextual: they will vary according to the current context.

Also, some events may modify the idle screen (missed call, new message, etc.). Press  to access the corresponding menu.

An option allows you to configure these keys (as well as keys  to ) for a direct, fast access to your favorite features or your preferred numbers (see “Set a flash softkey” page 5 for details).

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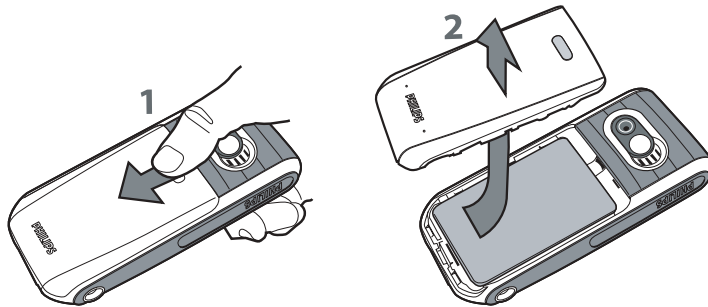
1 • Getting started

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

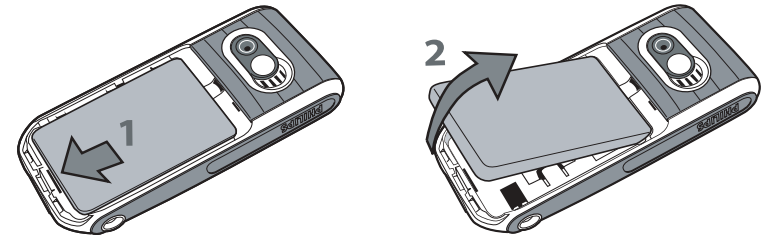
To use your phone, you must insert a valid SIM card supplied by your GSM operator or retailer. The SIM card contains your subscription, your mobile number, and memory in which you can store phone numbers and messages (see "Contacts" page 17).

Insert the SIM card

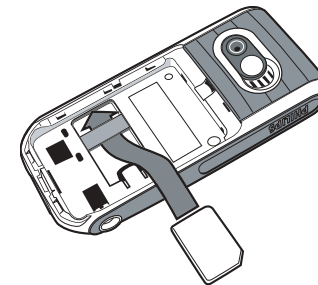
1. Press on the back cover of your phone as shown below and slide it downwards to remove it.



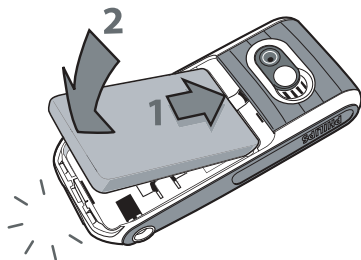
2. If needed, remove the battery: press the inner clip downwards, then remove the battery by pulling it from the bottom.



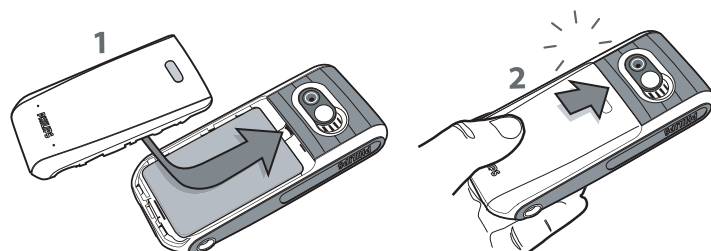
3. Remove the SIM card from its holder and insert it under the metal clip holder, until it stops. Be careful that the clipped corner of the card is in the correct corner.



- Slide the battery back into its slot, metallic connectors downwards, until it stops. Then lock it by pushing it downwards.



- Replace the back cover by sliding it into its slots, until it stops.



- Remove the protective film covering the screen and the camera lens before using the phone.

Switch on the phone

To switch on the phone, press the  key. Enter the PIN code if required (i.e. the 4- to 8-digit secret code of your SIM card). It is preconfigured and

communicated to you by your operator or retailer. To personalise the PIN code, see page 25.

If you enter an incorrect PIN code 3 times, your SIM card will be blocked. To unblock it, you must request the PUK code from your operator.

Copy the SIM phonebook

The mobile phone detects a SIM card that already contains names and a message asks you if you want to copy your SIM phonebook onto the built-in phonebook. Press  to refuse or  to accept. For complete information about phonebooks, see “Contacts” page 17.

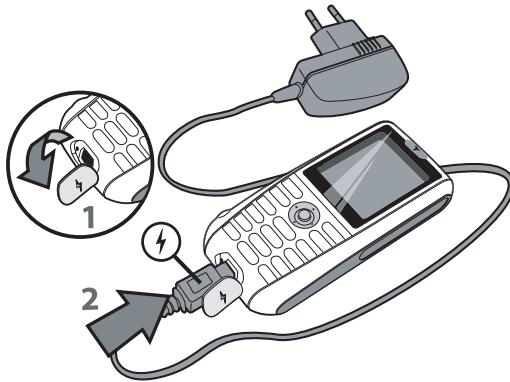
Charge the battery

Your phone is powered by a rechargeable battery. A new battery is partially charged and an alarm will warn you when the battery reaches low.

You may lose all your personal settings if you remove the battery when the phone is switched on.

- Once the battery and battery cover are clipped on the phone, plug the connector of the provided charger into the socket at the base of

the phone on one end, then plug it into a main AC power socket.



2. The battery symbol indicates the state of charge:
 - during charging, the 3 charge indicators scroll; it takes around 2.5 hours to fully recharge your mobile phone.
 - when all 3 bars are steady the battery is fully charged: disconnect the charger. Depending on the network and condition of use, talk time goes up to 4 hrs and stand-by time up to 300 hrs.

Keeping the charger plugged to the mobile when the battery is fully charged doesn't damage the battery. The only way to turn off the charger is to unplug it, so use an easily accessible AC power socket. You can connect the charger to an IT supply (Belgium only).

2 • Main features

Access and view the phonebook

In idle mode, press ▼. During a call, press  or  **Menu**, select **Contacts**, then press  or  **Select** to display the list. Press  to return to the in-call screen.

Enter the first letters of your contact's name to jump directly to that name.

Make a call

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

*For an international call, press and hold  to enter the «+» sign instead of the usual international prefix. Then press  **List** to access the list of country codes.*

Answer and end a call

When receiving a call, the number of the caller may be displayed. If you stored his/her number, his/her name is displayed instead of the number.

1. To answer the call, press .
2. To reject a call, press . If you have activated **Divert** (see page 44), the call is diverted to a number or voice mail.
3. To hang up, press .

The phone will not ring if in silence mode (see below). If you have selected Any To Answer (see page 44), you can accept a call by pressing any key (except ).

See and hear who's calling

This feature is available only when selecting the phonebook in the phone (not the one in the SIM card).

This feature allows you to link one or several names to a group. When a name in that group calls, it will appear along with the corresponding picture and the melody defined for that group will ring. Refer to “See & hear who's calling” page 19 for details.

Set a flash softkey

The right  and left  softkeys located on top of the keypad allow you to select the corresponding options displayed on the bottom of the screen in idle mode. These keys can be configured as follows:

1. Press either key, then press  **Change**.
2. Browse the list of available options.
If you want the softkey to dial a number, select **Phone number** and press  **Select**, then choose a name in the contacts list. Press  **Select** to link this name to the softkey.
3. Back to idle, press the configured key to launch the corresponding feature or dial the number.

For speed dialling, keys  to  can also be set as flash hotkeys:

1. Press and hold the key of your choice, then select the feature you wish to link to that key.
2. Back to idle, long press the configured key to launch the corresponding feature or open the menu.

Take a picture

Your mobile phone features a camera, allowing you to take pictures and send them to your friends and relatives. See “Camera” page 13 for complete information on this subject.

Call handsfree

For your own comfort and safety, ensure you move the phone away from your ear when calling handsfree, especially when increasing the volume.

Make a call. Once the connection is established, press  or  **Menu**, select **Loudspeaker**, then press  or  **Change** to set in **On**. Repeat to set it **Off** (changes are automatically taken into account).

Put the call on hold

During a call, simply press  **Onhold**. To retrieve the call, press  **Return**.

Change the ringer

Navigate to **Settings** > **Sound** > **Ringer**, press  **Edit**, then  **Change**. Browse the list and press  **Select** to confirm your choice, then  **Save**.

