

M 900

M 901

M 902

USER GUIDE



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ABOUT YOUR PHONE

This mobile has been provided for your use by your telephone system administrator.

You have a M 900*, a M 901 or a M 902* (See specific functions p. 21). Your administrator will give you a personal phone number and will tell you which system features you can access.

Your phone number:

Your mobile is based on DECT digital transmission technology, which guarantees excellent audio quality without any background noise, while ensuring total confidentiality.

To get the most out of your handset, please read this user guide carefully.

This package contains:

- The present user guide
- A mobile with battery
- A battery
- A battery charger
- A power lead with transformer
- A belt clip kit

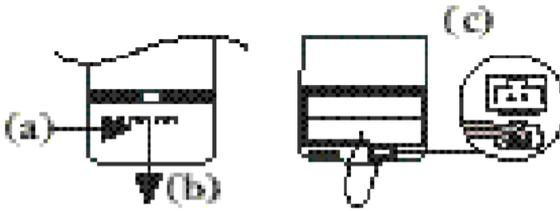
Upkeep

Clean your phone using a soft cloth slightly moistened with a mild soap and water solution and then wipe it with a dry cloth. Do not use solvents or household detergents, as they can damage the surface. You should regularly clean the metal charge pins on the battery charger and the mobile using a soft cloth moistened with alcohol.

* Subject to country availability.

INSTALLING THE BATTERY

1• Connect the battery:



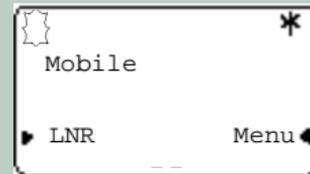
- Open the cover: press (a) then pull (b).
- Insert the battery (connector wires exit on top).
- Connect the battery to the connector (c).
- Replace the cover.

2• Connect the transformer to the charger. Plug the transformer into a mains socket.

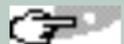
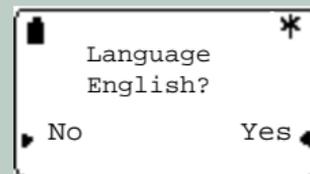


* See **ADVICE AND SAFETY** p.26

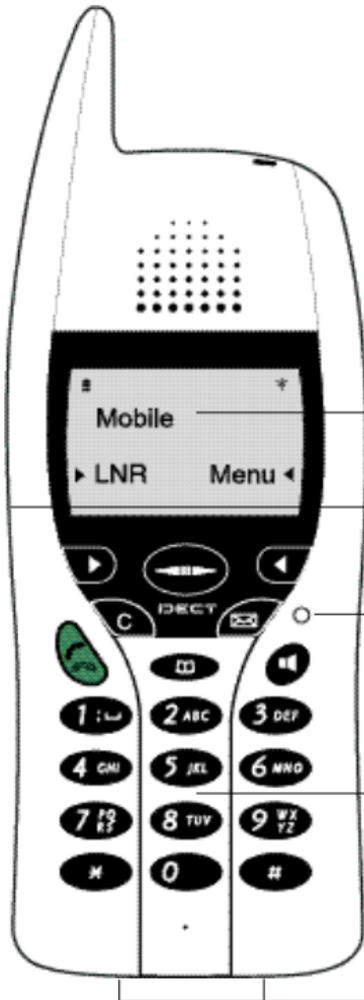
3• Place the mobile in the charger and leave it to charge. Before using the mobile for the first time leave it to charge for at least 12 hours (see p. 25). The battery icon  on the display flashes.



4• Once the battery is completely charged, you can select a language from the scrolling list: press **Yes** , when «English» is displayed, for example.



FEATURES OF THE MOBILE



Receiver and loudspeaker volume

(side)

Receiver

Loudspeaker
(rear)

Display

Headset connector

(side for M 901 and M 902*)

Reset button

Numeric keypad

Microphone

Charge pins

- Press this key to place a call, hang up or answer a call.

