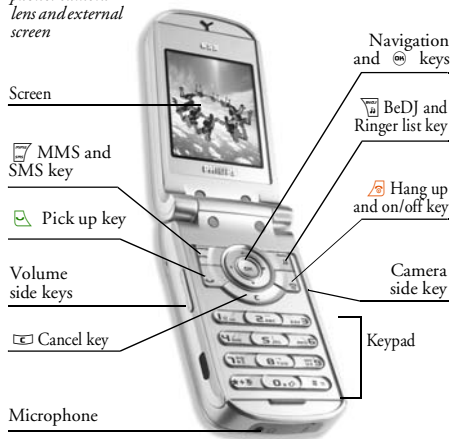











Discover your phone






Back of the
phone: camera
lens and external
screen






How to...



Switch phone On /Off	Press and hold
Enter PIN code	Enter your PIN code using the keypad and press or to confirm.
Make a call	Enter the phone number on the keypad and press to dial.
Make an IP call	Enter the phone number on the keypad and long press to add IP prefix and launch the call.
Answer a call	Press when your phone rings.
End a call	Press .
Reject a call	If the phone is opened, press ; if the phone is closed, long press either side key to reject the call.

Set the ringer volume	Press and hold either side key when in idle mode and when the phone is opened. <i>A short press on the side key will mute the ringer when you receive a call.</i>
Set conversation volume	Press either side key during the call.
Change the ringer	In idle mode, long press  to access the ringers list.
Access the main menu	Press  in idle mode.
Access the Contacts	Press  in idle mode.
Use the Contacts	Browse the list by moving  or  and press  to call the selected name (long press to make an IP call).
Access the Call list	Press  or  in idle mode.
Go to previous menu	Press  .

Quickly return to idle when browsing menus	Press and hold  or press  .
Open the MMS menu	Press  in idle mode.
Open the SMS menu	Long press  in idle mode.
Change the language used	Press and hold  .
Activate the Camera	Press the Camera side key in idle mode.

Accessing the menus



To access the main menu, press  when in idle mode. Use the navigation keys to browse the menus and press  to select a feature or an option, or press  to cancel. Another sub-menu or list will then appear.

Pressing  or  will alternate between two options, such as Activate/Deactivate, On/Off, Increase/Decrease a value, etc.

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

position in the list. With the navigation keys, you can then select or adjust all the functions of your phone as described in the relevant chapter of this user guide.

Events

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

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1 • Getting started

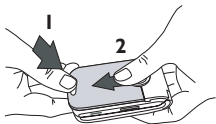
Read the safety instructions in the "Precautions" section before use.

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 12).

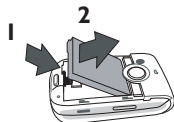
Insert the SIM card

Make sure the phone is switched off before removing the battery.

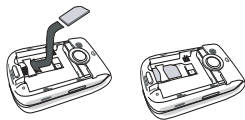
1. Press on the back cover clip of the phone and slide the cover downwards to remove it.



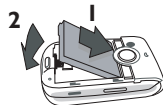
2. Remove the battery by lifting it with the grip as shown below.



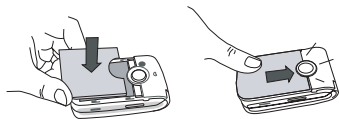
3. Remove the SIM card from its holder and slide it in its slot until it stops. Be careful that the connectors are facing downwards.







4. Insert the battery by sliding and pushing it downwards (connectors facing the connectors of the phone).



5. Replace the battery cover by sliding it into its slot, until it stops. Remove the protective film covering the screen before using the phone.




Switch on the phone

1. To switch on the phone, press the  key.
2. 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 20. Press  or  to confirm (press  if you make a mistake).

If you enter a wrong PIN code 3 times, your SIM card is blocked. To unblock it, you must request the PUK code from your operator.



Set date and time

As prompted by the phone at first switch on, set the date by pressing the appropriate numeric keys (press  to erase a number), then set the time.

For complete date and time options, see page 22.

Copy the SIM phonebook

If at first switch on you do not copy the SIM phonebook, see “Copy to phone” page 12.

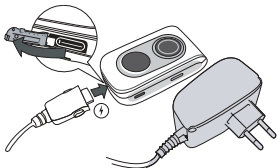
The mobile phone detects a SIM card that already contains names, and a message asks you if you want to copy your SIM phonebook onto the built-in phonebook. Press  to cancel or  to accept. The default phonebook, either in SIM or in phone, is operator-dependent. For details on how to set the default phonebook, see “Contacts select” page 12.

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. If the battery is completely flat, it will take 2 or 3 minutes of charging for its icon to reappear.

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

1. Once the battery and battery cover are clipped on the phone, plug the connector of the charger (supplied with the phone, in the box) into the socket at bottom of the phone on one end, then plug it into a main AC power socket with easy access on the other end.



2. The battery symbol indicates the state of charge:
 - during charging, the 4 charge indicators scroll; each bar represents around 25% of charge and it takes around 2 hours to fully recharge your mobile phone.
 - when all 4 bars are steady the battery is fully charged: disconnect the charger. Depending on the network and condition of use, talk time goes from 2 to 4 hrs and stand-by time from 200 to 400 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 . Depending on the selected phonebook (in SIM or in phone), the content that appears on the screen may vary: see “Contacts” page 12 for details.

To view the phonebook during a call, press , select **Names List**, press and scroll through the entries by pressing or . Press twice to return to the in-call screen.

In the phonebook, press , enter the first letters of the name you are searching, and press to jump directly to that name.

To read your own mobile phone number, press and select Own number > Show.

Make a call

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

For an international call, press and hold to enter the "+" sign instead of the usual international prefix.

Make an IP call

This feature is subscription dependent. Contact your operator for configuration parameters.

The IP call feature allows you to make a call using the internet network provided that you have first set the IP prefix (see page 61).

1. In idle mode, enter the phone number using the keypad. To correct an error, press .
2. Long press : your phone automatically adds the IP prefix and dials the number.
3. Press to hang up.

Answer and end a call

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






1. To answer the call, press or open the phone if the **Active flip** option is **On** (see page 60).
2. To reject a call, press . If you have activated Call forward (see page 60), the call is diverted to a number or voice mail.

3. To hang up, press  or close the phone.

The phone will not ring if in Silent mode (see below). If you have selected Any Key Answer (see page 61), you can accept a call by pressing any key (except ).





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.

1. If you selected the phonebook in your SIM card: select a record, press  twice to access the next menu, then select **Call handsfree** and press  to dial.
2. If you selected the phonebook in your phone: proceed the same way to call the default number. If you saved several numbers under one name, press  or  to select another number in the list, then press  and select **Call handsfree**.

If you are already on the phone, long press  to switch to handsfree mode and back.

Change the ringer

Select **Settings** > **Sounds** > **Ringtone**, press  and move  or  to select a ringer in the list. Press  to confirm your choice.

Activate the silence mode



Silent

If you don't want your phone to ring when you receive a call, deactivate the ringer by selecting **Settings** > **Sounds** > **Silent**, then **On**.

You can also mute the ringer when receiving a call by pressing the side key down.

Activate the vibra alert



Vibra alert



If you want your phone to vibrate when you receive a call, activate the vibra alert by selecting **Settings** > **Sounds** > **Vibra alert**, then **On**.



Activating the vibra doesn't mute the ringer. The vibra alert is automatically set to Off when you plug the charger.

Adjust the earpiece volume

During a call, move the side key up or down to increase/decrease the volume.

Mute/Unmute the microphone

You can mute the microphone so that your caller cannot hear you. During a call, press , select **Mute** and press  again.





To unmute the microphone, press , select **Unmute** and confirm by pressing .

Record a conversation



Record dialogue

In most countries, conversation recording is subject to law regulation. We advise you to notify the caller if you intend to record the conversation you have with them and only record if they agree. You should also keep any recording private. 1 min. is the maximum recording time available (see "Sound recording" page 59).



To record a conversation during a call, press , select **Record dialogue** and press . Press ,  or hang up to end the recording; an edit window allows you to name the recording, which is then available in **Multimedia** > **Sound album**.

If you select Mute, then Record dialogue, only the caller's voice is recorded.



Clear the call list



Reset



To clear your call list, press  and select **Call Info** > **Call list** > **Reset**. Press  twice to reset the call list.

Clear the SMS list

To clear the whole messages list at once, press  and select **Messages** > **SMS** > **Read SMS** > **Delete all SMS**. Press  twice to reset the SMS list.

You can also delete all the SMS messages from the Archive menu. Deleting your SMS list is useful to free memory space in order to receive new messages.

Clear the phonebook

To clear the content of your phonebook at once, press  and select **Contacts** > **Settings** > **Delete all**. Press  to reset the phonebook content.

This option only applies to the phonebook in your phone, NOT to the SIM phonebook.

3 • Menu tree

The table below describes 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 p16

Sounds p16



Silent / Ringer volume / Ringtone / Messages ringer / Equaliser / Key tones / Sounds alerts / Vibra alert

Display p17



Animation / Backlight / Wallpaper / Contrast



Short cuts p18

Hotkeys /Voice command / Voice dial



Security p19

Public names / Call barring / Change codes / PIN protection



Network p20

GPRS attach / Register again / Preferred list / Access settings



Time and date p22

Own time zone / Daylight saving / Clock display / Set date / Date format / Set time



Language p23

List of available languages



Auto switch on & off p23



Profiles p23



Messages p25



SMS p25

Send SMS / Read SMS / SMS settings / Archive



E-Mail p28

For each available mail box:
Settings / Open mailbox / Send mail



Broadcast SMS p33

Reception / Topics / District codes



SMS chat p33



MMS p33

New MMS / Inbox / Drafts / Templates /
Outbox / Settings



Contacts p12



Names list p4



Settings p12

Delete all / Contacts select / Group settings /
Copy to phone



Games & Applications p54



Chinese features p55



Brick game p54



JAVA p54



Extras p57



Calculator p57



International clock p57

Local settings / Foreign settings /
International clock display



Alarm clock p58




Organiser p58



Sound recording p59



Call information p60

 **Call settings p60**
Active flip / Call forward / Mailboxes / Auto redial / Any key answer / Call waiting / Caller ID / IP Prefix

 **Call list p61**
Call list / Reset

 **Call counters p62**
GSM counters / GPRS counters

 **Infrared p48**

 **Multimedia p50**

 **Picture album p50**
List of available pictures

 **Sound album p50**
List of available sounds


 **Demo mode p53**

 **Memory status p53**


 **TV Slideshow p52**

 **Camera p39**

 **Operator services p64**

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

 **WAP**

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

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



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).