The above applies to incoming calls. This menu also allows you to change the Ringer of Alarms, SMS/MMS & Cell broadcast. See page 21 for details.

Activate the silence mode

If you don't want your phone to ring when you receive a call, deactivate the ringer by selecting **Settings** > **Sound** > **Ringer volume** and press **Edit**. Press until the volume is off, then **Save**.

Activate the vibra alert

If you want your phone to vibrate when you receive a call, activate the vibra alert by selecting **Settings** > **Sound** > **Vibrator alert**, then press or **Change**. Press or to select **On**, **Off** or **Within sound**, then **Select**. Press or to go back to the **Sound** options.

Activating the vibra doesn't mute the ringer. If you want to both mute it and keep the vibra on, activate the silence mode as described above.

Read your mobile phone number

To read your own mobile phone number, press when in idle mode and select **SIM entries**. Then select

Own number: your number is displayed if present on your SIM card. If not, select **<Empty>**, press **Edit**, then follow the instructions.

Adjust the earpiece volume

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

Mute/unmute the microphone

To mute the microphone so that your caller cannot hear you, press **Menu** during the call, select **Mute**, then press or **Change** to **Mute**. Repeat to **Unmute** (changes are automatically taken into account).

Clear the call lists

To clear your call lists, press in idle mode to access the **Calls missed**, **Calls received** and **Calls dialled**. **Select** the list you want to clear, press **Options**, then **Delete all**. Press **Select** to delete all calls at once, confirm with **Yes**.

Clear the phonebook

To clear the content of either phonebook at once, select a contact and press **Options**. Select **Delete all**, press **Select** and confirm with **Yes**.

3 • Menu tree

The table below describe the complete menu tree of your mobile phone, and the page reference you should refer to for more information concerning each feature or setting.



Settings p21

Sound p21

Ringer / Ringer volume / Vibrator alert / Key tones / Composer

Display p22

Wallpaper effects / Screen saver / Backlight / Contrast / Brightness

Language p23

List of the available languages to choose from.

Device p23

Auto key lock / Own greeting / T9 Input / Check status

Network p23

Line / Configuration / GPRS info / Bearer settings / Transfer rate

Security p25

Codes / Protected SIM only / This SIM only



Operator services p48

Service numbers

The numbers available in this menu are operator and subscription-dependent, please check with your operator.

WAP p48

Homepage / Favourites / Profiles / WAP push setting

Services +

This menu is operator and subscription-dependent, please check with your operator.



Messages p27

SMS p27

New SMS / Predefined text / Inbox / Draft / Outbox / SMS setup / Memory status

MMS p29

New MMS / Inbox / Draft / Outbox / MMS Setup

E-Mail p33

New Email / Inbox / Draft / Outbox / Receive / Email setup

Voice msg. p35

Cell broadcast p35

Broadcast / Read new CB / Topic list / Auto display / CB languages



Contacts p17

SIM entries p17

List of the names saved in the SIM card and related options.

Groups p18

List of the available groups and related options.



Multimedia & Demo mode p37

Picture album p37

List of all photos & photo folders and related options.

Video album p38

List of all videos & video folders and related options.

Sound album p38

List of all sounds & sound folders and related options.

Voice memo p38

List of all voice memos & voice memo folders and related options.

Memory status p39

Global status overview.



Demo mode p39



Call info p44

Call settings p44

Divert / Any to answer / Call waiting / Minute beep

Call list p45

Missed calls / Calls received / Calls dialled

Time/charges p45

Last call / All calls / Remaining units / Incoming call / Outgoing calls

Charge settings p46

Currency / Cost/unit / A/C limit / Auto display

Erase records p46

Barrings p46

All outgoing / Outgoing intern. / Out. int. or home / All incoming / When roaming / Change password / Status check / Clear all

User group p47

User group / Select group / Outg. access / Pref. group



Games & Applications p40

Games p40

Pre-installed / My games & more

Organiser p41

Calendar / Appointments / Missed appts.

Clock p41

Alarm clock / Countdown / World clock / Auto off

Calculation p42

Calculator / Currency converter

PC software link p43



Camera p13

Activate p14

List of the available options.

Video p14

List of the available options.

Settings p15

Resolution / Quality / Brightness / Special
effects / Nightshot / Light frequency / Frame
rate / Default setting

4 • Text or number entry

Text can be entered in editing screens in two different ways: by using T9[®] predictive Text Input, or basic text input. Two other modes for numbers and punctuation marks, are also available. Icons appearing on the screen show the active text mode.

T9[®] Text input

What is it?



Tegic Euro. Pat.
App. 0842463

T9[®] predictive Text Input is an intelligent editing mode for messages, including a comprehensive dictionary. It allows you to quickly enter text. Press only once on the key corresponding to each letter needed to spell a word: keystrokes input are analysed and the word suggested by T9[®] is displayed in the edit screen. If several words are available according to the keys used, the word you entered is highlighted: press ◀ / ▶ or  to browse the list and to choose from those proposed by the T9[®] built-in dictionary (see example below).

You can choose the language in which your message will be written by selecting Settings > Device > T9 Input.

How to use it?

Alphabets and symbols represented by each key are as follows:

-  to  To key in letters and numbers.
-  Short press: full stop.
Long press: 0.
-  To browse the list of candidate words.
-  or ▶ To confirm entry and/or insert a space.
-  To clear an entry.
-  To quit the editing window, whether you save the message or not.
-  **Short press:** to shift from Standard, to lower, to UPPER case to numbers, in T9[®] or basic text mode.
Long press: to display the punctuation and symbols table which you can browse using the navigation key.



Short press: to shift from T9® to basic mode.

Long press: to display the list of available text editing modes.

Example: 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 scroll and select **Home**.
3. Press **OK** or **✓** to confirm selection of the word **Home**.

How to save personal words?

When you enter a word and browse the T9® dictionary but cannot get the word you wish, press **—** **Spell**. Enter the word in the window that appears and press **—** **Save** to store it in the T9® dictionary.

Basic text input

If you wish to access the basic text input, press ***⏏**. This method requires multiple key presses to reach the desired character: the letter "h" is the second letter on the **4** **GHI** key, so you must press it twice to enter "h".

Example: how to enter the word "home"

Press **4** **GHI**, **4** **GHI** (**GHI**) **6** **MNO**, **6** **MNO**, **6** **MNO** (**MNO**), **6** **MNO** (**MNO**), **3** **DEF**, **3** **DEF** (**DEF**). Press **OK** when the message is completed.

Letters, numbers and symbols are located on each key as follows:

Short press	Long press
1 123 space 1	1
2 ABC a b c 2 à ä ç A B C	2
3 DEF d e f 3 é è D E F	3
4 GHI g h i 4 ì G H I	4
5 JKL j k l 5 J K L	5
6 MNO m n o 6 ö ñ ò M N O	6
7 PQRS p q r s 7 ß P Q R	7
8 TUV t u v 8 ü ù T U V	8
9 WXYZ w x y z 9 æ ø å W X Y Z Æ Ø Å	9
0 + Full stop	0

5 • Camera



Your mobile phone features a digital camera that allows you to take pictures and record short videos, store them in your phone, use them as wallpaper or send them to your friends.

How to...

Activate/deactivate the camera to take pictures	Press OK and select Camera > Activate . Press ESC to deactivate.
Zoom in/out	Press ▲ (zoom in) or ▼ (zoom out) when the camera is active.
Adjust exposure	Press ◀ or ▶ when the camera is active.
Take a picture	Press OK when the camera is active.
Save the picture	Press ESC Save right after the shot.

Delete the picture Press **ESC** **Delete** right after the shot.

Activate/deactivate the video camera Press **OK** and select **Camera** > **Video**.
Press **ESC** to deactivate.

Access the options Press **ESC** **Options** after you have saved the picture or the video.

Record a video Press **ESC** **Record** when you activated the camera within the **Video** menu.

Save the video Press **ESC** **Yes** when the **Save to album?** window appears.

Delete the video Press **ESC** **No** when the **Save to album?** window appears.

Access the camera & video settings Press **OK** and select **Camera** > **Settings**.

*Within any menu, long press **ESC** to cancel any current action and go back to idle mode.*

Once they have been saved, pictures / videos are available in Multimedia > Picture album / Video Album.

See “Multimedia & Demo mode” page 37 for available options and detailed information.

Activate

Quick settings

Select **Camera** > **Activate** to take JPEG pictures, which are saved in the **Picture album** (see page 37).