- Press this key during a call to activate Hands Free mode: you can continue talking within about 50 cm of your mobile which must be positioned upright or face down on a table. To cancel Hands Free mode and return to discrete mode, press the same key again.



- When you receive a call, press this key to stop the sound ringer and/or the vibrator.



During a call, press this key to adjust:

- the receiver volume during a normal call,
- the loudspeaker volume in Hands Free mode.

- Press this key to enter, delete, consult and call numbers stored in your directory.



- When the ► or ◀ arrows appears on the display, press one of these scroll-keys to **confirm** the function or choice shown.



- Use these keys to **browse** the menu.



- Press this key to turn the mobile on or off and to lock the keypad.

You can also use this key to exit a menu.



Note: on these models, the  key is not used.

BELT CLIP

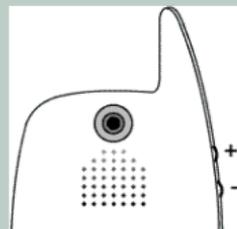
Mounting instructions

Firstly, clean all surfaces using a cloth moistened with alcohol.

1• Remove the adhesive protection and place it on the rear tab.

2• Position the tab on the mark on the rear of the mobile above the loudspeaker holes. Press firmly.

Leave the tab on the mobile for 72 hours before use.



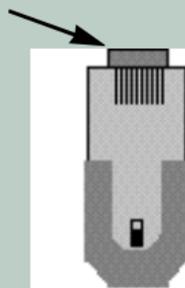
Instructions for use

The clip is used to attach the mobile to your belt.

1• Slide the tab into the clip to attach the mobile.

Caution: the mobile must not be wedged against your chair when you are seated.

2• To remove the mobile, press the upper part of the clip and slide the mobile upwards.



THE MOBILE'S DISPLAY

The mobile screen displays short information and status messages.

The display has three 12-character lines, a 2-digit counter and a set of icons at various positions on the screen.

In the example opposite:

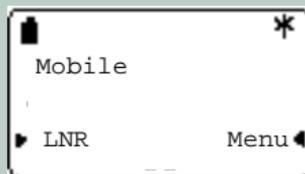
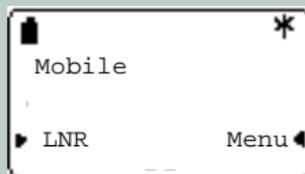
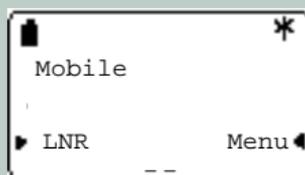
- the mobile is idle.
- the battery is fully charged.
- the signal strength is adequate.

- You can access **LNR** via the **Speed key**.

This programmable key enables you to provide direct access to an emergency number or an other menu function (see on page 22).

By default, this key is assigned to the Last Number Redial function.

- You can also access the **Main Menu** (see on page 11).