How to use it?

Alphabets and symbols represented by each key are as follows:

- to To key in letters.
- ◀ or ▶ To browse the list of candidate words.
- or To confirm entry.
- Short press to clear one entry, long press to clear all text.
- Shift from standard, to lower, to upper case.
- Shift mode (from T9® to basic, to numeric mode).
- Shift to symbols and punctuation mode. Press ▶ to scroll pages.

Example: how to enter the word "home":

1. Press . The screen displays the first word of a list: **Good**.
2. Press ▶ to scroll and select **Home**.
3. Press or to confirm selection of the word **Home**.

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 key, so you must press it twice to enter "h".

Example: how to enter the word "home":

Press (GH), (GH) (MNO), (MNO), (MNO), (DEF). Press when the message is completed.

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

Short press

Long press

	space . , @ / : ; " ' ! ; ? ; # + - * = % < > () & £ \$ ¥	1
	a b c 2 à ä å æ ç	2
	d e f 3 é è Δ Φ	3
	g h i 4 Γ Ì	4
	j k l 5 Λ	5
	m n o 6 ñ ò ö	6
	p q r s 7 β Π Θ Σ	7
	t u v 8 ü ù	8
	w x y z 9 ø Ω Ξ Ψ	9
	Shift letter case	0

5 • Contacts

The **Contacts** menu allows you to select one of the two available phonebooks: the one on your SIM card (number of entries depending on capacity) or the one in your phone (up to 499 names). When entering new names in the menu **Contacts**, they will only be added to the phonebook you have selected.

499 is the maximum number of names and events cards, provided that other features (memos, sounds, pictures, etc.) are not using a significant amount of the phone's memory.

Settings

Contacts select



Contacts select

This menu allows you to set the phonebook to use, either **In SIM card** or **In phone**. Press **▲** or **▼** to select a phonebook. Contacts added to the selected phonebook can then be copied into the other, via the **Copy to SIM** or **Copy to phone** options.

Your mobile phone only manages one phonebook at a time and will ignore the information relative to the other one e.g. if "Smith" is present in both

phonebooks and if you delete it in the phone, it remains unchanged in the SIM.

Delete all



Delete all

To delete all contacts at one. This option only applies to the phonebook in phone, NOT to the SIM phonebook.

Copy to phone



Copy to phone

If you cancelled or aborted the automatic copy of your SIM phonebook at first switch, you can do it manually with this option.

Groups settings



Groups settings


Allows you to manage groups, rename them and link a specific melody and picture to each group.

You link names to groups from the Names list. See "Fotocall: see & hear who's calling" page 13.

Add contacts in a phonebook


In the SIM phonebook

1. Press **▼** when in idle mode and select **<New>**.
2. Enter the name and the number of your choice, then the type of number allocated to the name

(Phone, Fax or Data) and press  to store this name in your phonebook.

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.

In the phone phonebook

1. Press  when in idle mode and select **<New>**. Enter the first, then last name (up to 20 latin characters); one of the two fields can be empty, but not both.
2. Then select the **Number type**. Numeric fields can hold up to 40 digits and one "+" sign and alphanumeric fields (e-mail and note) feature up to 50 latin characters. Each contact can feature a maximum of 5 numeric fields (e.g. 2 mobile numbers, 3 work numbers, an e-mail address and a text note).
3. If needed, choose the group you want this contact to belong to.

Own numbers

The **Own numbers** option that appears in each 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 numbers item cannot be deleted.

Emergency number





The emergency number will call the emergency services number in your country. In most cases, you can call this number even if you haven't yet entered your PIN.

You cannot call an emergency number over IP.


Fotocall: see & hear who's calling



This feature is only available when you select the phonebook of your phone, NOT the SIM phonebook.


This feature allows you to personalize the groups available with their own name ("Friends", "Office", etc.), a given picture (from the **Picture album**) and a given melody (from the **Ringers** 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 **Contacts** > **Settings** > **Groups setting**. Rename the group to be identified ("Friends", "Kids", etc.) and select the **Melody** and the **Picture** to be associated to this group.
2. Long press  to go back to idle, then press  to access the phonebook.
3. Select a contact you wish to link to this group, then choose **Select group** and select the group of your choice.


Edit and manage contacts

Press  when in idle mode to access the contacts you have stored. To search for a given name:


 to 

Press the key for the letter that you want to go to in the list (e.g. press  twice to access the letter "U"). The first record starting with this letter is selected in the list.



Or enter the first letters of the name you are searching, and press  to jump directly to that name.


In the SIM card

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

- Call handsfree
- Call or IP call
- Send SMS
- Send MMS
- Voice dial
- Flash dial
- Copy to phone
- Delete
- Change


Copy to phone will copy the content of your SIM card into your phone. Selecting this option twice will duplicate all the names.

In the phone

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

- Change name
- Call or IP call
- Call handsfree
- Send SMS
- Send MMS
- Select group
- Send by Infrared
- Delete
- Show

Select **Show** to access the list of all numbers or fields saved for this contact, then **<New>** to create a new

field for this contact. Select one of them and press  to access a second set of options, which are:

Make default

The first number you enter becomes the default number: it appears in first position in the list and is automatically dialled when pressing the pick-up key. This option allows you to make another number default.

Copy to SIM card

To copy a contact of your phone phonebook into the SIM card (it is then always updated when switching phonebooks or when using another phone).

Show

To display the details of the selected field.

Change type

To change or to define the field type of the selected number.

Alphanumeric fields (note and e-mail) can only be changed or deleted.

6 • 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.). The **Profiles** menu allows you to change several settings at once (see page 23).

Sounds

Silent



Silent

Allows you to set the **Silent** mode **On** or **Off**. When this setting is **On**, all alerts are deactivated and the vibra alert is active.

The Silent mode also applies to key tones.

Ringer volume



Ringer volume

By default the ringer volume can be set to **Medium**. Press **▲** or **▼** to set the volume of your ringer from **Silent** to **Increasing**.

Ringtone



Ringtone

Allows you to select a ringer tone. The list also includes recorded sounds and

melodies you saved. Scroll through the list and wait to hear the selected melody being played.

You will not hear the melody if the volume ringer is set to Off or if the Silent mode was activated (see above).

Messages ringer



Messages Ringer

Allows you to set an alert beep **On** or **Off**, for each time you receive a new message. When **On**, this option also allows you to select the alert of your choice from the ringers list.

Equaliser



Equaliser

This option allows you to choose from different audio settings, also available while a call is in progress (in this case, scroll through the list and wait a few seconds to hear the difference).

Key tones



Key tones

Allows you to set the key tones **On** or **Off**. Even when set **Off**, DTMF are played during calls (see page 67).

Sounds alerts



Sounds Alerts

Allows you to set alert beeps **On** or **Off** for the following items:

- when an event programmed in your **Organiser** is due,
- when there's a **Missed call**,
- when the **Battery alert** requires charging,
- to manage the duration of your calls with a **Minute alert** (the beep cannot be heard by the caller).

This menu only allows you to set the alert sounds On or Off, NOT the alerts themselves. E.g. setting the Organiser alert Off will not prevent your phone from displaying the Reminder screen (if you programmed one), but the corresponding sound will not be played.

Vibra alert



Vibra alert

Allows you to set the vibra alert **On** or **Off** when receiving a call, when an event set in the organiser is due, when you receive a message and when the alarm rings.

The vibra alert is always Off when you connect the charger or the Cigarette Lighter Adapter.

Display

Animation



Animation

Allows you to set the animation of the menus **On** or **Off**. When **On**, this option will also scroll texts, such as a message selected in the **Read SMS** menu.

Deactivating this function increases the autonomy of your phone.

Backlight



Backlight

Allows you to set a backlight **Duration** by selecting one of the available values. Backlight is activated when receiving incoming calls or messages, browsing menus, etc.

Deactivating this function increases battery life.

Wallpaper



Wallpaper

Allows you to set the wallpaper of the main screen **On** or **Off**. When **On**, the picture you selected is displayed in **Normal** mode in idle, and in **Fade** mode in other context.

Only JPEG type pictures can be used as wallpapers. This feature is not available when the International clock option is On (see page 57).

Contrast



Allows you to choose from several levels of contrast.

Short cuts

Hotkeys



Hotkeys

Allows you to set up a direct access to a specific function by linking it to a key. A long press on the key will then automatically activate the function or call the associated number (Flash dial).

Hotkeys are configured by default, e.g. for silent mode, but you can reprogram them (keys from to only). The following hotkeys are locked: (call voice mailbox) and (dial international call). Depending on your service provider, other hotkeys may be predefined and locked.

1. Select a key from to and press .
2. Browse the list to select the function you wish to associate with this key and press . Most

choices will open the menu (e.g. [Send message](#) or [E-mail](#)), or launch the function (such as [Calculator](#) or [Record](#)).

If the selected key is already set, you can reprogram it by pressing twice and selecting Change. This will bring you to the list of available functions.

3. To use the hotkeys, press and hold the programmed key while in idle mode

Voice command




Voice Command

Allows you to set up direct access to a specific function by linking it to a voice tag.

You can associate a Voice command to most functions supported by the hotkeys.


