firio

## Discover your phone

Antenna

## Earpiece

## Screen

Idle screen displays the time, date and network name.

## "Pick up" key

Call context - Press to answer a call
Idle mode - Press to access the Call list or to dial a number or a name displayed on the screen.

Alphanumeric keypad Press keys to enter numbers and text. Make a long press on a key to activate a programmed hotkey function (see "Hotkeys" page 9).

## Language

In idle mode, press and hold 0 :- to choose a language in which the telephone functions will be displayed.

Navigation key
ldle mode - Use $⿶$ and to increase/decrease ringer volume. Navigation mode - Use $\longleftarrow$ and - to navigate in the menus. $\stackrel{\mathrm{OH}}{\mathrm{V}}$ key
Idle mode - Press to enter the main menu.
Navigation mode - Use this key to validate information.
câ key cancel/back Idle mode - Press to access the Names list, make a long press to lock/unlock the keypad*. Navigation mode - Press to return to previous menu. Edit mode - Press to delete a character, make a long press to delete all characters.

## "Hang up" (\% and "On/Off" key

Press to end a call and to switch your phone on, make a long press to switch your phone off.

## Microphone

* The keypad automatically unlocks when you receive a call. You can still make an emergency call.

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## Memory card

| Switch on/off | Press (\%) to switch On, make a long press (\%) to switch Off. |
| :---: | :---: |
| Enter PIN | Enter your PIN code using the keypad and press on or (\#) to confirm. |
| Make a call | Enter phone number on keypad and press to dial |
| Answer a call | Press when your phone rings. |
| End a call | Press (\%. |
| Quickly access the Names list | In idle mode, press cîn. Browse the list by moving $\hookrightarrow$ or and press to call the selected name. |
| Quickly access the Call list | Press in idle mode. |
| Quickly access the Ringer Volume | Press 4 or - in idle mode to increase/decrease volume and press ${ }^{\text {on }}$ to confirm your choice. |
| Return to previous menu | Press cin |
| Return to idle screen | Make a long press on $\mathbf{c}^{\mathbf{A}}$. |
| Lock/Unlock the keypad | In idle mode, make a long press on cin . |
| Change the language used | Make a long press on © , select the language and press ${ }^{\text {On }}$ |
| Access the menus | Press $\stackrel{\text { OK }}{\nabla}$ to access the menus. Press $\boldsymbol{4}$ or to select a function, then press $\stackrel{\mathrm{OH}}{\nabla}$ to enter the sub-menu. Repeat step 2 until you reach the desired function. |

## Getting started

(b) Read the safety instructions in the "Precautions" section before use.

## Inserting the SIM card

I Remove the SIM card from its holder and insert in its slot, under the metal clip holder, push until it stops. Be careful that the clipped corner of the card is in the correct position as shown opposite.


2 Slide the battery pack into its slot until it stops (I) and push the clip downwards (2).


3 Place the phone's battery cover, by sliding it until the latch catches.


## Charging the battery

(d) Your phone is powered by a rechargeable battery.

- For a full recharging please allow the charger to be connected for about 10 to 14 hours (e.g., over night).
- To optimise battery capacity, allow it to fully discharge 3 times in a row. Then, to maintain its optimal capacity, do not wait until the indicator reaches low (i.e., when only I bar is displayed in the battery indicator).
- Disconnect the battery if you do not use the phone for several days.
- You can use the phone while it is on charge.
- If the battery is completely flat, the battery icon will only reappear after 2 or 3 mn of recharging. Meanwhile, you cannot make a call.
I Once the battery and the battery cover are connected to the phone, plug the connector into the right hand socket at the base of the phone.

2 Then plug the transformer unit into an easily accessible AC power socket. Bars moving attery is charging. Bars steady battery is fully charged.


3 Depending on the network and condition of use, talk time goes from I. 40 to 4 hours and standby time from 8 to 15 days.
(b) The only way to turn off the charger is to unplug it, so use an easily accessible $A C$ power socket. Keeping the mobile plugged to the charger when the battery is fully charged does not damage the phone.

## Customising your phone

You can customise your mobile phone by removing the front cover and the battery door, and replace them with different ones.
(d) You must always remove the battery when customising your phone.

I Press on the top of the battery cover, then push the cover to remove it.
(3) Make sure the phone is switched off before removing the cover.


2 Remove the battery by both lifting the bottom clip and the battery upwards (1), and pushing it downwards (2).


3 Take off the cover by lifting it from the side of the phone, as shown opposite.

4 Then twist it to remove it.
(d) Make sure you handle the product with care when the front is removed, in order not to damage the keys which are then unprotected.