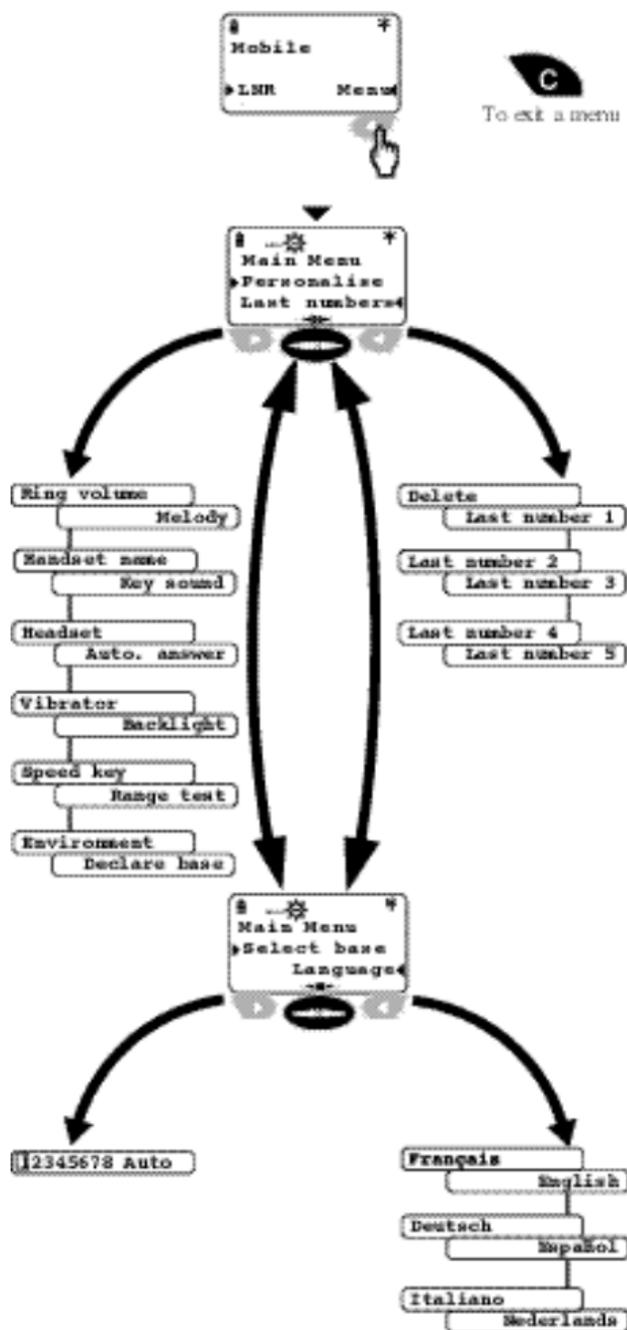


ICONS ON THE DISPLAY

- This icon indicates the battery charge level. It is divided into three segments, corresponding to three charge levels. Each segment represents approximately one third of the total battery charge level. The icon flashes when the mobile is placed in the charger to indicate that it is charging.
- This icon indicates that the ringer has been deactivated.
- This icon indicates that the signal strength is adequate. The message “Out of range” means that you are outside the coverage area.
- This icon on the 3rd line on the bottom right of the display indicates that the function shown on this line can be activated by pressing the  key.
- This icon on the 2nd or 3rd line on the left of the display indicates that the function shown on these lines concerned can be activated by pressing the  key.
- This icon indicates that you can press the corresponding  scroll key to access another menu or to program a function.
- This icon indicates that the keypad is locked.
- This 2-digit counter indicates the entry from the directory or the number of menu for direct access to it.



MENU FUNCTIONS



MAKING A CALL

Direct dialing

- 1 – Press 
- 2 – Dial the number you wish to call



Phone number

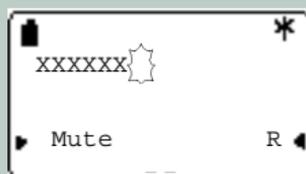
Direct dialing in Hands Free mode

- 1 – Press  .
- 2 – Dial the number you wish to call.
Once connected you can talk in Hands Free mode (within 50 cm of the mobile).



Phone number

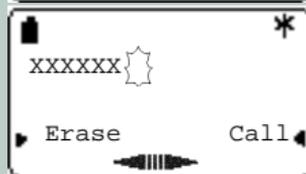
- To switch to discrete mode and cancel Hands Free mode:
 - press  again.
- To return to Hands Free mode:
 - press  .



Predialing

- 1 - Dial the number on the keypad.
 - Press  **Pause** within 2 seconds to program a pause after the line seizure prefix.
 - After 3 seconds, the following option appears:  **Erase** to delete the last digit if incorrect.
- 2 - Press **Call**  to initiate the call.
Line seizure occurs and the number is dialed automatically.

Phone number



MAKING A CALL

Using the Last Number Redial function

The last 5 numbers called are stored and you can automatically recall any of them.