1. Select [<New>](#), browse the list to select the function of your choice and press .
2. When [Press OK and speak](#) appears, follow the instructions displayed on the screen. When prompted to record your voice tag, make sure you are in a quiet environment, choose a short and simple word and clearly pronounce it.
3. The next menu gives you access to [Delete](#), [Play voice tag](#), [Change function](#) and [Change voice options](#). Press to create another voice tag.

To use the voice command, press and hold  when in idle mode, then say the recorded voice tag.



Voice dial



Allows you to set a voice tag by recording a word that will call the corresponding name when pronounced.

Proceed as described in the previous section, select the contact of your choice in the list, then press .

When the phonebook in phone is selected, choose the number of your choice in the list that is displayed.

As for **Voice command**, when **Add voice tag?** appears, press  and follow the instructions displayed on the screen. To use the voice dial, press and hold  when in idle mode, then say the voice tag corresponding to the number you want to dial.

Up to 15 voice tags can be defined and shared between voice dial and voice command. Recorded voice tags are available in their respective menu and can be deleted, played or changed.

Security

Public names



Allows you to manage a specific names list, called **Public Names** list, and restrict calls to this list via the **Call restriction** option.

This feature is subscription dependent and requires a PIN2 code (see page 20).

Call restriction

Allows you restrict the calls to the **Public Names** list. In this case, you can only access the names of the **Public names** list, as opposed to the **Contacts** of the main menu.

This function is subscription dependent and requires a PIN2 code (see page 20). This option might also apply to WAP and e-mail connections over GPRS.

Public names

Allows you to consult, edit and modify your **Public Names** list. via a PIN2 code.

Call barring



Call barring

Allows you to limit the use of your phone to specific calls by letting you bar both outgoing and incoming calls. This function is network dependent and requires a specific call barring password supplied by your service provider. Call barring can be applied both to **Incoming** calls (**All calls** or **When roaming**) and to **Outgoing** calls (**All calls**, **International calls** and **Intl. Exc. Home**).

In all cases, the Cancel option of these menus applies to all calls at once. The Status menu allows you to know whether a type of call is barred or not.

Change codes



Change codes

Allows you to change your **PIN** and **PIN 2** codes, as well as the call **Barring code**. Depending on your SIM card, some features or options may require a PIN2 secret code, given to you by your operator.

If you enter a wrong 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.

PIN protection



PIN protection

This allows you 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.

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. Then select the bearer (GSM or GPRS) in the menus of each application to be used (e.g. WAP, MMS, e-mail, etc.).

GPRS attach



GPRS attach

This menu allows you to define the attach mode of your mobile phone to the GPRS service.

Always on

Your phone will always register to the GPRS service. This option allows faster GPRS connection. However it will increase energy consumption.

For data calls

Your phone will automatically register to the GPRS service only when required. This option reduces energy consumption, however it will increase the connection delay.

Register again



Register again

Provides you with a list of the networks available in the area when the **Manual** mode is selected. Select the network you want to register with and press **OK** to confirm.

Preferred list



Preferred list

Allows you to build a network list in order of preference. Once defined, the

phone will try to register on a network, according to your preferences.

Access settings



Access 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.

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

Select an item in the list and press **OK** to access the following options:

Change name

To rename the selected profile.

Show

To visualise all parameters of the selected profile.

GSM Settings

To change the GSM settings:

- **Login**,
- **Password**,
- **Phone number** needed to establish the connection and provided by your operator (**ISDN** or **Analogue**),
- **Inactivity time**, a value of over 30 seconds after which the phone disconnects automatically (if a connection was in progress)

GPRS settings

To change the GPRS settings (same fields as the GSM settings). The **APN** menu allows you to enter the address of the external data network you want to connect to, a text string used to establish the connection.

Time and date

Time zone and daylight savings should be set first (double-check date and time if previously set).

Own time zone



Own time zone

Allows you to set the time zone you belong to, according to GMT (Greenwich Meridian Time).

Daylight saving

This setting only concerns countries in which time is set according to summer/winter time (e.g. Greenwich Meridian Time / British Summer Time).



Daylight saving

Allows you to set the daylight savings to **On** (in summer time) or **Off** (in winter time). If daylight saving is **On** and you set the time to 12:00, it will automatically switch to 13:00 when turning the option to **Off**.

Clock display



Clock display

Allows you to select **Analogue**, **Digital**, **Tiny digital** or **No clock** time formats when shown in idle mode

Set date



Set date

Allows you to set the date by pressing the appropriate numeric keys. You can also set the date by moving ▲ or ▼.

Date format



Date format

Allows you to select one of the available date formats, either **Western** or **Thai** or **Chinese**.

Set time



Set time

Allows you to set the time by pressing the appropriate keys. You can also increase or decrease the time minute by minute by pressing ▲ or ▼.

Auto switch on & off



Auto switch on/off

This menu allows you to set a time for an automatic switch on or switch off of your phone.

Auto switch on

1. Press ▲ or ▼ to activate or deactivate this option.
2. Enter the time at which the mobile will automatically switch on and press **OK**.

3. Then select the frequency: **Once**, **Every day**, **On weekdays**. Press **OK** to confirm.

If at automatic switch on, the PIN protection is On, you will need to enter your PIN code in order to use your phone (see page 2). The auto switch on will not be launched if the phone is already on when the preset switch on time is reached.

Auto switch off

Repeat above steps to set an automatic switch off of your phone.

The auto switch off will be launched only when the phone is in idle mode.


Language

This menu allows you to select a language for all menu texts. Press ▲ or ▼ to select the language of your choice, then press **OK** to confirm.

Profiles


This menu allows you to access a group of predefined settings, which let you quickly adapt your phone to your environment by changing several settings at once. For example, selecting **Meeting** will set your ringer volume to silent, activate vibra and deactivate

the key tones (the other items are set according to the settings you configured). When your meeting is over, selecting **Personal** will reactivate all your usual settings. Details of each profile settings are displayed when selecting a profile.







When you associate a hotkey to a profile (e.g. long press key  activates Silent, see “Hotkeys” page 18), also long press this key to deactivate it and go back to the Personal settings.

The settings listed in the column **Personal**, in the following table, are default settings preset during

production. As you can change them, the personal settings in your phone may differ from the table.

Each  box of the table refers to the settings as stored in the **Personal** menu (whether you have changed the settings or not).

When connecting an accessory, the settings **Headset** and **Activate car** also become available. When disconnecting the accessory, the phone goes back to the **Personal** profile.

Profiles	 Personal	 Autonomy	 Outdoors	 Meeting	 Headset	 Car
Vibra alert	On	Off		On		
Ringer volume	Medium	Medium	High	Silent	Medium	High
Backlight	10 sec	Off				On
Key tones	On			Off		
Animation	On	Off				

7 • Messages

SMS



SMS

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

Sending SMS isn't available from the idle mode when the SMS Chat feature is On (see page 33). In this case, you can only access the Answer option.

Send SMS



Send SMS

This menu allows you to send an SMS to a contact of your choice, whether saved in your phonebook or not (in this case, simply select **<New>** in the contacts list and enter a number).

*When the phonebook in phone is selected, press **OK** to send the SMS to the default number, or select another number of your choice (see "Edit and manage contacts" page 14).*

You can choose from three different types of messages:

<New>

To send a new message.

Last message

To edit, modify and re-send the last message you have sent.

Template

To select a pre-configured message, such as **Can you ring me back at this number.** including your number, if it is the first one of the **Own num.** option (see page 13).

Press **OK** to access the next set of options, which are the following:

Save

To store the current message and its associated icon and melody if any in the **Archive** menu.

Send now

To send the current message.

Add sound

To attach a melody.

Add graphic

To attach a bitmap image or an animation.

You can send up to 2 attachments of 2 different types together with your SMS. 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.

Some pre-defined items are supplied as standard with your mobile phone. Personal pictures and sounds that you have stored in the relevant menus cannot be sent when they are copyright protected.

Read SMS



Read SMS

This menu allows you to read all types of SMS, whether sent, received, read and/or stored. The **Delete all SMS**, at the first level, allows you to delete all messages at once. When a message is displayed, press **(OK)** to access the following options:

- Delete** To delete the selected message.
- Move to archive** To store messages in the phone memory. You can then consult them in **Messages > SMS > Archive**.

Moving a message to the Archive list deletes it from the Read SMS list.

Edit SMS

To edit, modify and resend the SMS to someone (you can add a picture or a sound).

If a picture or a sound was attached to the message you edit, you must first detach it and store it in the Picture album or in the Sound Album. Then re-attach it to your message (see page 25).

Reply

To reply to the sender.

Store graphic(s)

To save the graphics and/or animations that were sent together with the message.

Forward to

To forward the selected message (choose the recipient in the phonebook or enter a phone number manually).

Store number

To save the number of the sender if it is attached to the message,

Call handsfree

To call the sender of the message handsfree.

Call back or IP Call

To call the sender of the message (operator dependent).

No.
extracted

To extract a number included in the message itself, if this number is included in double quotes (several numbers can be included and extracted),

Store
melody

To save the melody that was sent together with the SMS.

SMS settings



SMS settings

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

SMS
centre

To select your default SMS centre. **If not available on your SIM card, you must enter your SMS centre number.**

Signature

By default, your signature is your phone number, added at the end of your message (which length is consequently reduced). You can [Edit](#) the signature, [Change](#) and [Save](#) it.

Validity
period

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

This feature is subscription dependent.

Reply path

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.

This feature is subscription dependent.

Delivery
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.

This feature is subscription dependent.

Auto save SMS

Allows you to set **On** or **Off** this option, which will automatically save messages sent in the **Archive** menu.

Archive



Archive

This menu allows you to consult all read messages you saved and to **Delete all SMS** at once. When a message is displayed, press **OK** to access the following options: **Delete**, **Edit SMS**, **Reply**, **Forward to**, **IP Call back**, **Call handsfree**.