5 Remove the keypad from the front cover you removed, then place it in the new front cover.


6 Put the new front cover on your phone: hook the front housing onto the hinges on the top of the phone (I), then press the bottom down until the latches catch (2).

7 Slide the battery pack into its slots, until it stops (I). Then push the clip downwards (2).


8 Replace the bottom part on your phone by sliding it until latch catches.


## Switch on/off and PIN code

I To swith on the phone, press and hold the (2) key.
2 Depending on your subscription, you might then be prompted to enter
PIMCDIE

## 萨

 the PIN code, which is the 4 to 8 -digit secret code of your SIM card to protect it from abusive use. It can be preconfigured and communicated to you by your operator or retailer. To activate or personalise the PIN code, see "Change codes" page 10.(3) 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.
3 Enter your PIN code. If you make a mistake, press cî̀. Then confirm by pressing ${ }^{\circ \mathrm{K}}$, or (\#2).

## The carousel

A carousel is a loop of icons displayed on the screen, each icon representing a feature or option used to operate your phone:


The first carousel available when you turn on your mobile phone is called the "main" carousel. You access it by pressing ${ }^{\text {on }}$, when in idle mode, and it features the icons shown above. To select the next or previous feature or option, press
 screen. Another sub-carousel or a list will then appear.

## Main features

## Idle screen

Netwark name
回 13:41 th

0 Mar 2001

After switching your phone on and entering the PIN code (see page 6), your phone displays the idle screen which means that it is ready to be used. In idle mode, several symbols can be displayed simultaneously.
(b) If the $\boldsymbol{\psi}$ symbol isn't displayed, the network is not available. You may be in a bad reception area (e.g. in a tunnel): if possible, move to a different location. When browsing lists and menus, the phone automatically returns to idle screen over a 2 mn period of inactivity.

## Symbols

(1) Alarm clock activated.
(X) Silent - Your phone will not ring when receiving a call.
느 Vibra - Your phone will vibrate when receiving a call.
$\square$ SMS message - You have received a new message.

딘 SMS full - Memory for messages is full. Delete old messages to receive new ones.
( Call Forward Unconditional to number - Incoming voice calls are forwarded to a number other than voice mail.

Voice mail - You have received a new voice mail.
E. Keypad lock - Indicates that the keys are protected from being pressed accidentally. Roaming - You are using a network other than your subscribed one.
fir Home zone - You are currently within the home zone. Subscription dependent function, please contact your operator.
皿 Battery - The bars indicate the battery level ( 4 bars $=$ full, no bars $=$ recharging needed).
Trll $Y$ Network: your phone is connected to a network
all Reception quality: the more bars are shown the better the reception is.

3 Call Forward Unconditional to voice mailbox - Incoming voice calls are forwarded to voice mail.

## Make a call

( Before making your first call, ensure you have entered you PIN code as described page 6 and eventually set a code of your choice as explained page 10.
I In idle mode, enter the phone number using the keypad. To edit the number, scroll using $\boldsymbol{4}$ or $\boldsymbol{\wedge}$ and press cîn $_{\hat{A}}$ to delete an incorrect digit.
(3) For an international call, you can enter the " + " key instead of the usual international prefix. To do this make a long press on ${ }_{+}^{(T+}$ before dialling the country code.
2 Press to call and press () to hang up.

## Answer / end a call

I When receiving a call, your phone can ring and/or vibrate. Depending on your subscription and if the caller has permitted this information to be transmitted, his number may be displayed. If the number is stored in your list, the corresponding name is displayed instead of the number.

2 To answer the call, press and press ( $)$ to hang up.
3 To reject a call, press (2) The call is diverted to a number or voicemail if you have activated "Call forward" (see page II), or if you haven't activated this option, the caller hears a busy tone.
d. The phone will not ring if the ringer is deactivated (page 9) or set to Silence via a hotkey (page 9).
During a conversation, you can:

- Lower/raise earpiece volume by pressing 4 or $\downarrow$.
- Mute the microphone by pressing ${ }^{0 \mathrm{r}}$ and selecting Mute.
- Enter a number you want to save by using the keypad. It reappears after the call. Press ${ }^{\circ \mathrm{ok}}$ to store the number or send a SMS.
- Find a phone number by pressing ${ }^{\circ N}$ and select Names, $\boldsymbol{4}$ or to select name and ${ }^{\circ \mathrm{K}}$ to confirm. Press ${ }_{\mathrm{c}}^{\mathrm{c}} \mathrm{A}$ three times to return to the call screen.