Note:

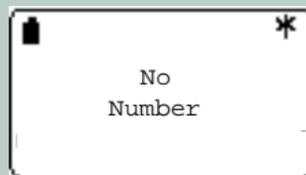
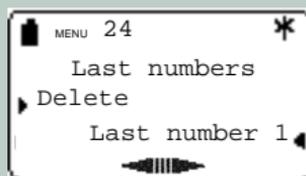
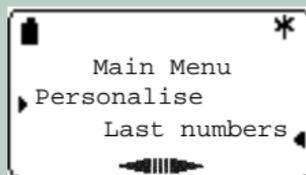
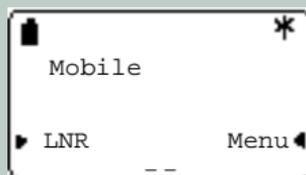
You can also access this function by pressing the Speed key which is assigned to the **Last Number Redial** function by default (see p.9 and p.22).

- 1 – Press **Menu** ◀
- 2 – Press **Last numbers** ◀ to display the last number dialed.
 - To display the others last numbers:
 - press .
- 3 – Select the last number you wish to recall.

Line seizure occurs and the number is dialed automatically.

- To delete all the numbers stored by the LNR function:
 - press ▶ **Delete** and then **Yes** ◀.

Note: In this case, when you press **Last numbers** ◀, «No Number» is displayed.



DURING A CALL

Adjusting the receiver or loudspeaker volume

- Press the  keys on the side of the mobile.
 - If the loudspeaker is on, the loudspeaker volume is adjusted (2 levels)
 - If the loudspeaker is off, the receiver volume is adjusted (5 levels).

Note:

Beeps indicate the highest and lowest levels.

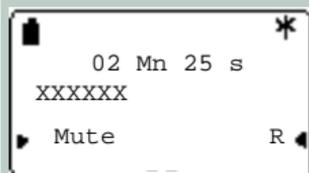
Mute function

- 1 - Press  **Mute** to mute the microphone and to talk aside.
- 2 - Press  **Unmute** to reactivate the microphone.

Three-party conference calls

Firstly, set up a call with the first conference member.

- 1 - Press **R**  to place your first conference member on hold.
- 2 - Dial the second number.
- 3 - Press **R**  and then key **3** to set up the three-party conference call.
 - If the second number does not answer,
 - press **R**  and then key **1** to return to the first conference member.



ANSWERING A CALL

- To answer the call when the mobile rings:
 - press 
 - or
 - press  .

Note:

When the mobile rings, you can stop the sound ringer (and the vibrator if activated) by pressing  key on the side of the mobile. You can then decide whether to answer the call.

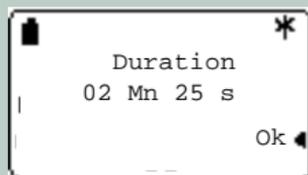
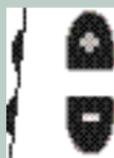
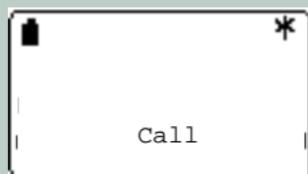
At the end of a call

- Press  .

Note:

When you hang up, the display briefly shows the call duration.

- Press **Ok**  to clear this display.



DIRECTORY

You can store the numbers (and names) you call most often.

Each mobile has a personal directory for storing up to 20 numbers.

Storing a number

• 1 - Press .

• 2 - Press **Add** .

The display shows the first unused memory location.

Note:

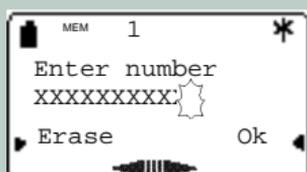
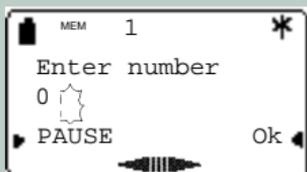
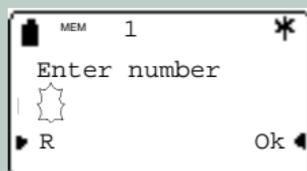
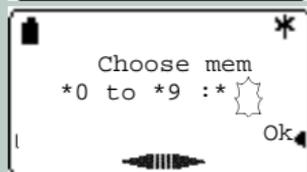
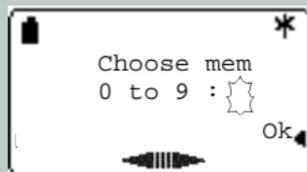
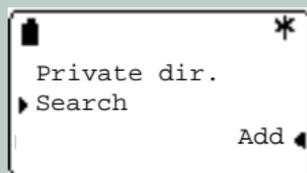
You can select a different memory location:

- Memories **0** to **9**: enter the digit directly on the keypad
- Memories ***0** to ***9**: press  before entering the digit.

• 3 - Press **Ok** .

• 4 - Enter the telephone number you wish to store:

- To program an **R** (flashing) before the number,
 - select  **R**.
- To program a pause after the external line seizure prefix (e.g. 0),
 - select  **Pause** after entering the prefix (within 2 seconds).
- If you enter an incorrect digit:
 - press  **Erase** or select the digit to be replaced and enter the correct digit.



DIRECTORY

- 5 - Select **Ok** ◀ once you have entered the complete telephone number.

The display then prompts you to enter a name (optional).

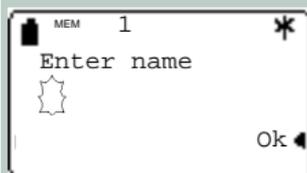
You can confirm the number entered without entering a name by pressing **Ok** ◀ or follow the instructions given below.

- 6 - Enter the name using the corresponding letters on the keys.

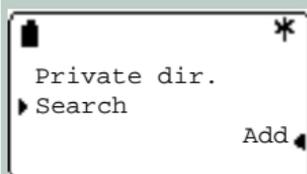
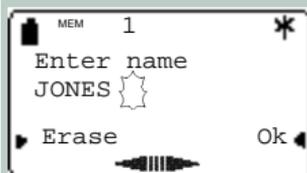
To do this:

- Select the letter required by pressing on the appropriate key as many times as is necessary until the letter appears.
- Wait (approx. 3 seconds) until the cursor shifts to the next space before entering another letter on the same key, or press another key without waiting.
- If you enter an incorrect character,
 - press ▶ **Erase** or use  to select the character to be replaced, and enter the correct character.

- 7 - Press **Ok** ◀ to confirm. You can then store another telephone number.



- 1 = -/space
- 2 = ABC
- 3 = DEF
- 4 = GHI
- 5 = JKL
- 6 = MNO
- 7 = PQRS
- 8 = TUV
- 9 = WXYZ



DIRECTORY

Consulting

- 1 - Press .
- 2 - Press  **Search**.
The first two names in the directory are displayed.
- 3 - Use  to consult the names and numbers stored in your directory.
- 4 - Select the name (or number) you wish to change or call.

Note:

To access a directory number quickly:

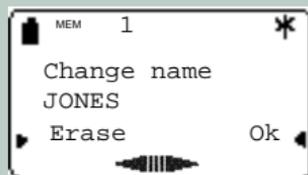
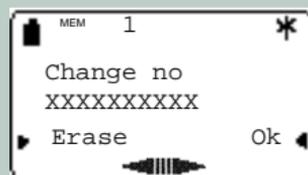
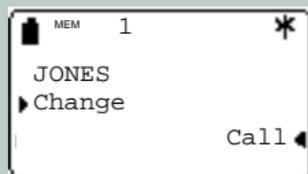
- Press  and enter the memory number directly on the keypad (0 to 9 or  0 to  9).

Changing or deleting an entry

- Press  **Change** and then change the name or number as required.
- To change only the name:
 - select **Ok**  when the number is displayed.
- After changing the name:
 - select **Ok**  to confirm.
- To delete a memory:
 - press and hold  **Erase** and then press **Yes** .