Shortkeys allow you to change the camera settings on the fly: while the camera is active, press  to display the four status icons in the top left corner of the screen. Then press  to display the settings the icons correspond to: **Shade**, **Resolution**, **Quality** and **Night shot**. To change any of the settings on the fly and swap from an option to another, simply press the corresponding key as many times as needed ( for **Shade**,  for **Resolution**, etc.). The icon shows the change. Press  to hide them when you are done.

Pictures and options

1. Once you have activated the camera, simply press  to take a picture.
2. Then press  **Delete** to go back to the camera preview and take a new picture, or  **Save**.
3. If you choose to save the picture, you can then press  **Options** to access the following list:

View finder To go back to the camera preview and take another picture.

Send via MMS To send the picture via MMS (see “MMS” page 29).

Send via Email To send the picture via EMail (see “E-Mail” page 33).

Set to wallpaper To set the picture as background wallpaper.

Picture album To go directly to the **Picture album**. The last picture taken is highlighted. Its name and the date of last modification are displayed. At the bottom of the screen are a thumbnail of the image and the file size (see page 37 for details).

Video

The **Camera** > **Video** option allows you to record a small video, which you can play, save in the **Video album**, or send to someone via MMS or Email.

1. Select **Video** from the camera menu, then press  **Record** to start recording (if needed, press  **Stop** or  **Pause** during recording).

2. Once the recording is over, a **Save to album?** window automatically appears: press  **No** to go back to the video preview and record a new clip, or press  **Yes** to save the clip.
3. If you save the clip, you can then press  **Play** or  **Options** to access the following list:

Standby	To go back to the video screen and record another clip.
Send via MMS	To send the clip via MMS (see “MMS” page 29).
Send via Email	To send the clip via Email (see “E-Mail” page 33).
Video Album	To go directly to the Video album . The last clip you have recorded is selected, which allows you to check its length and size (see “Video album” page 38 for details).
Full screen	To play the video in full screen.

Settings

The settings available in this menu allow you to adapt the camera to your environment and select various

effects or options, whether taking pictures or recording videos. The following options are available:

Resolution Allows you to choose from three settings: 160 x 120, 320 x 240 or 640 x 480 pixels.

Quality Allows you to choose from three settings: **High**, **Medium** or **Low**.

The higher the quality and the resolution, the bigger the file.

Brightness Allows you to change the brightness from -2 to +2 by pressing ◀/▼ or ▶/▲.

Special effects To choose from the 4 available effects: **Normal**, **Mono**, **Sepia** and **Bluish**. Press  to **Change** the current effect.

Nightshot To set this mode **On** or **Off** by pressing  **Change**.

Light frequency Allows you to choose **50Hz** or **60Hz**.

Frame rate Allows you to choose from three settings: **High**, **Medium** or **Low**.

Default
setting

Allows you to restore the factory settings: press  No to cancel or  Yes to reset.

This option applies to the camera personal settings only, not to the contents of Picture or Sound album.

6 • Contacts



The **Contacts** menu allows you to select a name saved in the phonebook of the SIM (number of entries depending on capacity) or of the phone, as well as manage groups.

Create and manage contacts

Contacts

This menu gives you access to the SIM card phonebook, the groups, and the lists of entries of the on-phone phonebook (up to 255), which appear in alphabetical order at the first level. The SIM card phonebook is the first item of this list: press **OK** to enter it.

Add entries

A number is limited to 40 digits, depending on your SIM card. Entering international prefix, country & area codes allows you to dial a number from any location.

SIM entries

1. Select **SIM entries**, then press **—** **New**.

2. Enter the **Name** of the new contact and press **▼** to enter the **Number**.
3. Change the **Location** and **Record No.** if needed, then press **OK** or **—** **Save** to save the new record in the SIM phonebook.

Phone entries

Managing contacts in the on-phone phonebook allows you to store more information (email address, fax number, company name, etc) than if you used the SIM phonebook.

1. Navigate to **Contacts** and press **—** **New** to open the new entry screen.
2. Enter your contact's name, then press **▼** to move down to the next field. Fill in the required fields and press **OK** or **—** **Save** to store the entry in the on-phone phonebook.

*You can also access the New entry screen by selecting **—** **Options** when you are browsing the list of entries.*

Options

Select a contact of a phonebook and press **—** **Options** to access the following options:

View	To display the information linked to the selected contact.
-------------	--

Edit	To edit and change the information related to this contact.
New entry	To enter a new contact in your on-phone phonebook.
Delete	To delete the selected contact.
<i>Only one phonebook is managed at a time: if a contact is present in both phonebooks and if you delete it in the phone, it will remain unchanged in the SIM.</i>	
Delete all	To delete all contacts of the selected phonebook.
Copy entry	To copy a contact selected in the SIM phonebook to the on-phone phonebook.
Copy all	To copy all contacts from one phonebook to another.
Send SMS	To send an SMS to the selected contact.
Send MMS	To send an MMS to the selected contact.

Capacity	To check the total capacity of the phonebooks vs. the capacity used.
Contacts	To switch back to the list of contacts in phone when browsing the SIM card.

Own number

This entry of the SIM phonebook should contain your own phone number. If not, we advise that you enter your mobile number as well as any other relevant information.

Although all its fields can be empty, the Own number item cannot be deleted.

Service No

This entry of the SIM phonebook allows you to select one of the available services provided by your operator and to copy it into the selected phonebook.

Groups

Using groups, you can create lists of your contacts to help you keep organised. You can assign a specific image and melody to a group and even send an SMS to all a group's members.

1. Navigate to **Contacts** > **Group**. The list of groups is displayed. Press  **View** to view the members of the group.
2. From the Group screen,  **Select** the **New entry** to add a member to the selected group. Press  to add a contact from your phonebook, or press  **Select** to enter a new contact, which will both be added to your phonebook and become a member of the current group.
3. The following options are then available for each member of the group: **View**, **Edit**, **New entry**, **Remove**, **Send SMS**, **Send MMS** (see “Create and manage contacts” above for details).

Options

The following options are available for each group:

Edit name	To edit and change the name of the group if needed.
View members	To display the complete list of members of this group.

Remove entries

To remove members from this group.

This will only remove them from the group, it will NOT delete them from your phonebook.

Group image

To select the picture that will appear on the screen when a member of this group calls.

Group melody

To select the melody that will ring when a member of this group calls.

SMS to group

To send an SMS to all the members of this group at once.

See & hear who's calling

This feature is only available for entries of the phonebook in phone, NOT the entries of the SIM.

This feature allows you to personalise the **Groups** available with their own name ("Friends", "Office", etc.), a given picture from the **Picture album** (including one you have taken and saved) and a given melody (from the **Sound album** list). You can then link one or several names to a group: when a name in that group calls, it will appear along with the

corresponding picture, and the melody defined for that group will ring.

1. Select **Group** and select the group to be identified (you can rename it if needed). Press  **Options** and select the **Group melody**

and the **Group image** to be associated to this group.

2. Press  to go back to the list of groups, or long press  to go back to idle.

7 • Settings



The **Settings** menu allows you to customise your phone and change the settings related to each available option (sounds, time and date, security, etc.).

Within most menus, press  **Edit**, then  **Change** to access a list, which you browse with ▼ or ▲. Press  **Select** to confirm your choice.

If the menu only features an **On/Off** option, simply press  **Change** to toggle.

Sound

Ringer

To select a ringer tone that will apply to **Any call**, **Alarm**, **SMS/MMS** and **Cell broadcast** messages. Move ▼ to access the next field.

You will not hear the melody if the volume ringer is off (see page 6).

Ringer volume

To set the ringer volume that will also apply to **Any call**, **Alarm**, **SMS/MMS** and **Cell broadcast** messages.

Press  **Edit**, then ◀ or ▶ to increase or decrease the sound. Move ▼ to the next field and proceed the same way. Press  **Save** to save your changes and return to the **Sound** menu.

Ringer settings

To select one of the following ringer settings:

- On** Your phone will ring using the selected ringer tone.
- Off** Your phone will not ring. It will only vibrate if you set the vibra alert on.
- Beep** Your phone will emit a single beep, then vibrate if you set the vibra alert on.

Vibrator alert

To set the vibra alert **On**, **Off**, or **Within sound** for all alarms, incoming calls and messages.