E-Mail

If not 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.



E-mail

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 10.

Settings

Press **OK**, select **Messages > E-mail > E-mail 1** and press **OK**. Then select **Settings** and press **OK** to access the following options:

Account name

To rename **E-mail 1** and **E-mail 2** boxes.

An e-mail account might be predefined and locked, preventing renaming.

E-mail server

To configure the settings needed to connect to the e-mail server of your Internet Service Provider (ISP). In some cases, **Login**, **Password** and **E-mail address** are up to you when you subscribe to your account. Enter them as defined. The **POP3 address** is used to receive e-mails, whereas the **SMTP address** is used to send e-mails.

WARNING ! *For an e-mail connection via GPRS, if your phone operator is NOT your e-mail provider, contact them to get the correct address of the SMTP server.*

Advanced

This menu features advanced settings that you shouldn't have to change.

If the fields of these menus are empty, or if you encounter connection problems, contact your ISP.

The **SMTP authenticat.** menu should be **Off** in most European countries: your e-mails will NOT be sent if set to **On**. Contact your provider for complete information.

Network access

To select the type of network used when launching a connection, and to configure the corresponding settings.
Bearer

- **GSM** or **GPRS**: your mobile will only use the GSM or the GPRS network for e-mail connections.
- **GPRS first**: your mobile will first try to connect to the GPRS network, then to the GSM network if the GPRS network isn't available.

Selecting this option you need to have both GSM and GPRS settings configured.

GSM Settings

To change the GSM settings:

- **Login & Password**,
- **Phone number** (**ISDN** or **Analogic**) needed to establish the connection and provided by your operator,
- **Auto disconnect**, a value of over 30 seconds after which the phone disconnects automatically (if a connection was in progress).

The lack of exchanges with the network defines the inactivity time period leading to auto disconnection.

GPRS settings

To change the GPRS settings (same fields as the GSM settings). The **APN** menu lets you enter the address of the external network you will connect to.

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.

Send mail



This menu allows you to send e-mails to one or several recipients at a time, including with an attachment such as a jpeg picture. Once received, your messages can be forwarded and the attachments visualised with the appropriate software.

If you exit the Send e-mail menu before sending your e-mail or if you cancel the sending while it takes place, the e-mail content is deleted without being stored.

Add contacts

If you entered e-mail addresses for contacts saved in your phonebook in phone (see “Add contacts in a phonebook” page 12), this menu allows you to select the corresponding name in the **Contacts** list.

After you have added contacts, select one of them and press **OK** to **Change** the e-mail address, **Remove** it from the list, or add more contacts.

If you select the phonebook in SIM card, an edit window will allow you to enter an e-mail address.

Add Media

Allows you to design your message: enter the **Subject** and **Text**, then press

OK to access the next options:

- **Add sound** or **Add Graphics** to attach a sound or a picture to your e-mail,
- **Send now** to send it to the selected recipient(s),
- **Modify** to redesign your e-mail from scratch.

You can only attach one JPEG file at a time. To learn how to enter text, see “Text or number entry” page 10. If you accept an incoming call while writing an e-mail, the menu is closed and the phone goes back to idle when you hang up.

Open mailbox



This menu allows you to connect to your mailbox and to download the e-mail headers from the server, then to retrieve the corresponding e-mails.

Both mailboxes feature the same settings and options. Configuring them differently will allow you to have two different e-mail addresses from your phone.

1. Select **Open mailbox**: your phone automatically connects to the e-mail server and downloads the list of e-mail headers if any (five at a time).
2. If **Next** (or **Previous**) appears at the end (or beginning) of the list, other e-mail headers are pending: select one of the available options and press **OK** to retrieve them.

An e-mail without any attachment may be automatically displayed in the details screen.

3. Select a header, and press **OK** to display the **Details**. The following status icons may appear in regards to each header:

[No icon] The e-mail can be downloaded.



The e-mail size is too large, it cannot be downloaded.



The e-mail is marked to be deleted.

4. Press **OK** and select **Get mail** to download the e-mail. Repeat this operation to download each e-mail corresponding to each selected header.

If the e-mail is too big (over 50 KB), it is rejected and the download is cancelled.

5. If the e-mail you have received contains attachments (picture, text or another e-mail), they are characterised by a specific icon:



Contains the details of the e-mail header (date and time, sender's e-mail address, etc.), press **OK** to display these details.



The text of the e-mail itself can be viewed as an attachment, press **OK** to read it (no advanced options in this case).



A text file (text only, ".txt" format) is attached to the e-mail, press **OK** to read it (no advanced options in this case).



The application needed to manage this attachment isn't available in your phone, or the e-mail is too large to be uploaded.



Another e-mail is attached to the one you received (up to five e-mails can be attached one after the other, no advanced options in this case).




A picture is attached to this e-mail. Select it in the list and press **OK** twice to store it in your phone (you can rename it if you wish).

You must have stored a picture before being able to view it via the Picture album menu. See “Picture album” page 50 for more details. If there isn’t enough memory to store the new picture, you must delete other items (name, event or picture) to release enough memory to be able to save the new picture.

A picture may not be accepted by your mobile phone if it is too large or if it doesn’t have the right file format. When receiving a picture via e-mail, proceed as follows to obtain optimal results:

- The picture received must have been saved in JPEG, BMP or GIF format.
- The size of the picture file should not exceed 50 KB.
- The optimal size is 128 x 160 pixels, in order to be displayed correctly (use a standard picture editing software to create the size of the picture you want).
- Use a file name, a maximum of 10 characters. You can then add an extension such as “.jpg”.

6. Select an e-mail header and press  to access the following options:

Add to
contacts

To add the sender’s e-mail address to your phonebook, even when you haven’t yet downloaded his e-mail. Select **<New>** to create a new contact, or a name in the list to add or change the e-mail address.

You must have selected the phonebook in the phone in this case; this menu item will NOT appear if you selected the SIM phonebook.

Delete

To mark the e-mail to be deleted (select this option again to unmark it). When you exit the **E-mail** menu, you will be asked to confirm deletion of the selected item(s) from the e-mail server.

Reply

To reply to the sender, which address is automatically added to the list. Proceed as described in “Send mail” page 30.

Forward

To forward the downloaded e-mail to someone else. Proceed as described in “Send mail” page 30.

Broadcast SMS

The Broadcast SMS feature is network dependent.



Broadcast SMS

This menu allows you to manage the reception of SMS broadcast regularly transmitted to all subscribers on the network. It give you access to the following options:

Reception To set the reception of cell broadcast messages **On** or **Off**.

Topics To define the type of messages you want to receive.

- Select **<New>**, enter the code provided by the operator, and, if desired, associate a name, or
- Select an existing type in the list, which you can change or delete.

You can enter up to 15 different types in the list. To obtain the codes corresponding to the different types, contact your operator.

District codes

To select the type of messages you want to be permanently displayed on the idle screen (in this case, enter the type in both **District code** and **Topics** menus).

SMS chat



SMS Chat

This menu allows you to set the **SMS chat** feature **On** or **Off**. When **On**, any short message (SMS) you receive is automatically displayed in idle mode.

Scroll down to read it, and quickly reply by pressing **OK** twice: first to enter the edition screen, then to send your message. The phone will automatically go back to the idle screen.


*If you receive a second SMS while you are reading one, reply to the first one or press **ESC** to exit. The mobile phone will then display the second message.*

MMS



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.

From idle mode, you can directly access the **MMS** menu by a long press on  key.

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

New MMS





Add contacts

To select a name in the **Contacts** list, or to insert a **<New>** number or e-mail address. Then select one of the numbers or address of that name if several. Select a contact and press  to **Edit** it or **Remove** it from the list, or add more contacts.

You must have selected the phonebook in phone to access an e-mail address (see "Contacts select" page 12).

Add Media

Allows you to design your message:

1. Add a **Picture**, **Text** and/or a **Sound** (move  or  to go to next or previous icon if not automatically selected, press  to access the corresponding menu), and create more slides by pressing .
2. **Send now** to send the MMS to the selected recipient(s),
3. Access the **MMS Options**.

Although the picture **preview** when creating the MMS is (W)105 x (H)55 pixels, the maximum size of a picture you can **send** is (W)640 x (H)640 pixels.

Copyright protected picture cannot be sent.

Sounds can be chosen from the **Sound Album**, or a sound memo that you record when creating the MMS: in this case, select **<Records>**, then **<New>** and follow the procedure that appears on the screen.

You cannot attach an existing voice memo.

MMS options

The following options are available:

Add slide To create a new slide and add it to your slide show. Press ◀ or ▶ to browse slides once you have created several.

You can also press ▶ when the last page of the message you are currently designing is selected.

Next slide / Previous slide To move to the next/previous slide.

Edit subject To edit and change or enter the subject of your message.

Delete slide To delete the selected page (if there is more than one in the message).


Save as draft To save your message as a draft, that you can edit, complete and send later on (see page 36).

Save as template To save your message as a template, that you can use as a basis for other MMS (e.g. "Happy birthday" type of message, see page 36).


Preview MMS To preview the slide show you have created.

Slide duration To change the value of slide duration set in [Settings > Application settings](#) (see page 37), and to set a delay between each slide.

Send MMS

Once your message is complete, simply select [Send MMS](#) and press . If you saved your MMS as a draft, this option is also available from the [Drafts](#) menu. If you have already sent the MMS, select it from the [Outbox](#) menu and select [Re-send MMS](#).



If the sending of a draft message fails, the message will be moved to the Outbox menu.



In all cases, a progress bar allows you to follow the sending of your message (press  to cancel).

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 (picture, sounds, etc.). See "Memory status" page 53.

When you receive an MMS an alert message appears on the screen to inform you. See page “Settings” page 37 to learn about [Automatic](#) or [Manual](#) retrieval modes.