## Emergency call

(3) This number depends on the country where you are. Contact your operator.

Depending on the network operator, the emergency number can be dialled without the SIM card inserted. II2 is the standard emergency number for GSM networks (except for UK: II2 or 999). Enter II2 using the keypad then press to dial.

## Lock / unlock the keypad

You can lock the keypad to protect the keys from being pressed accidentally. To lock the keypad, make a long press on câ when in idle screen. The icon appears on the screen. To unlock the keypad, make a long press on cô again.
(b) Notes:

- The emergency number is available even when the keypad is locked and you can still receive calls.
- You must unlock your keypad before switching the phone off.
- It is possible to accept or reject a call even when the keypad is locked. The keypad is unlocked automatically when the phone receives a call, and then re-locks again once the call is finished.


## Hotkeys

Instead of entering the various menus and browsing the lists, you can directly access a specific function thanks to a Hotkey. Making a long press on this key will automatically activate this function. The following hotkeys are pre-defined:

| (0:) | Choose the Language | (1a) $\propto$ | Direct access to your Voice Mailbox |
| :---: | :---: | :---: | :---: |
| 2nec 䢬 | Activates/deactivates the all calls forward to voice mailbox. | (4emit 4 | Convert to Euro |
| (5mer | Send SMS |  | Direct access to Silence |
|  | Convert from Euro | 8 ** | Read SMS |

Depending on your subscription and in addition to the keys listed above, keys (304) and (902) might also be predefined.

## Settings

## Introduction

The Settings menu of your mobile phone allows you to customise your phone by changing the settings related to each available option. In idle mode, press ${ }^{\circ}{ }^{\circ \mathrm{K}}$ and select Settings, then press ${ }^{\circ \mathrm{ok}}$.
Press $\triangleleft$ or to browse the available features, press ${ }^{\circ \mathrm{K}}$ to enter an option and to change it. For each option, press 4 or - to make your choice, press ${ }^{\circ \mathrm{K}}$ to confirm or cô to cancel.

SETTINGS
Sounds
Display
Security
Time and Date
Register again
Call settings

## Sounds



## Ringer volume

To set the volume of your ringer from Silent to High. The Silent mode also applies to key tones.

## Ringer

To select the ringer type of your phone. Scroll through the lis and wait for two seconds to hear the melody.

## Downloadable melody

You can personalise your phone by downloading new ringers of your choice on your operator's web site (this service depends on your operator). From your
personal computer, check on your operator's Internet site the availability, terms and condition of this service and follow its instructions to download the selected ringer tone via SMS. You can then store it as Own melody.

## Display

## Security

## Public names

To restrict calls to numbers entered in your Public Names list

## - Public names

Press 4 or to select $<$ New $>$ to enter a new name and phone number then
press $\frac{\mathrm{on}}{\gamma}$ (PIN2 code is requested). Then select Change or Delete and press ${ }^{\circ \mathrm{K}}$.
. Subscription dependent. Please contact your operator for further details.
Press $\measuredangle$ or to select $<$ New $>$ to enter a new name and phone number then
press ${ }^{\circ \mathrm{K}}$ (PIN2 code is requested). Then select Change or Delete and press ${ }^{\circ \mathrm{K}}$.
(D) Subscription dependent. Please contact your operator for further details.
Press $\measuredangle$ or to select $<$ New $>$ to enter a new name and phone number
press ${ }^{\circ \mathrm{K}}$ (PIN2 code is requested). Then select Change or Delete and pres
Subscription dependent. Please contact your operator for further details.

## Key tones

To activate/deactivate the key tones. Even if Key Tones are set Off, DTMF are played during calls (see page 19).

## New SMS tone

To activate/deactivate an alert beep each time you receive a SMS.

## Welcome sreen

(b) This function is subscription dependent.

To customise the welcome message and associated icon appearing at switch on.
Contrast
To choose from 5 levels of contrast.

## - Call restriction

To activate/deactivate the call restriction to the Public Names list. When activated, you can only access the names present in the Public names list, as opposed to the Names item of the main menu.
(b) This function is subscription dependent and requires a PIN2 code.

Select Call restriction, then Public only to activate or No restriction to deactivate.

## (il)

 Change codesTo change your PIN or PIN2 code to protect access to your phone. Select Change PIN or Change PIN2, enter old PIN / PIN2, then enter new PIN / PIN2.

## PIN protection

When the PIN code is activated you will be asked to enter your PIN code when switching your phone on: select PIN protection then select On/Off.

## Time and date

## St Set date

Set date
Set the date by pressing the alphanumeric keys (you can also set the date by moving 4 or $\stackrel{\text { ) }}{ }$.