The Within sound setting only applies to .mmf (SMAF) files. If the sound file has been so configured, the vibra and the keypad LEDs work in synch with the melody.

Key tones

To set the key tones **On** or **Off**.

Composer

To access the list of ringers and related options which are the following:

Set as ring To set the selected melody as ringer tone for **Any call**, **Alarms**, **SMS/MMS** and **Cell broadcast** messages.

Edit To **Edit** the main or sub-tracks of the selected melody and then **Play** it, change its **Tempo** or its **Instrument** and **Save** it.

Up to five personal melodies (i.e., downloaded or recorded) can be edited. This feature doesn't apply to preloaded melodies.

Rename To Rename the selected ringer.

Info To display the information related to the selected ringer: name, creation date and time, file type and size.

Display

Wallpaper effects

To access the list of Wallpaper effects and related options which are the following:

Off The background screen will stay white, in all contexts.

Fit to screen The picture used as wallpaper will be distort if needed, so that it fits the actual size of the screen.

Tile The picture will be repeated on the screen, starting from the upper left corner.

Best fit The background picture will fit the screen, in width and height.

Center The picture is centered on the screen without any size change.

Screen saver

To access one of the following options:

Slide show To access the picture album and select each of the 4 pictures that will make the slideshow.

Time To display the time as screen saver.

Off To deactivate the screen saver.

The screen saver will start automatically after a given period of inactivity.

Backlight

To apply the backlight to **LCD only**, or to **Key and LCD**.

Contrast

To set the **Contrast**: move ▼ or ▲, press  **OK** to confirm your choice.

Brightness

To set the **Brightness** on **Low**, **Medium**, **High** or **Maximum**. Changes are automatically displayed upon selection: press  **Select** to confirm your choice.

Language

To select or change the language for all menu texts: browse with ▼ or ▲ and press  **Select** to apply.

Device

Auto key lock

To set the automatic keypad lock **On** or **Off**. To unlock it, press successively  **Unlock** and .

The keypad is automatically unlocked when receiving a call.

Own greeting

To edit a text that will be displayed on the screen at switch on.

T9 Input

To set the **T9 preferred** text input **On** or **Off** (see “T9® Text input” page 11 for details).

Check status

To restore the **Factory settings** or to check the **Phone identity** (the references displayed on the screen might be requested by your local consumer help desk for information).

You will lose all you personal settings when restoring the Factory setting

Network

Contact your phone operator to have full information about GPRS availability over their network and for an appropriate subscription. You might also need to configure your phone with the GPRS settings supplied

by your operator, by using the menus described in this section.

Line

This menu allows you to  **Select Line 1** or **Line 2**, as well as to block one of the lines. This allows you for example to block your professional line when going on holiday, or your personal line during a meeting.

The availability of this menu depends on your subscription and requires a phonecode. Please check with your operator for information.

Configuration

To access one of the following options:

Network info Provides you the list of networks available in the area: select the network you want to register with and press  **Select**.

Choose network Launches the automatic selection of a network.

Auto network

Allows you to set the option **On** or **Off**. When **On**, your phone will connect automatically to one of the networks found.

Pref. network

Allows you to build a list of networks, in order of preference. Once defined, your phone will try to register on a network, according to your preferences.

Band selection

Allows you to select a bandwidth: **GSM 900/1800** or **GSM 900/1900**.

GPRS info

Press  **Select** to display the transfer volume and time of your last transmission. Then press  **Reset**, or  **OK** to go back to the network settings.

Bearer settings

This menu allows you to create several data profiles: when using WAP or when sending MMS, the selected profile will be used to connect to the GSM or GPRS network.

The **CSD settings** (GSM network) and the **GPRS settings** apply either to an existing profile that you

select in the list (then press  **Edit** to access the various fields), or to a new profile that you create (select **<Empty>**, then also press  **Edit**).

Options described below are operator and/or subscription dependent. Error messages during connection are mainly due to incorrect parameters: contact your operator before first use, in order to have the appropriate settings, which you might receive via SMS in some cases. Some pre-configured profiles may be locked, preventing re-programming and renaming.

The available **CSD settings** are:

Profile name	To name the profile such as it will appear in the list.
Connect type	ISDN or Analog , according to your subscription.
Dial number	Needed to establish the connection and provided to you by your operator.
User name	Login used for connection.
Password	Password used for connection.
DNS	IP address of the server the phone will connect to.

The **GPRS settings** are the same as for the CSD settings, except for the following:

GPRS APN	Address of the external data network you want to connect to (text string).
Authentication	Allows you to Activate or Deactivate the network authentication.

Transfer rate

Allows you to select the data transfer rate that will be applied, whether over the air or via a serial cable: **19.2 Kb/s**, **38.4 Kb/s**, **57.6 Kb/s**, or **115.2 Kb/s**.

Transfer rates might also depend on line conditions.

Security

Codes

If you enter an incorrect PIN2 code 3 times, your SIM card is blocked. To unblock it, request the PUK2 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.

The **Codes** menu allows you to set the following options:

PIN control

to set the PIN protection **On** or **Off**. When **On**, you will be asked to enter your PIN code when switching your phone on.

You cannot change your PIN code if this option is Off.

Change PIN Change PIN 2

To change your **PIN** and **PIN 2** codes (depending on your SIM card, some features or options may require a PIN2 secret code, given to you by your operator).

Chg. phonecode

To change your **Phonecode**.

Protected SIM only

This menu allows you to restrict outgoing calls to the numbers you have defined in the Protected SIM directory. This requires you enter a PIN code 2, provided to you by your operator.

This SIM only

This menu allows you to restrict outgoing calls to your SIM only. This requires you enter the phonecode.

8 • Messages



SMS

This menu allows you to send short messages with sounds, animations or pictures, as well as manage the ones you receive.

New SMS

Select this option to create and send an SMS to a contact of your choice. Type your message in the edition window that appears (see “Text or number entry” page 11).

Press  **Clear** to delete a character, or press  **Options** to access the following:

Send message To send your SMS to a contact of your phonebook, whether on the SIM card or in the phone.
To send the SMS to any other number, simply enter it using the keypad.

Store message To save your message in the **Draft** menu, without sending it.

Message size

To display the information about the message (number of messages & number of characters).

Text format

To define the **Font color**, **Background color**, **Font size** and style, **Alignment** and **Line feed**.

These options must be set before entering your text.

Add pic. & sound

To add a predefined picture or sound, or one you have created and stored in the albums (see “Multimedia & Demo mode” page 37).

You can send up to 2 attachments of 2 different types. Animations and pictures are exclusive: if you first select an animation, then a picture, only the picture will be taken into account and vice-versa.

Pictures and sounds cannot be sent when they are copyright protected.

Clear all

To clear all characters at once.

Insert text To access the list of predefined texts (see “Predefined text” page 28 for details) and insert one in the SMS.

Add number To insert a phone number within the message.

Add email address To insert an Email address within the message.

Predefined text

This menu allows you to display the predefined texts and to create new ones that you will then be able to automatically insert in an SMS.

Predefined texts are limited to 35 characters.

Inbox

This menu lists all the SMS you have received. Select an item and press  **Options** to be able to **Delete** or **View** the selected SMS, **Reply** to your correspondent, **Forward** the message to someone or **Edit** it, display the **Detail** of the message. The last option allows you to **Delete all** items of the list at once.

Draft

This menu lists all the SMS you have saved but not sent. The options available are **Delete**, **View**, **Forward**, **Edit** or **Delete all**.

Outbox

This menu lists all the SMS you have sent, then saved. The options available are the same as in the **Draft** folder.

This menu will not show messages that have been sent but not saved.

SMS setup

This menu allows you to set a maximum of 5 profiles to manage different SMS settings. Select one of the available profiles and press  **Activate**, or press  **Options**, then **Change** to access the following settings:

Service centre To enter the phone number of your SMS Service center. This number is provided to you by your operator.

Message type To select the type of message that will be handled (Normal, fax, pager, etc.)

Validity period To select the length of time your message is to be stored in your SMS center. This is useful when the recipient is not connected to the network (and thus cannot receive your message immediately).

Subscription-dependent.

Status report Allows you to set **On** or **Off** this option, which will automatically inform you via SMS whether your own SMS was received or not.

Subscription-dependent.

Direct reply Allows you to set **On** or **Off** this option, which allows you to transmit the number of your SMS message centre together with the message. Your correspondent can then reply using your own SMS centre and not theirs. This speeds up the rate of transmission.