If the sender of the message has asked for a [Read report](#), a prompt will ask you to press  to send it or to press  to cancel.

Once the MMS is downloaded, select it in the [Inbox](#) list and press  to play it. Press  to access the following [Player options](#):

[Play](#) To switch back to automatic mode: the MMS is then played as a continuous slide show.

[Next /previous slide](#) To move to the next or previous slide. You can also press  or  when viewing the MMS in manual mode.

[Detach picture](#) To detach the picture of the current slide and save it in the [Picture album](#).

[Detach sound](#) To detach the sound of the current slide and save it in the [Sound album](#).

[Close](#) To close the MMS and go back to the list of options.

Manage folders

Four different folders are available. The default (active) folder is the one you last selected.


[Templates](#) Lists all messages saved as templates. You can [Play](#), [Edit](#) and [Delete](#) them.

[Drafts](#) Lists all messages saved as drafts, or automatically saved if you quit the MMS menu before saving or sending your MMS. You can [Play](#), [Edit](#), [Send](#) and [Delete](#) drafts.

[Outbox](#) Lists the messages you have [Sent](#) or created but [Not sent](#) yet. You can [Play](#), [Delete](#) or view the [Details](#) of all these messages, [Re-send](#) or [Forward](#) them to someone.

[Inbox](#) Lists all the [Notifications](#), [Delivery](#) and [Read reports](#), [Read](#) and [Unread MMS](#). You can [Read](#) or [Delete](#) notifications and reports. You can [Play](#), [Forward](#) or [Reply](#) to an MMS, display its [Details](#) or [Delete](#) it.

Notifications are automatically deleted once you have received the full MMS. Do NOT delete notifications before you have retrieved the MMS, or you will never be able to do so.

Messages you have saved can only be sent from the **Draft** or **Outbox** folders. You can NOT recover an item (whether message, notification or report) that you have deleted. Press  to cancel deletion.

Settings


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:

Retrieval mode

Allows you to choose from:

Manual: you connect manually to the server by selecting a notification in the **Inbox**, selecting **Read** to downloading, then **Play**.

Automatic: will place received MMS in the Inbox. Select the MMS and press  to play it.

This mode is deactivated when roaming.

Validity period

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

Read report

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

Delivery report

This option can be set [On](#) or [Off](#) and informs you (via an SMS) the status of delivery, e.g. if your MMS was received or rejected.

Auto save

This option can be set [On](#) or [Off](#) and allows you to automatically save the messages sent from the [Outbox](#) menu.

Slide duration

Allows you to select the duration between each slide of the MMS.

Network settings

[Network account](#) is used to choose a connection profile from the ones you have set (see “Access settings” page 21).

[Bearer](#) allows you to select the type of network used when launching a connection: [GSM](#), [GPRS](#) or [GPRS first](#). Choose [MMS Centre](#) to enter the MMS address of the server you will connect to.

[Gateway address](#) and [Gateway port](#) will allow you to enter both IP and Port numbers of the server’s gateway.

8 • Taking pictures

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

How to...

Activate/deactivate the camera	Press the camera side key to activate the camera OR press and select Camera . Long press to deactivate or close the clamshell.
Zoom in/out	Press or .
Change the vision mode	Press to toggle between Night and Normal mode.
Change the camera mode	Press to switch from VGA to Wallpaper to Clip to Fotocall .
Change the special effect	Press or to switch from a special effect (sepia, blue, etc.) to another.
Access the camera settings	Press when the camera is active.

Take a picture	Press the camera side key when the camera is active.
Save the picture	Press the camera side key right after the shot.
Delete the picture	Press right after the shot.
Access the shot options	Press right after the shot.
Activate/deactivate the self-timer	Press .

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

Pictures shots

Preview mode settings

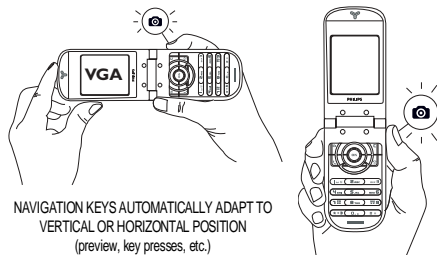
Press the camera side key to display the camera preview screen. The lens of the camera is automatically focused and icons are displayed: **Zoom**, **Effects**, **Camera mode**, **Shot**, **Self-timer**, **Vision**.

All options and key presses described in this section are applicable only when the camera mode is active, i.e. when the preview is displayed on the screen. You can

also press **OK** to access any of them (see “Settings” page 42).

Camera mode

The default picture size of the standard format is **VGA** 640 x 480 pixels. Turn the mobile phone to a 90° angle and hold it horizontally to obtain a full screen preview.



For all other modes, hold the mobile vertically and press **≡** to switch to **Wallpaper** (128 x 160 pixels) to **Clip** (128 x 128 pixels) to **Fotocall** (96 x 64 pixels). The icon of the **Camera mode** you select is displayed in the bottom of the screen.

The Clip mode allows you to record a voice message right after you shot the picture. See “Foto Talk: use the Clip mode” page 41 for details.

Effects

Allows you to choose one of the available effects (see page 43).

Self-timer

Allows you to set the **Self-timer** option **On** or **Off** (see page 41).

Vision mode

Two vision modes are available: **Normal** and **Night mode** (reflected by the moon icon in the top of the screen). According to ambient light level, press **★+★** to toggle between modes.

Zoom mode


This option is available in all modes:

- one-level zoom (x2) in **Clip** and **Wallpaper** modes (press the navigation key **▲** or **▼** to zoom in or out),
- two-levels zoom (x2 and x4) in **VGA** mode.


Take a picture

1. If the self-timer option is **Off**, and once the camera is activated, press the Camera key to take a picture.

2. The number that appears shows its row. Press:

 To ignore the picture you have just taken and go back to preview mode.


Camera key To save it in the **Picture album**.

 To access the list of available options: **Send** (by MMS, Email or Infrared), **Save** it in the **Picture Album**, **Modify** it, or **Take** a new picture.

The number of pictures you can save varies according to the settings: the higher the resolution, the bigger the file size. A message will warn you if there isn't enough memory left. In this case, you must delete data before storing a new picture (see "Memory status" page 53).

When they are saved in the Picture album, the pictures are named "img_0001.jpg", etc., up to 9999. This does not mean you can take up to 9999 pictures, but that pictures are numbered up to 9999. Numbering will then restart from 1 on.

Use the self-timer



1. Set the self-timer option **On**, then press the Camera key to activate it (or press  if the option is **Off**).
2. The countdown starts at 10 seconds (this value cannot be changed). A sound is played 3 seconds before the picture is taken, then again when it's actually shot.

Press  to stop the timer and go back to preview mode or press  to just stop the timer.

3. Once the picture is shot, follow the instructions starting at point 2 described in "Take a picture".

Foto Talk: use the Clip mode

The **Clip** mode allows you to make a clip made of a picture and a sound.

1. Select the **Clip** mode, then press the Camera key to take the picture.
2. The **Record sound** window automatically opens: record the sound or message of your choice (press  to cancel,  to stop the recording, or wait for the maximum recording time of 30 seconds to be reached).

3. Press **ON** to access the following options:

Send by MMS To **Send** your clip via MMS.

Play clip To **Play** it.

Save clip To **Save** the clip you have created: the picture in **Picture album** and the recorded sound in **Sound album**.

Change clip To **Change** the clip you made.

Fotocall: see who's calling

The **Fotocall** mode allows you to make a picture and to link it to a group. When a name in that group calls, the corresponding picture appears. See “Fotocall: see & hear who's calling” page 13 for details.

Review the pictures

The pictures you save are automatically stored in the **Multimedia > Picture album** menu. See “Picture album” page 50 for details.

Receive and make a call

When receiving a call while using the camera:

- answering it will quit the camera context and your phone will return to idle when you hang up,

- rejecting it will also quit the camera context, and bring you back to the preview screen.

To make a call, you must first go back to the idle screen.

Settings

Press **ON** while the camera mode is active to access further settings than the ones available directly within the preview screen.

Settings you last define are saved and available when reusing the camera or until you change them again.

General settings

Date & time To select what will be displayed on the pictures: **Time & date**, **Date only**, or nothing.

Camera mode Allows you to switch from a camera mode to another: see “Preview mode settings” page 39.

Picture quality To choose a quality available among the following: **Low**, **Medium**, **High**.

Sounds settings

To set the **Alert** and **Shoot** sounds. The first one occurs 3 seconds before the shot, the second one when the picture is shot. Select **Default** or one of the available sounds, then press **OK** to activate it.

Reset settings

To reset all values to the default ones.

Frames

To choose a frame and apply to the picture you take (this automatically sets the picture to 128 x 160 pixels).

Effect mode

To choose an effect and apply to the picture you take: **Normal**, **Black & white**, **Sepia**, **Digital**, **Embossed**, **Negative colour**, **Edge** and **Edge 2**.

Vision mode

To choose one of the two modes available: **Normal** and **Night**. The default mode is **Normal**.



Self-timer

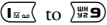


Set this option to **On** to activate it and press **ESC** to go back to the camera preview and take pictures (see page 41).


9 • BeDJ

BeDJ allows you to create your own sound by using a styles, or any SP-MIDI or MIDI ring tones saved in your phone. You can then send your own mix to friends and relatives, use it as a ringer or an alarm, etc.



How to...

Switch **BeDJ** On/
Off Press  or select **Multimedia > BeDJ** to switch on.
Press and hold  to switch off.

Activate/
deactivate
a track Press a key from  to .
Press  to deactivate all tracks at once.

Record the mix
(start and stop) Press .
When you stop the recording, the options related to the recording appear (see page 46).

Activate the
Tempo field Press .

Open the track
selection list Press and hold a key from  to .







Open the
Help screen Press .

Open the BeDJ
Options list Press  before recording.



Within BeDJ, the colour orange always shows the information currently in use, or a selected item.