## Set time

Set the time by pressing the appropriate numeric keys (moving $⿶$ or $\downarrow$ increases or decreases the time minute by minute).

## Register again

sis When travelling abroad, your phone will register to the network with the strongest reception (Automatic mode). If you wish, select Manual, then a network in the list, your phone will present a list of available networks in your area.
(d) When selecting a network manually, it becomes the default selected network. If needed, select another network or switch back to automatic mode.

## Call settings

## \&8 Call forward

Call forward To redirect all your incoming calls (If no reply, If not reachable or If busy) to a new location :

I Press ${ }^{\mathrm{OH}}$ and select Settings, Call settings, then Call forward.
2 Select Unconditional: all calls are forwarded, your phone will not ring ; or select Conditional: the conditional option will divert all the incoming calls if you don't reply, if you are not reachable or if you are busy.
3 Then select the forwarding option: Cancel, To voice mail, To number.
To deactivate call forward options and receive calls on your phone as normal:
I Press ${ }^{\text {on }}$, and select Settings, Call settings, Call forward, Unconditional.
2 Press ${ }^{\mathrm{OK}}$, select Cancel, then press ${ }^{\mathrm{ok}}$ again.

## Mailboxes

Used to enter your voice mailbox numbers if not available on your SIM card.

## Caller ID

Used to Show or Hide your identity to your correspondent. The status option will inform you if this function is activated or not.
( This function is subscription and network dependent.

## Names, calls and messages

## Introduction

The SIM card of your mobile GSM phone features a phonebook called Names that allows you to enter the names and numbers of your correspondents. The number of names your phonebook can store depends on the card capacity.
(b) The SIM card capacity depends on the type of card you have. Check with your operator for full information on this subject.
The content of your phonebook cannot be deleted at once: names must be deleted one at a time.

As for the Messages menu, it allows you to manage the messages in your voice mailbox, short messages (SMS) to be sent or read, the settings for all messages including broadcast messages. You can delete all messages at once via the Reset command.
< New >
Enter name / Enter number
[Name selected]
Send SMS / Delete / Change / Own Number / Emergency

## Messages

Send SMS / Read SMS /
SMS Settings / SMS
Centre / Signature / Reset
/ Broadcast SMS
District code /
Reception / Topics
Call list
Call list / Reset

## Text Entry

When sending messages, text can be entered in editing screens in two different ways: by using T9 ${ }^{\circledR}$ Text Input, or basic text input. Two other modes for numbers and punctuation marks are also available. Icons in the upper and lower right corners of the screen show the active text mode. You switch from one mode to the other by pressing the $*_{+7}^{\text {Ti }}$ key, and from lower to upper case by pressing the (\#1) key.
Enter text: Eng__ Language used: English

Press the $\xlongequal[*_{+7}]{ }$ key to switch to basic mode, to numeric mode, or to punctuation mode


While in any text mode, press the (112) key to switch from lower to upper case:


## T9 ${ }^{\circledR}$ Text Input

T9® Text Input is an intelligent editing mode for SMS, including a comprehensive word database. It allows you to quickly enter text, e.g. to send a short message. Press only once on the key corresponding to each letter needed to spell a word: keystrokes input are analysed and the word suggested by $\mathrm{T}^{\circledR}$ is displayed in the bottom of the screen. If several words are available according to the keys used, press 0 to browse the list and choose from those proposed by the T9 ${ }^{\circledR}$ built-in dictionary (see example below).


Tegic Euro. Pat. App. 0842463

I Press $\underset{+{ }_{+}^{\text {T }}}{ }$ to enter $\mathrm{T9}^{\circledR}$ mode - unless $\mathrm{T9}^{\circledR}$ symbol is already displayed and to switch between Basic Text Entry/T9 ${ }^{\circledR}$ /digits/symbols.
2 Press keys 2 mac to (one press per letter indicated on the key) to spell the word you want to write.
3 Press 0 : to scroll the words $\mathrm{T9}^{\circledR}$ proposes and select the one you want.
4 Press ${ }^{(1 \pi \omega}$ to confirm. $\mathrm{T}^{\circledR}{ }^{\circledR}$ inserts it in your message and adds a space.
Press côn $^{A}$ to delete the previous digit/make a long press to return to idle screen, make a long press on ${ }_{\mathrm{c}}^{\mathrm{a}}$, to return to idle screen and press $\leqslant$ or $\downarrow$ to move cursor left or right.

Example: to enter the word "home":
I Press (4 4 mm ) 6 mmon The screen displays the first word of a list: Good.