Subscription dependent.

SMS via GPRS Allows you to set **On** or **Off** this option, which will send your SMS over the GPRS (**On**) or the GSM (**Off**) network.

Access to the GPRS network is subscription-dependent.

Memory status

This menu will display the information about the memory used by your messages (whether on SIM or in phone) vs. the memory still available.

MMS

This menu allows you to send and receive multimedia messages, called MMS, featuring texts, pictures and sounds. They can be made of one or several slides. Whether you send it to an e-mail address or to another mobile phone, the MMS is played in a slide show.

If "Memory full" appears, you must delete messages (e.g., template, draft, received message, etc.).

New MMS

As described below, two distinct menus allow to create and manage the MMS. The **Insert** menu gives you access to the graphic and sound items that will

make up your MMS, whereas the **Options** let you manage the MMS once you are done creating it.

Predefined and copyright protected pictures & sounds cannot be sent. In both cases, they will not appear in the lists from which you are asked to select an item.

Insert

The items in this menu are the following:

Insert picture To select a picture from the **Picture album** and insert it in the current MMS slide.

Text modules To insert a text of 200 characters max. (see “Text or number entry” page 11 for details).

Insert video To select a video from the **Video album** and insert it in the current MMS slide.

You cannot attach a video file to an MMS that already has a sound file and vice versa.

Insert sound To select a sound from the **Sound album** and insert it in the current MMS slide.

Insert voice To select a voice memo that will be inserted in the current slide.

You cannot attach a sound file to an MMS that already has a voice memo and vice versa.

Insert page To insert a new page in the slide show.

Display time To set the duration of each slide.

Options

The items of this menu are the following:

Send MMS To send the message to someone: enter the number (**To**) and the **Subject**. You can also send a copy (**Cc**) or blind copy (**Bcc**) of your MMS.

Store MMS To save your message in the **Draft** menu, without sending it.

Delete items To delete one of the items making the MMS (sound, picture, text, etc.)

Info To display the information related to the selected MMS (Picture size, Resolution, etc.)

Preview page To preview the current page.

Preview MMS To preview the whole MMS.

Inbox

This menu lists all the MMS you have received. Once you have viewed an MMS, press  **Options** to access the following:

Reply To reply to the sender by sending your own MMS (see “New SMS” page 27).

Reply all To reply to all correspondents at once, e.g., if a copy of the message was also sent to someone else than you.

Forward To forward the MMS to someone else.

Call To call the sender of the MMS, if his number is identified.

Delete To delete the MMS.

Info To display the information related to the selected MMS (Picture size, Resolution, etc.)

Extract To extract one of the items of the page that is displayed, whether picture, video or sound.

View again To play the whole MMS again.

Draft

This menu lists all the MMS you have saved but not sent.

Outbox

This menu lists all the MMS you have sent, then saved.

*Within the Draft and Outbox menus, select an item to display the date and time it was saved or received, its size and the number you want to send it to or you received it from. Press  **Options** to View the selected MMS, Delete it, or Delete all items of the list at once.*

MMS Setup

Your phone may have been pre-configured to directly access the services offered. If not, contact your operator to receive the information items described in the present section and enter them as given. With some operators, access parameters can be set "over the air".

The following settings are available:

Validity period

To select how long your MMS will be stored on the server, from **1 day** to **Maximum**. This is useful when the recipient is not connected to the network (and thus cannot receive your message immediately).

Check with your operator what the Maximum value is.

Delivery report

This option can be set **On** or **Off** and informs you (via an SMS) of the status the MMS you have sent (i.e., if it was read or deleted).

MMS retrieve

Allows you to choose from:
Auto download: received MMS are automatically placed in the **Inbox**. Select one, press  **Options**, then **View** to play it.

Deferred retrieve: you connect manually to the server by selecting a notification in the **Inbox**, then **View** to download and play it.

Rejected: all incoming MMS are rejected, preventing you from receiving them.

Allow info receiving

This option can be set **On** or **Off** and notifies you of incoming MMS.

Allow spam

This option can be set **On** or **Off** and allows you to receive automatic advertising MMS from the network.

Allow roaming reception

This option can be set **On** or **Off** and allows you to receive MMS even when your mobile phone is registered to a network other than your own (e.g., when you're abroad).

MMS profile

Allows you to choose from one of the available profiles. Press  **Active** to activate the selected profile, or  **Edit** to change its settings (name, IP address and port, etc.). See "Network" page 23 for details about profiles settings.

Receive an MMS

If the size of the MMS to download is bigger than the memory available in your phone, you must free memory by deleting data (pictures, sounds, etc.). See “Memory status” page 51.

When you receive an MMS, and if you activated the **Allow info receiving** option, an alert message appears on the screen to inform you. See “MMS Setup” page 31 to learn about **Auto download** or **Deferred retrieve** modes.

If the sender of the message has asked for a **Delivery report**, a prompt will ask you to press **OK** to send it or to press **Cancel** to cancel.

Once the MMS is downloaded, select it in the **Inbox** list and press **Options**, then **View** to play it. Press **Options** again to access the options described in the section “Inbox” page 28.

E-Mail

If not already included in your phone subscription, you must subscribe to an e-mail account and have received the settings information from your provider. In this case, all parameters are communicated to you by your provider and/or operator as described below

and must be entered as given. In some cases, your operator might also be your e-mail service provider.

This menu allows you to send and receive e-mails, with or without attachments. If your phone was pre-configured, the parameters are already set and you don't have to change them, except for **Login**, **Password** and **E-mail address** which are up to you when creating an e-mail account.

To enter specific signs such as @ or %, see page 11.

New Email

Select this menu item to create a new mail, then type the text in the edition window that appears (see “Text or number entry” page 11 for details). Once you have written your message, press **Options** to access the following:

Recipient

To enter the Email address of the recipient you will send the message to (long press ***#00** to access the table of symbols including the @ sign).

Enter the number (**To**) and the **Subject**. You can send also a copy (**Cc**) or blind copy (**Bcc**) of your Email.

Attachment Press ▼ to access the **Attachment** filed, then press  **Add**. The list that appears shows the selected items. Press  **Add** again, select one of the **Picture**, **Video**, **Sound** or **Voice** album, then an item in the album. Press  **Select** to attach it to your Email.

Save To save your message in the **Draft** menu, without sending it.

You must first have entered a correct Email address.

Line feed To begin a new paragraph.

Clear all To clear all characters at once.

Inbox

This menu lists all the Email you have received. Select an item and press  **Options** to be able to **View** or **Delete** the selected Email, **Reply** to it (or reply to all

recipients), **Forward** it to someone, **Copy to Contact** list or **Delete all** emails in the folder at once.

Draft

This menu lists all the Email you have saved but not sent. Select an item and press  **Options** to be able to **View** or **Send** the selected Email, **Edit** or **Delete** it, or **Delete all** Emails of the folder at once.

Outbox

This menu lists all the Email you have sent. Select an item and press  **Options** which are the same as for an item of the Draft folder.

Receive

This menu allows you to connect to your mailbox and to download the Email or the headers from the server, then to retrieve the corresponding e-mails (see “Download” below for details on retrieving options).

Email setup

Error messages during connections are mainly due to incorrect parameters: contact your operator if needed before first use, in order to have the correct settings.

This menu features up to 5 profiles for you to choose from, in order to connect to your Email server.

Select one of them and press  **Active** to select it as the current profile.

Press  **Options** to access the following:

Active To activate the selected profile as described above.

Edit To edit the selected profile, in order to change the related settings.

Rename To rename the selected profile.

The **Edit** menu allows you to change the settings, which are provided to you by your Email provider, if not pre-configured in your mobile phone. The available fields are the following:

Connect using To choose whether the connection will be **Automatic**, or will be using either **CSD** (GSM) or **GPRS** networks. You then select the CSD and GPRS profile of your choice.

User name To enter the name used by the Email server to establish the connection.

Incoming setup To set the information used to receive Emails (POP server).

Outgoing setup To set the information used to send Emails (SMTP server).

Email address To enter your email address.

Download To select the items that will be downloaded during connection: Email **Header only**, or **All**. In the first case, you will then have to connect manually in order to retrieve the corresponding Emails.

Voice msg.

This menu allows you to set your voice mailbox number and listen to voice messages your correspondents have left you.