Getting started


Activate tracks

1. Launch BeDJ by selecting **Multimedia > BeDJ** or press  in idle mode.
2. In the upper left part of the BeDJ screen, the default style selected (e.g., Groovy, Techno, etc.), the current tempo value, the status of the recording and the name of the track are displayed.
3. In the bottom part of the screen, 9 tracks can be mixed, linked to keys  to : press the key corresponding to the track to be activated. Up to 14 tracks are available: press and hold keys  to  to open the track selection list. Key  is always dedicated to the voice track.




Change track melodies & instruments

Before activating tracks, press and hold keys  to  to change the default melodies and instruments:

Melody The melody used in the selected track is the one highlighted in the list. Move ▲ or ▼ to select another one, then press  or ► to access the instruments list used in this melody.

Instruments The current instrument used in the selected melody is the first one highlighted in the list. Move ▼ or ▲ to select another one, then press  to go back to the main screen.


Change the tempo

1. Press  to activate the **Tempo** field, which is displayed in bmp (or "beats per minute") and applies to all tracks.
2. Press the highlighted ◀ or ▶ keys to increase or decrease it, then press  or  to go back one screen.

You cannot change a Tempo while playing tracks or during a mix recording. You don't have to save the Tempo, which is automatically taken into account.

Record a mix

Start recording

1. When ready to record your mix, press . The timer starts and the **On air** red icon is selected.
2. While recording your mix, you can:

Activate a track Press keys  to 

Increase/decrease the current track volume. Move ▲ or ▼ .

Highlight the previous or next track Move ◀ or ▶ . If the track is active, you can then change its current volume.

Stop recording Press .

The recording will stop automatically when the mix reaches 50 KB (approximately 2 min.). Capacity depends on the memory available in your phone: select Multimedia > Memory Status for memory information.

Recording options

When you stop recording a mix, a window opens and displays the following options:

- | | |
|----------------------|---|
| Remix | To record a new mix by using the same tracks. |
| Replay Mix | To play the mix you just recorded. |
| Store Mix | To name and store your mix. |
| Send by MMS | To send your mix as part of a multimedia message. |
| Send by IrDA | To send your mix via IrDA. |
| Send by Email | To send your mix via Email. |

The recording you save will appear under the name of your choice in Settings > Sounds > Ringer list as well as in Multimedia > Sound album. You can select it as a ringer for incoming calls and new events.

Create your own style and mix

Advanced options allow you to create and mix your own styles of music, either directly from the BeDJ styles available (e.g. Groove, Techno, Disco, etc.), or from the ringers list (e.g., Bach, Cool, Dream, etc.).

The ringers list includes the MIDI files you might have downloaded via e-mail, IrDA, etc.



From existing files




1. When the BeDJ screen is active, press **Ⓞ** to access the **Options** list.
2. When selecting **Mix ringers** or **BeDJ styles**, simply choose one of the available melodies in the list and press **Ⓞ** to confirm your choice.
3. The phone automatically goes back to the BeDJ screen, and the melody associated to the ringer you have selected is divided into tracks.
4. As described above, you can then activate and deactivate tracks, record your mix, etc.



The number of active tracks depends on the melody you have chosen.

From scratch

1. When selecting **Advanced**, BeDJ opens a complete new set of empty tracks.
2. Press and hold **Ⓞ**: the list of all the MIDI files present in your phone appears on the screen. Select one of them and press **Ⓞ**.
3. A new list appears, showing all tracks of the selected MIDI file. Move **▲** or **▼** to select

one of them, then press  to apply it to key .

4. Repeat these two steps to apply tracks of your choice to keys  to  of the phone.
5. When ready, record your mix (see page 45).
6. Press  twice to go back to normal mode.

Have fun and mix: you can apply any of the 16 tracks of any ringer of your choice to  to  key of your phone! This makes thousands of possibilities that allow you to completely personalise your own mix.

Save your own styles

You can save your own [Style](#) in the BeDJ styles menu, and reuse it later to create another mix. This new style will contain all the tracks you have mixed, but without the effects applied to the mix.

Receive a call

When receiving a call while BeDJ is activated, your mobile phone will automatically mute the sound.

1. Answering the call will quit BeDJ and your phone will return to idle when you hang up.
2. Rejecting or ignoring the call will allow you to stay in the BeDJ screen.

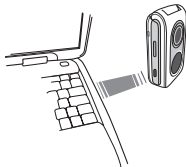
10 • Infrared

Your mobile phone integrates the infrared technology (also called IrDA), that allows you to send or receive data to and from other IrDA-compliant devices through a wireless link (e.g. another mobile phone, a PC or PDA, a printer etc.).

Files that are copyright protected cannot be sent. When connecting with a PC, make sure you have activated its infrared option.

Position of devices

Before sending or receiving data to and from another device, they must be correctly positioned in relation to your mobile phone. Make sure that the IrDA ports are facing each other and are a maximum of 50 cm away from each other (see diagram). Also make sure that nothing obstructs the IrDA beam.



Send data

To send data via IrDA from your mobile phone, you must first select the item to be sent: when selecting a picture, a sound, a name or an event, a sub-menu then gives you access to the **Send** option.

As soon as your phone finds another IrDA-compliant device to communicate with, the sending automatically takes place. Messages are displayed on the screen, for you to follow the process.

If the phone finds several IrDA devices, a list is displayed on the screen, for you to choose from. Press **OK** to confirm and to send the selected data.

Sending is cancelled if your phone cannot find another device before the time out is reached, if the infrared link is broken, or if you cancel the process.

Receive data

Activate IrDA




Infrared

To receive data, select **Infrared > Receive**. Your phone is then ready to receive an item and waits for the other IrDA device to send it. As when sending, messages are displayed on the screen and allow you to follow up the process.

Receiving is cancelled if your phone isn't contacted by another device before the time out is reached, if the infrared link is broken, if the size of the file sent is too large or if you cancel the process.

Save the data received

Press  to access the following options:

- Save** To save the data, then go back to idle. The items you have received will be saved under their default name, which you can change by selecting them in the relevant menus.
- Show** To display the details of the data you have received (play or sound or display a picture).
- Discard** To ignore the data received.

Use the phone as modem



Data

You can also use your mobile phone together with a PC or a PDA, e.g. to surf the Internet or send faxes.

To fully benefit from the services available via IrDA (send and receive SMS, e-mail and fax, upload pictures and MIDI sounds in your phone, phonebook synchronization, GPRS Wizard, etc.), you must install Mobile Phone Tools on your PC. This software is available on the CD-Rom shipped with your phone.

The software supplied on the CD-Rom is not compatible with Apple® Macintosh® computers. It only supports Windows® 98 SE, ME, XP and 2000 (Service Pack 3 and up mandatory in this case).

Specific software modules for Lotus Notes, Lotus Organizer and Microsoft Outlook are designed to allow synchronisation from your Philips mobile phone to these applications (refer to their respective user guides for detailed information).

11 • Multimedia

Sound album



Sound Album

This menu allows you to manage and listen to the sounds stored in your mobile phone, your **Own melodies**, **Standard melodies** or **Records**. When entering one of the available sub-menus, select a sound and press **OK** to access the following options:

Delete

To **Delete** the selected sound.

Sounds in the Standard melodies folder cannot be deleted.

Send by...

To send the selected sound via E-mail (see page 28), via IrDA (see page 48) or MMS (see page 33).

You will not be able to send sounds that are protected by a copyright.

Set as ringer

To set the selected sound as **Ringer**.

As SMS/MMS ringer

To set the selected sound as **Messages ringer** (this option must be set **On** in **Settings > Sounds**, see page 16).

Rename

To **Rename** the selected sound.

Picture album

JPEG pictures must have the correct size and format for your mobile phone to store and display them correctly (see page 31).



Picture Album

This menu allows you to manage and display the pictures stored in your mobile phone.



When entering one of the available sub-menus, the pictures stored in your phone are displayed as a text list. To access the graphical display, select a picture in the list and press **►**. Press **OK** to access the options described hereafter (in each case, press **◀** to go back one step, or **OK** to validate and go to the next option).

Modify picture

Add text

To add text to the selected picture. Press the navigation key to move the text on the screen.



Short press to move it 1 pixel at a time, long press for 5 pixels.

Press  to go back to the text editor, or  to validate and go to the next option.

Add frame or icon

To add a frame or an icon to the selected picture.

Eraser

To **Undo** the last modification made on the picture, or to **Reset**, i.e. cancel all changes at once. Press  to cancel or  to validate.

Send

To send the selected picture via IrDA, E-mail or MMS.

Delete



Save

To save the picture with all the changes you have applied.

To **Delete** the selected picture.

Pictures in the Standard Pictures folder cannot be deleted. If there isn't enough space to store a new picture, you must delete some other pictures to release memory.

Rename


To **Rename** the selected picture: press , enter a name and press  again.

Send by...

To send the selected picture via E-mail (see page 28), via IrDA (see page 48) or MMS (see page 33).

You will not be able to send pictures that are protected by a copyright.

Rotate

To rotate the picture of 90° or 180°, press  to confirm your choice.

Set as wallpaper

To set the selected picture as **Wallpaper** (this option must be set **On** in **Settings > Display**, see page 17).

TV Slideshow



TV Slideshow

This feature allows you to display your pictures listed in the **Picture album** (automatically in a slideshow, or manually, one-by-one) on a TV screen via the TV Link accessory (see page 77) or on the main (internal) screen of your phone.

TV Link may not be supplied with your product. In this case, you must purchase it separately. See “Philips authentic accessories” page 77 for details.

Manual

Select **TV Slideshow**, then **Manual**, and press **OK**. Browse the complete list of pictures by pressing **▲** or **▼**.

*Press **▶** to activate the graphical full-screen display and send it to the TV, press **◀** to go back to the list.*

Automatic

1. Select **TV Slideshow** and press **OK**, then select the value that will be applied between each picture of the slideshow (5, 7 or 10 seconds) and press **OK**.