T9
2 Press o: to scroll and select Home.
3 Press to confirm Home.

## Basic Text Entry

Each key allows you to obtain several characters. Quickly press the same key several times to reach the desired character. Example: to enter "my hat!"

| To obtain | m | y | space | h | a | t | ! |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Press | $6 \mathrm{mmo}$ once |  | $\begin{aligned} & \text { Imod } \\ & \text { once } \end{aligned}$ | (4em) twice quickly | 2mec once | ${ }_{\text {onve }}$ |  |


| Key | Characters | Key | Characters |
| :---: | :---: | :---: | :---: |
| (1\%0) | space I @_\#=<>() \& $£$ \$ $\ddagger$ | 7 ${ }^{\text {P }}$ : | PQRS $7 \beta \Pi \Theta \Sigma$ |
| 2 mec | A B C 2 A ÄÅ ¢ Ç | 8 wow | TUV8ÜU |
| (307) | DEF3ÉE $\Delta \Phi$ | (9072) | WXYZ $9 \varnothing \Omega \Xi \Psi$ |
| (4mm) | G HI 4 Г I | (0) | .0,1:;"'! ${ }^{\text {? }} i^{*+-\%}$ |
| 5 mm | JKL5 | * ${ }^{\text {+ }}$ | Switch between Basic Text Entry / T9® / digits / symbols |
| 6 mmo | MNO6NOÖ | (11:) | Switch between Upper/Lower/Auto Case |

## Names

The Names menu is your directory. You can enter new names, write and send them messages and consult the list of records. Names are listed in alphabetical order. You scroll through the list pressing $⿶$ or $\downarrow$, or by entering the first letter of the name (e.g., press the bman once to reach names starting with " M ", 3 times for names starting with "O").
<New>
Press ${ }^{\text {on }}$, select <New>, enter a new name using the Basic Text Entry mode (see page 9), and press ${ }^{\circ \mathrm{h}}$ to confirm. Enter the phone number and press ${ }^{\mathrm{ok}}$.

## Selected Name

In the names menu, select a name and press ${ }^{\circ ⿴ 囗}$ correspondent, Delete the selected name and number (press $\stackrel{0 \mathrm{~K}}{\mathrm{r}}$ to confirm), or Change the selected name and all related information.

## Own number

Depending on your subscription, selecting Own Num. displays your own mobile phone number. If your SIM card doesn't contain your phone number(s), an editing screen allows you to store it (or them). We advise you to enter your mobile number(s) as well as any other relevant information.
( Although all its fields can be empty, the Own num. card cannot be deleted and is always present.

## Emergency

Displays the emergency call number. Press to dial.

## Messages

You can send text messages (SMS) to other GSM phones and receive messages on your phone: either a standard message or one you compose, to which you can attach an "emotion icon". The receiver must have a Philips mobile phone that supports this feature to see the icon, or it will be replaced by its equivalent translation code at the end of the message received.
To send messages, you must first enter a service centre number (see page 16). If this is not stored in your SIM card, ask your operator for it.

Send SMS or Reply
Press ${ }^{\mathbf{O K}}$, and select Messages, Send SMS and press ${ }^{\circ \boldsymbol{\circ}} \boldsymbol{\gamma}$. Select a name or select New to enter a new number. Press ${ }^{\circ \boldsymbol{O K}}$ and select New to enter and send a new message, Standard to send a predefined message, or Melody to send a melody together with your message (other than standard, 30 characters max.)
b You can only send melodies that are out of copyright.
Once you selected or wrote your message, select Add icon to add an icon to your message, then select Save or Send now and press $\stackrel{\circ \mathrm{K}}{\nabla}$.

Read SMS
Consult the list of SMS you have saved and received. They have the following icons:
$\square$ Received unread Saved Received read

Once you read a message, press ${ }^{\circ \mathrm{OK}}$ to Reply, Forward to, or Delete this message.


Signature

Clear SMS
The whole SMS list can be cleared at once: press ${ }^{\mathrm{on}}$ and select Messages, then Reset and press ${ }^{\text {on }}$ to empty the call list.
(3) Deleting your SMS list is useful to free memory space in order to store new messages.

## SMS settings

This menu allows you to customise your SMS via the options described below.

- SMS centre

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

## - Signature

To send a signature together with your SMS (i.e., characters showing your default account number and name). This signature is transmitted at the end of your message. The length of the message is consequently reduced. You can edit the signature, modify and save it.

## Broadcast SMS*

You can receive short messages from your network about specific topics of interest to you (eg. weather, news, sports).
( *Subscription dependent. Please contact your operator for further details.