Press  **Change** to enter or modify your voice mailbox phone number, then press  **Listen** to dial this number and listen to your messages.

In some cases, you might have to enter two numbers: one to listen to your mailbox, the other one to forward calls. Contact your operator for detailed information on this subject.

Cell broadcast

The Cell Broadcast feature is network dependent.

This menu allows you to manage the reception of SMS broadcasts regularly transmitted to all

subscribers on the network. It gives you access to the following options:

- Broadcast** To set the reception of cell broadcast messages **On** or **Off**.
- Read new CB** To read any new cell broadcast message you have received.
- Topic list** To define the type of messages you want to receive:
- from the **User defined** menu, select **New entry**, enter the code provided by the operator, and, if desired, associate a name, or
 - From the **Current** list, select an existing topic in the list, which you can change or delete.

To obtain the codes corresponding to the different types, contact your operator.

Auto display

To set the automatic display of incoming CB messages **On** or **Off**.

CB languages

To select the language in which you will receive the messages.

9 • Multimedia & Demo mode



Picture album

This menu allows you to manage the pictures stored in your mobile phone, including the ones you have shot or downloaded. Select an item in the list and press  **Options** to access the following:

- View** To display the selected picture. A new set of **Options** then allow you to **Zoom in** (then **Zoom out**), go to the **Previous** or **Next** picture, **Delete** the picture, display the **Info**, **Set to wallpaper** (see below) or **Rotate**.
- Send via MMS** To send the selected item via MMS (see “MMS” page 29 for details).
- Send via Email** To send the selected item via Email (see “E-Mail” page 33 for details).

Set to wallpaper

To set the selected picture as wallpaper (see “Wallpaper effects” page 22 for details).

Create new

To create a new **Picture album** (this is optional). You can create a folder with or without a password.

Take care to use a password you can remember. If you loose your folder password, you will loose the contents of the folder.

Cut

To cut the selected item.

Copy

To copy the item you have cut (e.g., into a new album).

Delete

To delete the selected item.

Rename

To rename the selected item.

Info

To display the information relating to the selected item (name, file type and size, resolution, etc.).

Delete all

To delete all items at once.

Video album

This menu allows you to manage the videos you have recorded and stored in your mobile phone. Select an item in the list and press  **Options** to access the same options as the ones described in the above section "Picture album".

Please note that **View** allows you to play the selected video, in standard or full view.

You cannot set a video to wallpaper.

Sound album

This menu allows you to manage the sounds stored in your mobile phone, including the melodies you have downloaded. Select an item in the list and press  **Options** to access the following:

- Set as ring** To set the selected melody as a ringtone for **Any call**, **Alarm**, **Cell broadcast** or **SMS/MMS**.
- Info** To display the information relating to the selected melody (name, time and date of creation, file size and type).

The Sound album only lists MIDI and MMF (SMAF) melodies. Any Voice memo you record (AMR files) are stored in the Voice memo sub-menu, from where you can select them and set them as Ringer.

Voice memo

This menu allows you to record a sound that you can then set as a ringer, send via Email, etc.

Select  **Options**, then **New record** and follow the instructions on the screen. Once recorded, select it in the list and press  **Options** to access the following:

- New record** To record a new voice memo.
- Set as ring** To set the selected record as a ringtone for **Any call**, **Alarm**, **Cell broadcast** or **SMS/MMS**.
- Play** To play the recorded voice memo.
- Send via Email** To send the selected voice memo via Email (see "Messages" page 27 for details).

Send via MMS	To send the selected voice memo via MMS (see “MMS” page 29 for details).
Delete	To delete the selected voice memo.
Rename	To rename the selected voice memo.
Info	To display the information relating to the selected voice memo (name, time and date of creation, file size and type).
Delete all	To delete all records at once.
Data rate	To display and select a data rate.

Recordings can then be used as alarm or incoming call ringers, etc. Recordings saved cannot be sent by MMS.

Memory status

This menu allows you to display the percentage of memory available in your phone. Several features share the mobile capacity: pictures and sound albums, recorded memos, messages you have stored in the phone, games, etc.

Press  **Select** to check the percentage of memory free and the phone's total memory in KB, then press  **Detail** to display the memory used by each feature.

If «List full» appears when saving a new item or to free memory space, you must delete an item to be able to create or add a new one.

Demo mode

Press  or  **Select** to launch the **Demo** movie.

If you turned the phone on without having inserted a SIM card, this menu is available in the first menu level.

10 • Games & Applications



Games

Pre-installed

This menu features games that are pre-loaded in your mobile phone. Press  **Start** to launch a game you have selected and start playing or  **Option** to read the instructions and learn about levels and scoring.

My games & more



Java is a trademark of Sun Microsystems, Inc.

Your mobile phone features JAVA, which allows you to run JAVA-compatible applications such as games downloaded on the network. The **My games & more** menu allows you to create folders to organise the games you have downloaded from the network via WAP.

Options allow you to select or set the following items:

Launch

To launch the selected game and start playing.

New folder

To create a new folder for your games.

Info

To display the information related to the selected game.

Rename

To rename the selected game or folder.

Delete

To delete the selected game or folder.

Security

To set access rights for security and/or cost sensitive actions (e.g., network access, AMR recording, SMS sending, etc.)

Profile

To select a connection profile and **Activate** or **Edit** it to change the related settings.

About

To display the information related to your Java software.

Exit

To exit the menu.

Organiser

Calendar

This menu displays the calendar. Once you select it, press **Week** or **Month** to choose a display, or press **Agenda** to set a new **Appointment**.

Enter the **Subject**, **Start date** and **Start time**, then select the **Status** and press **Save** to store it in the **Appointments** menu. Repeat as many times as needed to create new entries.

Appointments

This menu lists all the appointments. Select an item in the list and press **View** to display its details and eventually **Edit** it to change its content.

Press **Options** to access the following:

- | | |
|------------------|--|
| View | To display the details of the selected appointments. |
| Edit | To edit the selected appointment and change its content. |
| New entry | To create a new appointment. |
| Delete | To delete the selected appointment. |

Delete all

To delete all appointments at once.

Capacity

To check the capacity of the agenda (number of maximum items vs. number of free entries).

Missed appts.

This menu lists the appointments you have missed.

Clock

This menu gives you access to the following options:

Alarm clock

To set the alarm clock: press **Set** once you have entered the menu, then **Change** to set the alarm **On** or **Off**. Move ▼ to set the **Time** and ▼ again to select the days it will ring. You activate/deactivate the alarm icon and move to the next day by pressing **Change**. Press **OK** when done.

The alarm will NOT ring if you set the ringer volume to silence or turn the mobile phone off.

Countdown

To **Set**, **Reset**, **Start** and **Stop** a countdown. You can **Change** or **Clear** the countdown value (of max. 23:59:59) at any time.

World clock

To set the time zone you belong to. Use ▲ or ▼ to move from one time zone to the next until you find your own time zone. Press  **Select** to validate your choice. A message appears to ask you whether you are in Daylight saving time: press  **No** or  **Yes** as appropriate. Move ▼ and press  **Change** to set the **Time**, **Date** and **Date format**. Press  **Save** when done.

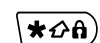
Auto off

Allows you to set the automatic switch off of your mobile phone at a given time: press  **Set** once you have entered the menu, then  **Change** to set the alarm **On** or **Off**. Move ▼ to set the **Time** and  **OK** when done.

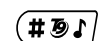
Calculation

Calculator

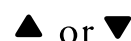
To use the calculator, first enter the figures using the keypad. Then press:



To toggle between negative and positive figures.



To insert a decimal point.



To toggle from addition to subtraction to multiplication to division.



Short press to erase a number, long press to erase a figure or the whole calculation.



To get the result.

Currency converter

This menu allow you to convert a sum from your local into a foreign currency. Select the **Rate setting** to define the rate by pressing the relevant numeric keys, then which of the **Domestic** or **Foreign** currency will be entered or computed by pressing ▲ or ▼. Then select **Compute**, enter a figure and press  **Convert** to obtain the result.

PC software link

This menu can be set **Off** or **On (AT-DATA)**: in this case, it allows you to use your mobile phone together with a PC, provided you have purchased and installed the appropriate items. To fully benefit from the services available via a separate USB data connect cable (upload and download pictures and sounds in your phone, synchronize phonebooks, etc.), you must

first purchase and install PC software link on your PC. This software application is available on the CD-Rom shipped with the USB data cable, which is not shipped as standard with your phone.