2. In the list that appears:
 - Choose **(Un)Check all** by pressing **◀** or **▶** to select all pictures at once, or
 - Browse the list and select/deselect the pictures of your choice by pressing **◀** or **▶** (selected pictures feature checked boxes).

In both cases, press **OK** to start the slideshow and **ESC** to stop it.

3. Select **(Un)check all** to deselect all pictures at once.


The last selection/slideshow made is automatically saved and can be played several times in a row, even when you quit the TV Slideshow menu.

When browsing manually or during the automatic slideshow, press **OK** to open the rotation options (90°, 180° or 270°), select the option of your choice and press **OK**. Changes are automatically stored.

Demo mode



Demo mode

Press  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.

Memory status





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 album, messages you

have stored in the phone, phonebook and organiser entries, games, etc.

Your mobile phone is supplied with many sounds and pictures. You can only delete sounds or pictures in the Own Pictures or Own melodies folders, e.g. to free memory space for your own sounds and pictures.

Press  to check the memory status. The display shows you the percentage of memory free and the phone's total memory in KB. Press  again and access the detailed list of 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.

12 • Games & Applications

Brick game

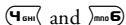
This menu can be subscription dependent. As such its icon and content may vary.



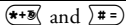
Brick Game

This menu gives you access to the brick game, which object is to destroy the bricks by hitting them with the ball.

Destroying all bricks give you access to the next level. Keys used are the following:



To move the racket left or right.



To start the game by throwing the ball left or right.



To pause the game up to 2 min. (after which the screen returns to idle mode and the game is lost).

JAVA



Your mobile phone features JAVA, which allows you to run JAVA-compatible applications such as games downloaded on the network.

Settings

Network access

Bearer

To select the type of network used when launching a connection and to configure the corresponding settings.

- **GSM** or **GPRS**: your mobile will only use the GSM or the GPRS network for e-mail connections.
- **GPRS first**: your mobile will first try to connect to the GPRS network, then to the GSM network if the GPRS network isn't available.

Selecting this option requires you to have both GSM and GPRS settings configured. See page 21 for details.

DNS
address

Allows you to enter the DNS address of the external data network you want to connect to.





Network
account

Allows you to select one of the data profiles you have defined in [Settings](#) > [Access settings](#) (see page 21).

Auto-Launch

Allows you to set the automatic launch of JAVA [On](#) or [Off](#). When [On](#), a JAVA application will be automatically launched right after it was installed.

Java applications

This menu allows you to launch a Java application. Select a folder, then press  to access the list of applications. Use  and  keys to select the menu or option, then follow the instructions on the screen. In any case, long press  to quit.



Java is a trademark of
Sun Microsystems, Inc.

Chinese features



Lunar calendar





Lunar Calendar

This menu gives you the correspondence between Gregorian and Chinese calendars by displaying the corresponding date in lunar mode from a selected Gregorian date.

Features requiring date & time information (e.g. organiser events) depend on Gregorian dates only.

Press  to access the date edition window. Change the date if needed by pressing the corresponding keys, then press  to convert to lunar mode.

Lunar in idle



This option allows you to display the lunar calendar on the idle screen. Press  or  to activate or deactivate this option.

Western horoscope



Western horoscope

This menu allows you to display today's or a selected date's horoscope, after your sign has been set.

If you know your sign, select it from the [Select sign](#) menu, otherwise, select [Set birth date](#), press  and enter your birthdate. Press  to display the corresponding sign.

Back to the **Horoscope** menu, select **Today** or **Other day** depending on the horoscope you want to consult (in the second case, enter the relevant date before pressing **OK**).

Chinese festival calendar



Chinese festival

This menu informs you of the next major Chinese festivals, from a given date. Select **From now** or select **From a date** and enter the date from which you want to know what Chinese festivals will occur. In both cases, press **OK** to display the six next festivals.

13 • Extras

Calculator



This menu provides the following functions:

- Addition** Press \blacktriangleright or the $\boxed{+}$ key.
- Subtraction** Press \blacktriangleleft or the $\boxed{-}$ key twice.
- Multiplication** Press \blacktriangleup or the $\boxed{\times}$ key 3 times.
- Division** Press \blacktriangledown or the $\boxed{\div}$ key 4 times.
- Equals** Press the $\boxed{=}$ or ON key.

Enter the figures using the keypad. Calculator accuracy is to 2 decimal places and is rounded up to the higher decimal figure. Press and hold $\boxed{0.}$ to get the dot.

International clock



International clock

This menu allows you to set and display both local time and the time of a selected time zone.

International clock display

Allows you to display both local time and the time of another selected time zone on the idle screen with a defined wallpaper. Press \blacktriangleup or \blacktriangledown to activate or deactivate this option.

This feature is not available when No clock display is selected (see “Clock display” page 22) or when the SMS chat option is on.

Local settings

Own time zone

Move \blacktriangleup or \blacktriangledown to select the time zone corresponding to your area.

Set time

Allows you to set the time by pressing the appropriate keys. You can also increase or decrease the time minute by minute by pressing \blacktriangleup or \blacktriangledown .

Local daylight saving

Allows you to set the daylight saving option **On** or **Off** for the local time zone. See page 22 for details.

Foreign settings

Foreign time zone

Move ▲ or ▼ to select the time zone of your choice.

Foreign daylight saving

Allows you to set the daylight saving option **On** or **Off** for a foreign time zone. See page 22 for details.

Alarm clock



Alarm clock

This menu allows you to set the clock alarms (up to 3 alarms). To set an alarm:

1. Select an alarm and press ▲ or ▼ to set the option **On** or **Off**.
2. When set to **On**, enter the time and press **OK**.
3. Then select the frequency: **Once**, **Every day**, **On weekdays**.
4. Select one of the alarm alerts. Press **OK** to confirm.

Repeat above steps to set other alarms.

The alarm clock will ring even if you turned off your phone, and even if the ringer volume is set to Silent. When the alarm rings, press any key to stop it.

Snooze mode



Snooze

This menu allows you to set the snooze mode **On** or **Off**.

The snooze mode setting applies to all the alarms you have set.

When the alarm rings and the snooze mode is **On**, press any key (except **OK**) to stop the ringing temporarily or wait till the ringing time is out. The alarm will ring again around 7 minutes later. To stop the alarm repetition, press **OK** twice when it rings.

The snooze mode is automatically deactivated after 9 alarm repetitions.

Organiser

The organiser shares the mobile capacity and memory with other features (phonebook, picture album, sound, etc.). To check the memory available in your phone, select Multimedia > Memory status.

Create a new event




Organiser

This menu allows to create events and store them in your organiser. When the organiser alert is **On** (see page 16), a beep alerts you when an event is due.

1. Select <New> , then the type of event to create (Holiday, Meeting, To Do).
2. Enter the starting and ending date & time of the event and name it (e.g. "Meeting with Smith").
3. Set a reminder and a frequency: alerts will be triggered at the chosen time.


The reminder only applies to Meeting and To Do events. It will be updated when changing time zones (see "Time and date" page 22).

Delete old events

This menu allows you to delete past events. Enter the starting date (past or future) from which all previous events will be deleted and press  twice to delete all events preceding this date.

To delete all events set in your organiser, enter a starting date several years ahead (e.g. 3rd of December, 2010) to make sure all events preceding this date are deleted at once.

Manage events

Select an event in the list and press  to access the following options:

Delete To delete the selected event.

Change


To change the selected event.

Changing a repeated event will also modify all instances of this event.

Send by Infrared

To transmit the selected event to another IrDA-compatible device.

Events views

Events can be displayed in Day view, Week view or Month view. Select a view and press , then move ◀ or ▶ to display the previous or next day, week or month.



Note that changing time zones will impact all organiser reminders: the event alarms will be updated depending on the time displayed on the screen.

Sound recording



Sound recording

This menu allows you to record a sound of 1 minute maximum and up to 20 different sounds, depending on the Memory status.

Select <New> to record a new sound. Follow the instructions on the screen and press  once your sound is recorded. Select it in the list to play it, or press  to Delete or Rename it.

Recordings saved cannot be sent by MMS.

14 • Call information

Call settings



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.

Active flip

This option allows you to pick up an incoming call by simply opening the phone. Closing the phone always hangs up an ongoing communication.

Call forward

To divert incoming calls to your mailbox or to a number (whether in your contacts or not) and applies to: [Data calls](#), [Voice calls](#) and [Fax calls](#).

Before activating this option, you must enter your voice mailboxes' numbers (see below). This feature is subscription dependent, and different from the call

transfer, which takes place when one/several calls are in progress.

Unconditional Will divert all the incoming calls.

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

Conditional Allows you to choose in which circumstance(s) you want to divert incoming calls: [If no reply](#), [If not reachable](#) or [If busy](#). Each option can be set independently.

Status Will display the status of all call forwarding.

Mailboxes

To enter your voice mailbox numbers (if not available on your SIM card).


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 more information on this subject.

Auto redial

To set the auto redial **On** or **Off**. When **On** if the person you are calling is busy, your phone automatically redials this number until a successful connection is made or until the maximum number of attempts is reached (10). The phone beeps at the beginning of each attempt and emits a special beep if the connection is successful.

The time between redials increases with each attempt.

Any key answer

To accept a call by pressing any key, except , used to reject a call.

Call waiting

With GSM
call

Applies to **All calls**, **Voice calls**, **Fax calls** and **Data calls**. When this option is active, you hear a beep if someone tries to call you while already on a call. Select the **Status** option to find out whether the GSM call waiting is active or not.

This function is subscription dependent. Contact your operator.

With GPRS
call

Allows you to **Activate** or **Deactivate** the call waiting for voice incoming calls while a GPRS connection is ongoing.

Caller ID

To **Show** or **Hide** your identity to your correspondent. The **Status** option will inform you if this function is activated or not.