## - Reception

To activate/deactivate the reception of cell broadcast messages.

## - 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. If you select an existing type in the list, you can change or delete it. 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

The District codes menu allows you to select the type of messages you would like to be permanently displayed on the idle screen. As a result, for this special handling of the message, you must enter the type in both the

District code and the Topics menu. The corresponding type will then be recognised in the Topics list with a

## Call list

 missed and dialled (your Call list stores a maximum of 10 numbers).
## Call list

Press ${ }^{\circ} \mathrm{OK}$ then select Call list and press $\stackrel{0 \mathrm{~V}}{\boldsymbol{\gamma}}$ twice to consult the date, time, number, call status of any selected call and to know if it was sent or received. Press ${ }^{\circ / \mathrm{K}}$ for access to a carousel which allows you to Send a SMS to this number or Delete the selected call. You can also call this number or store it by entering the associated name (if not present in your phonebook).
(d) You can directly access the Call list by pressing while in idle mode.

You can also select a record in the Call list and press to dial the corresponding number.

## Reset

Press ${ }_{\gamma}^{\mathrm{OK}}$ then select Call list, press ${ }^{\mathrm{ok}}$ and select Reset to delete the content of your call list. Press ${ }^{\circ \mathrm{ok}}$ to confirm.

## Extras

## Introduction

The Extras menu features easy-to-use items such as Call counters which will let you manage your call costs, a Euro converter, a Calculator and an Alarm clock.

## EXTRAS

Euro converter Calculator
Alarm clock
Call counters

## Euro converter

(3) The currency used for the conversion is determined by the country where you have subscribed. The Euro converter is available only in countries using the Euro. The -> Euro menu enables you to convert a sum into Euros by entering the amount and pressing ${ }^{\mathrm{OH}}$.
The <- Euro menu enables you to convert a sum from Euros by entering the amount and pressing ${ }^{0 \mathrm{~K}}$.

- These two options are preset as hotkeys (see "Hotkeys" page 9).


## Calculator



Calculator
Addition By pressing the $*_{+ \text {Ti }}$ key．
Subtraction By pressing the ${ }^{\Pi_{+}^{5}}$ key twice．
Multiplication By pressing the ${ }_{* T}$ 早 key 3 times．
Division By pressing the $*_{+}^{(T)}$ key 4 times．
Equals By pressing the（\＃）key．
The figures are entered using the keypad．Calculator accuracy is to 2 decimal places and is rounded up to the higher decimal figure．Press ${ }_{\text {cin }}^{\hat{n}}$ to correct the numbers．Make a long press on 0 to get the dot．

## Alarm clock

（1）This menu allows you to set the alarm clock：Once activates the alarm at a set Alarm dock hour on a set day，Every day activates the alarm at a set hour every day．
（d）The alarm clock will ring even if you turned you phone off，but NOT if the Ringer volume is set to Off（see page 9）．You cannot set the alarm clock volume independently of the ringer．Press any key to stop the alarm ringing．

## Call counters

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

## 号 <br> Accum．call timers

## Accumulated call timer

To check the duration of incoming and outgoing calls and set counters to zero．

## Accumulated cost

Accum．cost
To check the accumulated cost and set the counter to zero（subscription dependent）．
（Q）Shows how much has been spent，having established the charge rate．

Cancels the cost limit．It may be protected by PIN or PIN2 codes（depending on your subscription）．
Resets the current Accumulated cost to 0 ；requires your PIN or PIN2 code．

Allows you enter the cost limit used in the Show balance menu．

Allows you to check the remaining credit（compared with previously set limit）．

To set or change the rate per unit. Enter the currency used (three characters max.) then enter the cost per unit.

## Last call information

To display the duration and/or cost of your last call (subscription dependent).

## Operator services

## Touchtones (DTMF)

Your phone keys always transmit DTMF tones (Dual Tone Multiple Frequency) also known as "touchtones". These tones are used to operate services that you can reach with your phone, such as a pager or an answering machine. E.g., commands to consult your answering machine:

| Dial your number | Make a long press on (\#) | Dial your password | Make a long press on (\#12) | Dial the "New messages" code |
| :---: | :---: | :---: | :---: | :---: |
| e.g. O123456789 | "Wait" signal | e.g. 9876 | "Pause" signal | (300) |

Your screen displays: 0123456789w9876p3. Press to dial.

## Make a second call*

010:1542 [me Toll To can make a second call during an active call or during a call on hold, dial the second number and press . You can then also switch between calls. - To switch between calls, press ${ }^{\circ n}$ and select Switch calls.