The software supplied on the CD-Rom is not compatible with Apple® Macintosh® computers. It only supports Microsoft® Windows® 98/98SE, ME, 2000 & XP.

11 • Call info



Most options described in the present chapter are operator and/or subscription-dependent and require either a PIN2 code or a phone code (see page 25).

Call settings

This menu allows you to set all the call options (call forward, waiting, etc.) and gives you access to the menus described hereafter.

Divert

This menu allows you to **Set**, **Deactivate** or **Check status** of the following call divert options:

Unanswered If you haven't picked up the call.

All calls Will divert all incoming calls.

When selecting this option, you will not receive any call at all until you deactivate it.

Not reachable Your network isn't available.

No reply You haven't replied to the call.

Busy You are already on the phone and your subscription doesn't include the call waiting option, or you haven't activated it.

Receiving fax Will divert all incoming fax calls.

Receiving data Will divert all incoming data calls.

Status check To display the status of all call divert options.

Clear all To clear all call divert options at once.

Any to answer

To set the option **On** or **Off**. When **On**, it allows you to accept a call by pressing any key, except , used to reject a call.

Call waiting

This menu allows you to **Activate**, **Deactivate** or check the **Status** of the Call waiting.

Hide ID

To set the option **On** or **Off**. When **On**, it allows you to show or hide your identity to your correspondent.

Press  **Select**, then  **Yes** to conceal or  **No** to show your identity to your correspondent.

Minute beep

Set the **Minute beep On** or **Off** to manage the duration of your calls. When **On**, your phone automatically emits a beep every minute of an outgoing call (the beep cannot be heard by the caller).

Call list

This menu provides you with the list of outgoing and incoming calls, attempts at auto redialling and call details. The calls (missed, received and dialled) are displayed in chronological order with the most recent on top. Select a call in one of the lists and press  **Options** to access the following:

- | | |
|-----------------------|---|
| View | To display the details of the selected call. You can then  Save the number in one of the phonebook, or  Return to the list. |
| Correct number | To edit the number of the selected call and change it. |

Copy to phonebook

To copy the number of the selected call into the phonebook: press  **Yes** to copy it into the SIM card, or press  **To phonebook** to copy it into your phone.

Delete

To delete the selected call.

Delete all

To delete all listed calls at once.

*If a number listed is also in your **Contacts**, the corresponding name is displayed. Press  to redial a selected number and press  to hang up.*

Time/charges

This menu allows you to display the call durations and their charges. Both  **Select** and/or  **Reset** options apply to the **Last call**, to **All calls**, **Incoming calls** and **Outgoing calls**.

If included in your subscription, you can also display the **Remaining units**.

Charge settings

Options described below are subscription-dependent.

This menu allows you to manage the charge settings of your calls by offering the following options:

- | | |
|---------------------|---|
| Currency | To set the currency in which your charge details will be displayed. |
| Cost/unit | To enter the cost or charge per unit. |
| A/C limit | To enter the cost limit after which your operator will bar your calls. |
| Auto display | To set On or Off the systematic display of the length and/or cost of each call when hanging up. |

Erase records

This menu allows you to erase all records at once. Press **Yes** or **No** according to your choice.

Barrings

This menu allows you to limit the use of your phone to specific calls by letting you bar all kinds of calls (incoming, outgoing, when roaming, etc.).

The types of calls you can bar are the following:

- | | |
|--------------------------|--|
| All outgoing | All outgoing calls: you will not be able to make any calls until you deactivate this function. |
| Outgoing intern. | International outgoing calls only. |
| Out. int. or home | All international outgoing calls, except when calling your home country from abroad. |
| All incoming | All incoming calls: you will not receive any call until you deactivate this function. |
| When roaming | All calls when roaming: you will not receive calls when you are outside your home country. |

The other options available in this menu are the following:

- | | |
|------------------------|--|
| Change password | To change the password used to set the features described above. |
| Status check | To check the status on call barrings. |
| Clear all | To clear all call barrings at once. |

User group

This menu features options related to services provided by your operator, whom you should contact for more details. The following options can be set **On** or **Off**:

- User group** To activate or deactivate the option.
- Select group** To select existing groups or to create new groups.

Outg. access To authorise or forbid calls made outside the group.

Pref. group To define a preferred group to which calls will be restricted.

To use your phone in a normal way, you must deactivate User group and Outg. access.

12 • Operator services



Most items of this menu are subscription dependent and specific to operators. Consequently, the menus described below may or may not be available. If your phone was pre-configured, it isn't necessary for you to change the settings described in this section.

The services provided may involve making a phone call or sending a SMS for which you may be charged. Contact your network operator for details.

WAP

This menu allows you to access WAP services supplied with your network, such as news, sports, weather, etc.

Select **Operator Services** > **WAP** > **Homepage** and press  **Select**

To launch a WAP session.

Press  or , then press  **OK**

To browse the on-line pages.

Press  **OK**

To select a highlighted item.

Press  **Back**
or 

To return to the previous page.

Press and hold 

To end the WAP session and return to idle.

*Your mobile phone connects to the network according to the settings you have defined in the menu **Settings** > **Network** (see page 23).*

Homepage

This is the link to the first WAP site you access when launching a WAP session. In most cases, this menu item is preconfigured and will connect to your operator's WAP homepage. To change this default homepage see "Profiles" page 50.

While none of the links is selected, press  (red checkmark) icon to access the following options:

Home

To access the Homepage of the WAP site you are browsing.

Reload

To reload the currently browsed page from its original server.

Save items	To save items (pictures, sounds, logos, etc.) included in the pages you are browsing.
Bookmarks	To View the list of bookmarks saved or save the address you're currently browsing by selecting Mark site .
Go to URL	To enter the URL address of a WAP site you want to connect to.
Show URL	To display the URL address of the WAP site you are currently connected to.
Exit	To end the WAP session.
Snapshots	To take snapshots of the pages you are browsing.
Advanced	To access the alert Inbox in which the push messages are saved, to Restart browser , clear the cache and go back to the Homepage, or to display the information About... the WAP software of your phone.

Settings

This menu gives you access to the following options:

- **Scroll Mode** to select the **Scroll Mode** and the **Scroll Speed**,
- **Downloads** to **Disable** the automatic downloads of sounds and pictures embedded in the pages you browse (this will speed up the display of WAP pages),
- **Security** to display information relating to authentication, certificates, etc.
- **Send Referrer** to set the related HTTP header.

Favourites

This menu allows you to store your favourite WAP site addresses, rename them and access them quickly from the list.

Press  **Options** to **Edit**, **Delete** or **Delete all** favourites. When editing a favourite, first enter its name such as it will appear in the list, then enter the corresponding URL address. Press  **Save** when done. Back to the list, select one on the **Favourites** and press  **Launch** to connect to the related site.

Profiles

A profile is a set of parameters that will be used for a WAP connection. This menu allows you to select one of the available profiles, then define or change the connection settings for each of them (press  **Active** to select / deselect). Press  **Edit** to access the following options:

Profile name	To rename the selected profile.
IP address	To enter the IP address used for the WAP connection.
IP port	To enter the IP port address, also used for the WAP connection.
Homepage	To enter a WAP site address, to which you will connect directly when connecting using the related profile.
Linger time	To enter a value of inactivity timeout (in seconds), after which you phone will automatically disconnect from WAP.

Select mode

To select the type of connection that will be established: **Auto**, **CDS Bearer** (over the GSM network) or **GPRS Bearer**. If the GPRS network isn't available upon connection, a message will ask you if a CSD connection should be made instead.

CSD bearer To select one of the CSD profiles you have set in **Settings > Network > Bearer settings > CSD settings** (see page 24).

GPRS bearer To select one of the GPRS profiles you have set in **Settings > Network > Bearer settings > GPRS settings** (see page 24).

WAP push setting

To set **On** or **Off** the automatic reception of messages automatically sent to you by the network and / or by your operator.

Push messages include URL links for quick access to the corresponding WAP services: a single click on the WAP Push message will connect to the WAP site for browsing or downloading multimedia files into your handset.

Check **Service Center only** if you only want to receive messages from your operator.

Make a second call

You can make a second call during an active call or during a call on hold. Dial a number or select a name in the phonebook, then press  while already on the phone. The first call is put on hold and the second number is dialled. You can then press:



Swap

To toggle between calls (one is put on hold and the other one is then activated).