IP Prefix

To set the prefix provided by your operator (up to 10 digits can be stored) in order to make IP calls.

This function is subscription and network dependent. Contact your operator for configuration parameters.


Call list




Call List

This menu provides you with the list of outgoing and incoming calls, attempts at auto redialling and call details. The calls (made, missed and received) are displayed in chronological order with the most recent on top.





Call list

Select an item and press  to consult the date, time, number, call status of any selected call and to know if it was sent or received.

Press  again to access the options: **Call** or **Call handsfree** or **IP Call** this correspondent, **Send SMS**, **Send MMS**, **Delete** the selected call or **Store** the associated number (if not already in the phonebook).

Reset

To reset the whole list at once.

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

Call counters



Call counters

This menu allows you to handle the cost and duration of your calls.

GSM counters

This menu gives you access to the options described below.

The GSM Call Counters do not include WAP connections. Most options mentioned below are subscription dependent.

Total duration

To **Show** or **Reset** the time duration of **Outgoing/Incoming** calls.

Last call info

To display details on the last call you made.

Info at call end

To set **On** or **Off** the systematic display of the length and/or cost of each call when hanging up.

Total cost

To display the accumulated cost and to set the counter to zero (may be protected by PIN/PIN2 codes).

- **Show** will show how much has been spent, having established the charge rate.
- **Reset** allows to reset the current **Total cost** to 0.
- **Show balance** allows to check the remaining credit (compared with previously set limit).
- **Cancel cost limit** allows to cancel the cost limit.
- **Cost limit** lets you to enter the cost limit used in the Show balance menu.
- **Change rate** allows to set or change the rate per unit. First enter the currency used (three characters maximum), then enter the cost per unit.

GPRS counters

This feature is subscription and network dependent.

Last mobile session

This option will display the last connection session or transfer volume of your mobile phone (e.g. after a WAP connection over GPRS).

Last PC session

This option will display the last connection session or transfer volume of your PC transmission.

The call counters managed by your mobile phone might differ from the ones used by your operator. You should therefore consider the call counters displayed on the screen as informative items, but NOT as the actual charge rate basis.

15 • Operator services

Most items of this menu are subscription dependent and specific to operators. Consequently, the menus shown following may or may not be available. Contact your network operator for details.

The services provided may involve making a phone call or sending a SMS for which you may be charged.



WAP



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

If your phone was pre-configured, it isn't necessary for you to change the settings described in this section. With some operators, settings can be set remotely.

To launch a WAP session, select **Operator Services > WAP > Homepage:**

- | | |
|---|---------------------------------|
| Move ▲ or ▼ | To browse the on-line pages. |
| Press  | To select a highlighted item. |
| Press  | To return to the previous page. |

Press and hold To end the WAP session.



You can also select Options > Exit and press  .


Your mobile phone connects to the network according to the Access settings you have defined in the menu Settings > Network (see page 20).


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 "Options" page 66.

Bookmarks

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


Press  while browsing, then select Bookmarks: the Name and URL fields will be automatically filled in with the information of the page you are browsing.

Select **Add bookmark** and start entering the new name for the edit screen to appear. Press  , then proceed the same way to enter the URL address.

The **Manage bookmarks** menu allows you to **Delete** or **Edit** the selected bookmark.

Enter address

This menu allows you to enter a WAP site address, to which you connect directly when selecting it (a quick way to access WAP addresses without saving them as bookmarks).

All the addresses you enter in this menu and connect to at least once, will appear in a list. Select one of the items and press  to reconnect to the corresponding page, without having to re-enter its complete address.



Settings

**Edit
homepage**

To change the **Homepage** name and address.

Start entering the new name for the edit screen to appear.

**Select
profile**

To select one of the available profiles, then define the connection settings for each of them (press  /  to select / deselect).

All connection settings described below apply to the selected profile.

Security

To display the list of installed security **Certificates** (then display its details or delete it), the **Session info** or the **Current certificate**.

**Rename
profile**

To rename the currently selected profile (start entering the new name for the edit screen to appear).

**Browser
options**

To activate or deactivate the downloading of images attached to WAP pages.

*Selecting **Never** will speed up the global downloading time of the pages browsed.*

Cache

To empty an area of the phone's memory where the pages browsed during a WAP session are stored.


Connection **Select connection** allows you to select one of the data profiles you have defined in **Settings > Access settings** (see page 21).

Bearer allows you to select the type of network used by the selected profile when launching a connection (see page 21).

Proxy address and **Proxy port** allow you to define a gateway address and port number to be used when launching a WAP connection using the selected profile.

Press and hold  to enter "."

Push inbox

This menu allows you to read and manage messages automatically sent to you by the network and / or by your operator. If it contains a WAP address, press  to connect to the WAP site.

Options

While browsing, press  or  key to access:

Homepage To access the default homepage.

Back Brings you back to the previously browsed page.

Forward Takes you to the next browsed page.

Refresh To reload the currently browsed page from its original server.

Save as homepage To save the currently browsed WAP page as the default homepage.

Save as... To save images embedded in the pages that are displayed in the **Picture album**.

Exit To end a WAP session.

GSM strings

The phone supports standard GSM strings that can be used, e.g. to activate the following services:



To activate the call waiting.







To activate the feature call forward if no reply.




To activate the call forward if not reachable.


DTMF tones


You can send DTMF tones (or “touch tones”) to some phone services at any time during a call by pressing any of the keys  to ,  and .


You can also attach a DTMF sequence to a phone number before dialling it (or storing it in the [Contacts](#)). The phone number and the DTMF part must be separated by a wait character.

To obtain a pause or wait character, press and hold . The display shows **w** for wait and **p** for pause. For example, to hear messages (e.g. code 3) on your answering machine (password 8421) at phone number 12345678, you could call: **12345678w8421p3**.

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 number is displayed at the bottom of the screen. The second number is then dialled. You can then:



Press  To select **Switch calls** to toggle between calls (one is put on hold and the other one is then activated).

Press  To hang up the active line (the call on hold remains as such).


Answer a second call


Subscription dependent.

When you receive a second call while already on the phone, the phone emits an alert beep and the screen displays **Call waiting**. You can then:

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

- **Switch calls** to toggle between calls (one is put on hold and the other one is then activated),
- **Conference** to introduce the new caller into a conference call.

Press  To reject the call.

Press  To select **End call** to end the current call, then answer the incoming call.

To receive a second call, you must have deactivated the Call forward for voice calls (see page 60) and activated the Call waiting (see page 61).

Answer a third call

Subscription dependent.



While in communication and one call being on hold, you may receive a third call. You can either end one of the calls before being able to answer the third one or introduce the calling party into a conference (see below). This service is limited to two current communications (one active and one on hold).

Conference call

Subscription dependent.



Conference

You activate the conference call by making several outgoing calls, or create it from a multiparty call context. You may have up to five members at the same time and disconnected all calls at once with . Make a first call with someone, then a second one (see “Make a second call” above). Press  and select

Conference. Repeat the process until five members are connected.

If there is an incoming call during the conference call and there are less than five members, you can accept this new call and add this member to the **Conference** call (if five members are already connected, you can answer the call, but not add it to the conference).

The **Conf. members** options allow you to disconnect a member of the conference by selecting **Remove party**, or select **Private call** to have a private call with this member only (other members are put on hold).

Explicit call transfer

Subscription dependent.

You can connect an active call and a call on hold by selecting the **Transfer call** option. You are disconnected when the transfer is completed.

This feature is different from the Call forward, which takes place before you pick up the call.

Icons & symbols

In idle mode, several symbols can be displayed simultaneously either on external screen or main screen.

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.



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 (4 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.



Home zone - A zone designated by your network operator. Subscription dependent, contact your service provider for details.



GSM Network: your phone is connected to a GSM network.

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



SMS Chat - option is set to **On**.



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



MMS message - You have received a new multimedia message.



Wap message - You have received a message in the wap push inbox.

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 /1800MHz).
- 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 crossed-out dustbin signifies that the battery should not be disposed of with general household waste.



The mobius loop symbol signifies the labelled packaging material is recyclable.



The green point symbol signifies that a financial contribution has been made to the associated national packaging recovery and recycling system (e.g. EcoEmballage in France).



The chasing arrows symbol on the plastic tray and plastic bag indicate that the materials are recyclable and also identifies the plastic material.

Troubleshooting

The phone does not switch on

Remove and reinstall the battery (see page 1). Make sure you plugged the jack of the charger into the correct connector (see “Charge the battery” page 2). Then charge the phone until the battery icon has stopped scrolling. Finally, unplug from the 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.

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 about the network.

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 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.

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. See for complete information on this subject.

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.

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 60).

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

The display shows INSERT YOUR SIM CARD

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

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.

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 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 electro magnetic 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

Make sure you plugged the jack of the charger into the correct connector (see "Charge the battery" page 2). If your battery is completely flat, it might take several minutes of pre-charge (up to 5 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 content 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.

Cigarette lighter adapter

Charges the battery and plugs into any vehicle power outlet.

Deluxe car kit

Designed to operate your Philips mobile phone hands-free and easy to use, this compact hands-free solution offers a high audio quality. Simply plug the kit into the vehicle auxiliary outlet.

In certain countries, telephoning whilst driving is prohibited. For safe and trouble free installation, we recommend that specialized technicians install hands-free car kits.

Deluxe headset

Inline answer button offers you a simplified alternative to searching for the phone. Simply answer an incoming call by pressing the button.

TV Link

This data cable allows you to display a slide show on your TV. Simply connect the data end of the cable to the headset connector of your phone, then connect the video end to the video IN connector of your TV or VCR.

See “TV Slideshow” page 52 for detailed information on how to select pictures and display them in a slideshow.

Data connect kit

Easy data connection to your Philips mobile phone. The USB cable enables 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 software allows you to send faxes and SMS, download pictures and melodies.