- To end a call: press © to hang up active line.
- To end the call on hold: select Switch calls, then press (2).


## Answer a second call*

You can receive another call while on a first call. Your phone will emit an alert beep during a second call and the screen will display "Call waiting". Press to accept the second call, or press ) to reject the call.

## Autoredial*

When you dial a number and your correspondent is busy, your phone offers the function of automatically redialling. A beep will sound for each redial attempt and a special beep informs you when the connection has been made; then press
to accept the call. Press any key to end autoredial. Any action on your phone will terminate autoredial.

$\boldsymbol{\theta}$

* Subscription dependent. Please contact your operator for further details.


## Precautions

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.

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.
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.
Inadequately protected or sensitive electronic equipment may be affected by radio energy. This interference can lead to accidents.

## Always switch off your phone



- Before boarding an aircraft and or when packing the phone in your luggage.
- In hospitals, clinics, other health care centres and anywhere else where you may be in the close vicinity of medical equipment.
- If you are a user of a pacemaker or hearing aid, or expect to use your cellular phone in the immediate vicinity of someone who does, then take the precautionary steps described below.
- Consult your physician and pacemaker or hearing aid manufacturer to learn whether your particular device is susceptible to cellular phone interference.
- Carry and hold your cellular phone at safe distance from the implanted pacemaker device and electrode ( 20 cm is generally accepted as a "safe distance", however it is advisable to check with your physician and pacemaker manufacturer).


## Always switch off your phone and do not remove the battery



- 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.

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): place the antenna up over your shoulder while holding the earpiece to your ear.
- For best performance, avoid touching the antenna while a call is in progress.
- 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 24 hrs before using them again.
- To clean the phone, wipe it with a soft cloth.
- Placing and receiving calls consumes the same amount of battery energy. However, the mobile consumes less energy in idle screen when kept in the same place. When in idle screen and while you are moving, your phone consumes energy to transmit updated location information to the network. Setting the backlight for a shorter period of time as well as avoiding unnecessary navigating in the menus will also help to save the battery's energy for longer phoning and stand-by performances.


## Information displayed on the battery

- Your phone is powered by a rechargeable battery.
- Use specified charger only.
- Do not incinerate.
- Do not deform or open the battery.
- Do not allow metal objects (such as keys in your pocket) to short circuit the battery contacts.
- Avoid exposure to excessive heat $\left(>60^{\circ} \mathrm{C}\right.$ or $\left.140^{\circ} \mathrm{F}\right)$, 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.
Do not use your phone with a damaged antenna. If you touch a damaged antenna, you may suffer a minor skin burn. Have a damaged antenna replaced immediately by a qualified technician. Make sure it is replaced with a genuine Philips replacement part.

## 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 airbags 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 $40^{\circ} \mathrm{C}$.

## 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.

| Battery: | The crossed-out dustbin signifies that the battery should not be <br> disposed of with general household waste. |
| :--- | :--- |
| Packaging: | The mobius loop symbol signifies the labelled packaging material is <br> recyclable. |
|  | The green point symbol signifies that a financial contribution has been <br> made to the associated national packaging recovery and recycling <br> system (e.g. EcoEmballage in France). |

## Troubleshooting

| PROBLEM | SOLUTION |
| :---: | :---: |
| The phone does not switch on | Remove and reinstall the battery (see page 3). Then charge the phone until the battery icon has stopped flashing. 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 $\Psi$ and .all symbols are 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 or contact your operator for assistance or information about the network. |
| The display doesn't respond (or responds slowly) to key pushes | 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. <br> In other cases please contact your phone supplier. |
| Your phone doesn't go to idle screen | Make a long press on cît , or switch off the phone, check that both SIM card and battery are installed correctly, and switch it on again. |
| Your phone doesn't display the phone numbers of callers | This feature is network and subscription dependent. If the network doesn't send the caller's number, the phone will display Call I instead. Contact your operator for detailed information. |
| You can't send text messages | Some networks don't allow message exchanges with other networks. Contact your operator for detailed information. |
| When charging, the battery icon shows no bars, outline is flashing | Only charge the battery in an environment where the temperature does not go below $0^{\circ} \mathrm{C}\left(32^{\circ} \mathrm{F}\right)$ or above $50^{\circ} \mathrm{C}\left(113^{\circ} \mathrm{F}\right)$. In other cases please contact your phone supplier. |