Menu

To access the options available during a call:

- **Mute** will mute all calls at once,
- **Loudspeaker** will activate the loudspeaker for the call in progress,
- **Ringer volume**,
- **Conference call** (including **Join all**, **Hold all**, **Transfer**, **End current**, **End all**),
- **Contacts** will open the phonebook,
- **SMS** to open the SMS menu.



To hang up all calls at once.

To hang up the current call only, select Conference, then End current.

The Transfer option connects the active call and the call on hold, and disconnects you when the transfer is completed. This feature is different from call divert, which takes place before you pick up the call (see "Divert" page 44).

Answer a second call

When you receive a second call while already on the phone, your phone rings or vibrates and the screen displays **Waiting**. You can then:



Press  To reject the call.



Press  To answer the call (the first one is put on hold). Then press  **Menu** to access the options described above.

To receive a second call, you must have deactivated the Divert for voice calls (see page 44) and activated the Call waiting (see page 44).

Answer a third call

It is possible to receive a third call while you are speaking to one caller and have another on hold. You can either end one of the calls before answering the

third one or introduce the calling party into a conference (see above). This service is limited to two current communications (one active and one on hold).

Icons & symbols

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



Silent - Your phone will not ring when receiving a call.



Vibra - Your phone will vibrate when receiving a call.



GPRS attach - Your mobile phone is connected to the GPRS network.



SMS message - You have received a new message.



Voice mail - You have received a new voice mail.



Battery - The bars indicate the battery level (3 bars = full, 1 bar = low).



Alarm clock activated.



Roaming - Displayed when your phone is registered to a network other than your own (especially when you're abroad).



SMS full - Memory for messages is full. Delete old messages to receive new ones.



Call Forward Unconditional to number - All your incoming voice calls are being forwarded to a number other than voice mail.



Call Forward to voice mailbox - All your calls are being forwarded to voice mail.



GSM Network: your phone is connected to a GSM network

Reception quality: the more bars are shown the better the reception is.

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



Memory full - The phone's memory is full. Delete items to store new ones.



MMS message - You have received a new multimedia message.

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 / 1900 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.
Use the **Security** menu to change the PIN code after purchasing the phone and to activate call restriction options.

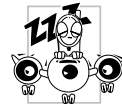


The design of your phone complies with all applicable laws and regulations. However your phone may cause interference with other electronic devices. Consequently you should follow all **local recommendations and regulations** when using your cellular phone both at home and when away. **Regulations on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

Users of pacemakers

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

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

Users of hearing aids

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

Performance improvement

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



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

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

Information displayed on battery

- Your phone is powered by a rechargeable battery.
- Use specified charger only.
- Do not incinerate.

- Do not deform or open the battery.
- Do not allow metal objects (such as keys in your pocket) to short circuit the battery contacts.
- Avoid exposure to excessive heat (>60°C or 140°F), moisture or caustic environments.



You should only use Philips Authentic 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.

Do not use your phone while driving



It lowers concentration, which can be dangerous. Adhere to the following guidelines:

Give your full attention to driving. Pull off the road and park before using the phone.

Respect the local regulations in countries where you drive and use your GSM phone.

If you want to use your phone in a vehicle, install the hands-free car kit which is designed for that purpose, still ensuring you give full attention to driving.

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

Environmental care



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

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



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 (e.g. EcoEmballage in France).



The materials are recyclable (also identifies the plastic material).

Troubleshooting

The phone does not switch on

Remove/reinstall the battery (see page 1). Then charge the phone until the battery icon stops scrolling. Unplug from charger and try to switch the mobile on.

The display shows **BLOCKED** when you switch on

Somebody tried to use your phone but didn't know the PIN code nor the unblocking code (PUK). Contact your service provider.

The display shows **IMSI** failure

This problem is related to your subscription. Contact your operator.

Your phone doesn't return to the idle screen

Press and hold  or switch off the phone, check that the SIM card and the battery are installed correctly and switch it on again.

The symbol is not displayed

The network connection is lost. Either you are in a radio shadow (in a tunnel or between tall buildings) or you are outside the network coverage area. Try from another place, try to reconnect to the network (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 can't receive and/or store JPEG pictures

A picture may not be accepted by your mobile phone if it is too large, if its name is too long, or if it doesn't have the correct file format.

You have the feeling that you miss some calls

To receive all calls, make sure that none of the features "Conditional call forward" or "unconditional call forward" is activated (see page 44).

During battery charge, the battery icon shows no bar and the outline is flashing

Only charge the battery in an environment where the temperature does not go below 0°C (32°F) or above 50°C (113°F). In other cases please contact your phone supplier.

The display shows SIM failure

Check that the SIM card has been inserted in the right position (see page 1). 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.

The display shows INSERT YOUR SIM CARD

Check that the SIM card has been inserted in the right position (see page 1). If the problem remains, your SIM card might be damaged. Contact your operator.

The autonomy of your phone seems lower than indicated in the user guide

The autonomy is linked to your settings (e.g., ringer volume, backlight duration) and the features you use. To increase the autonomy, and whenever possible, you must deactivate features you do not use.

Your phone doesn't work well in your car

A car contains many metallic parts that absorb electromagnetic waves which can affect the phone's performances. A car kit is available to provide you with an external antenna and enables you to make and receive phone calls without handling the handset.

Check with local authorities if you are allowed to use the phone whilst driving.

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 standard battery and a charger, are included as standard in the package of your mobile phone. Other accessories might be sold in the commercial package (according to the operator or the retailer), or sold separately. As a consequence, the package contents may vary.

To maximise the performance of your Philips 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.

Carry case

Protects your phone from nicks and scratches.

Data connect kit

Easy data connection to your Philips mobile phone: the USB cable enable high speed connection between your phone and your computer. Just connect your phone to the cable for an automatic organiser and phonebook synchronization within a few seconds. The provided software allows you to download pictures and melodies.

SAR Information - EU (RTTE)

THIS MODEL PHONE MEETS THE EU & FCC REQUIREMENTS 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 recommended by the Council of the European Union. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit recommended by the Council of the European Union is 2.0 W/kg. Tests for SAR have been conducted using standard 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 phone while operating can be well below the maximum 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.

Before a phone model is available for sale to the public, compliance with the European RTTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person.

The highest SAR value for this Philips 568/ CT 5688 model phone when tested for compliance against the standard was 0.653 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirements for RF exposure.

For body worn operation, this phone has been tested and meets the Federal Communications Commission RF exposure guidelines when used with the Philips accessories supplied. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The SAR limit set by the Federal Communications Commission of the U.S. Government is 1.6 W/kg. The highest reported SAR values are: Head: 0.527 W/kg; Body-worn: 0.505 W/kg.

SAR Information - International (ICNIRP)

THIS MOBILE PHONE MEETS INTERNATIONAL AND FCC REQUIREMENTS 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) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg. Tests for SAR are conducted using standard 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 of the phone while operating can be well below the maximum 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, the lower the power output of the phone.

The highest SAR value for this Philips 568 / CT 5688 model phone when tested for use at the ear is 0.653 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 body worn operation, this phone has been tested and meets the Federal Communications Commission RF exposure guidelines when used with the Philips accessories supplied. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The SAR limit set by the Federal Communications Commission of the U.S. Government is 1.6 W/kg. The highest reported SAR values are: Head: 0.527 W/kg; Body-worn: 0.505 W/kg.

Declaration of conformity

We,
Philips France - Mobile Telephony
4 rue du Port aux Vins - Les patios
92156 Suresnes Cedex
FRANCE

declare under our sole responsibility that the product

Philips 568

CT 5688

Cellular Mobile Radio GSM 900/GSM 1800

TAC: 35405400

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

EN 60950, EN 50360 and EN 301 489-07

EN 301 511 v 7.0.1

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

The conformity assessment procedure referred to in Article 10 and detailed in Annex 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: BABT, Claremont House, 34 Molesey Road, Walton-on-Thames, KT12 4RQ, UK

Identification mark: **0168**

Le Mans, September 7th, 2004

Jean-Omer Kifouani
Quality Manager

In case your Philips product is not working correctly or is defective, please return your phone to the place of purchase or to the Philips National Service Center. Refer to the International Guarantee shipped in the box for information on Service centers and technical documentation relevant to your equipment.