$\left.\left.\left.\begin{array}{|l|l|}\hline \begin{array}{l}\text { You are not sure } \\ \text { that you are } \\ \text { receiving calls } \\ \text { properly }\end{array} & \begin{array}{l}\text { To receive all calls, make sure that none of the features } \\ \text { "Conditional call forward" or "unconditional call forward" is } \\ \text { activated (see page II). This network and subscription dependent } \\ \text { feature may display one of the following icons: }\end{array} \\ \hline \text { call forward unconditional to number }\end{array}\right\} \begin{array}{l}\text { Also note that backlight and vibra alerts will automatically be } \\ \text { deactivated when the phone temperature reaches } 60^{\circ} \mathrm{C} \text {. Althought } \\ \text { you can still receive calls in this case, you might not be aware of } \\ \text { incoming calls, e.g. if you set your volume to silent. }\end{array}\right\} \begin{array}{l}\text { When attempting } \\ \text { to use a feature in } \\ \text { the menu, the } \\ \text { mobile displays not } \\ \text { allowed }\end{array} \begin{array}{l}\text { Some features are network dependent. They are only available, } \\ \text { therefore, if the network or your subscription supports them. } \\ \text { Contact your operator for detailed information on this subject. }\end{array}\right\}$

## Glossary

DTMF Dual Tone Multi Frequency. The tones are transmitted by the phone to the network. Used to interrogate answering machines, transmit codes, etc.

| GSM | Global System for Mobile communications. Type of network used by your |
| :--- | :--- |
| Network | phone. |
| Home | The network to which you subscribe to. | network

Home A particular area within your home network. If this feature is provided by Zone**

Idle screen This is the screen displayed after registering to your network, in idle mode. Multi-call Two calls are in progress, one active and one on hold.
PIN code* Personal Identification Number. The secret code of the SIM card.
PIN2 code* Secret code that allows you to access certain SIM card dependent features.
Public Function that allows you to restrict dialling to selected numbers.
PUK /PUK2 Secret code used to unblock your SIM card if a wrong PIN/PIN2 code is code*
Roaming Using your phone in a network other than your home network. SIM card*

Subscriber Identification Module card. The card which allows you to make phone calls with your GSM phone and access the services of your network operator.
SMS** Short Message Service. This service provided by the operator allows you to send and receive short written messages.
T9 ${ }^{\text {TM }}$ Text Efficient method of text input that requires just one key press per letter (see Input page 13).
(b) * Provided by your service operator
** Subscription dependent. Please contact your operator for further details.

## Philips authentic accessories

When performance counts... Philips Authentic Accessories are designed to maximise the performance of your Philips mobile phone.

## Cigarette Lighter Adapter

- Charges the battery while you use your phone.
- Plugs into virtually any vehicle power outlet.


## Compact car kit

- Designed to operate your Philips mobile phone hands-free, using the built-in speakerphone unit and the mobile's microphone.
- Simply plug the kit into the vehicle auxiliary outlet.
- Easy to use, this compact hands-free solution offers a high audio quality while also charging your mobile.


## Deluxe and extra-deluxe hands-free headsets

- In-line answer button offers you a simplified alternative to searching for the phone keypad: you answer an incoming call just by pressing the button.
- Xtra Deluxe headset is a painted version featuring high quality metallic finish.

CKLR I2/P - 991| 240 34118


CKSK 20/P - 991I 24034306


E E

Deluxe headset
HSLD I5/P - 991I 24I 30024
Xtra Deluxe headset
HSUX 38/P - 9911 24I 31006


Carry Case with belt clip - PBFR I2/P - 99II 24036049 (available depending on country)

- Protects the phone from nicks and scratches.
- The belt clip makes your phone easy to carry.
- Expandable to accommodate any battery size.

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

## Declaration of conformity

We, Philips France
Mobile Telephony Business Creation Team
Route d'Angers
7208I Le Mans cedex 9
FRANCE
declare under our sole responsibility that the product
CT 1208
Cellular Mobile Radio GSM 900/GSM 1800
TAC: 449686
to which this declaration relates, is in conformity with the following Standards:
EN 60950 and ETS 300 / 342-I
CTR's 19/20 and CTR's 3 I/32
We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10(5) and detailed in Annex $V$ of Directive 1999/5/EC has been followed related to articles 3.1 and 3.2 with the involvement of the following Notified Body:

## BABT, Claremont House, 34 Molesey Road, Walton-on-Thames, KTI2 4RQ, UK

Identification mark: 0168
The technical documentation relevant to the above equipment will be held at:
Philips France, Mobile Telephony Business Creation Team
Route d'Angers
7208I Le Mans cedex 9
FRANCE

Le Mans, 24 October, 2001
Jean-Omer Kifouani
Quality Manager