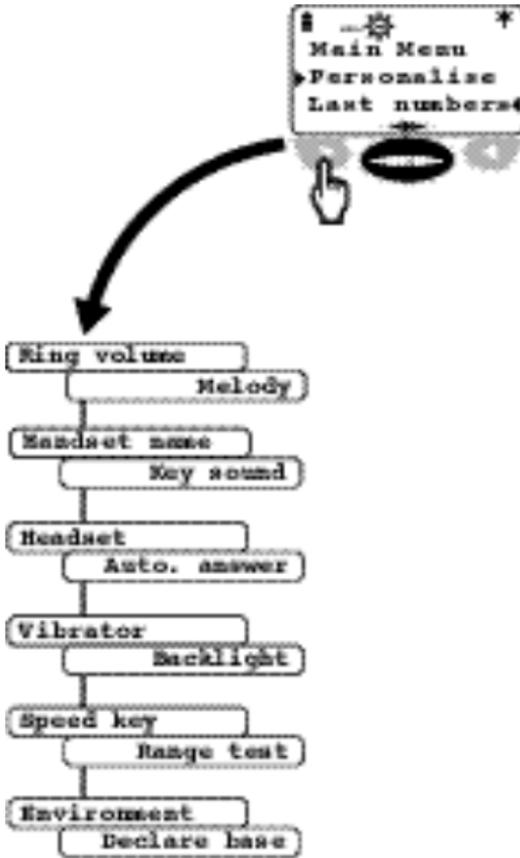
Calling a directory number

- Press **Call**  to call the number or name displayed.
Line seizure occurs and the number is dialed automatically.



PERSONALIZING YOUR HANDSET

The following functions are used to personalize your mobile:



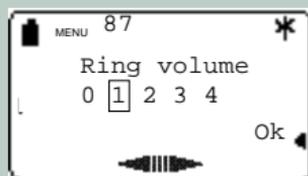
You can also access these functions by selecting **Menu** and then entering a specific code. The table below shows the corresponding function codes:

Mobile	22	Select hawn	64	Headset
PNR Menu	24	Last numbers	74	Range test
	20	Key sound	63	Speed key
	32	Backlight	84	Vibrator
	33	Declare base	86	Handset name
	65	Melody	87	Ring volume

PERSONALIZING YOUR HANDSET

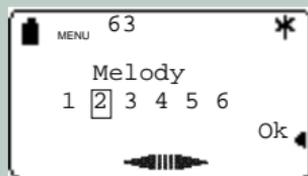
Ring volume

- 1 - Press **Ring volume**.
- 2 - Select a volume level from **1** to **4** using  or the keypad.
 - To deactivate the ringer:
 - Select **0**.
 - (the  icon is displayed as a reminder)
- 3 - Press **Ok**  to confirm.



Melody

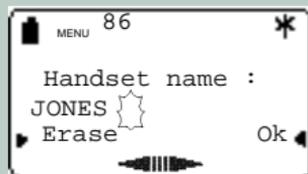
- 1 - Press **Melody** .
- 2 - Select a melody from **1** to **6**.
- 3 - Press **Ok**  to confirm.



Handset name

This function enables you to change the default name of your mobile («Mobile») and assign it another name.

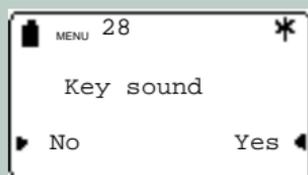
- 1 - Press **Handset name**.
- 2 - Enter, for example, your surname (10 characters maximum) in the same way as when entering a name in the directory (see page 17).
- 3 - Press **Ok**  to confirm.



Key sound

By default, each time you press a key on the keypad, a beep is emitted to indicate that the action has been registered. You may turn off the key sound, if required.

- 1 - Press **Key sound** .

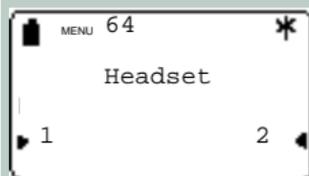


PERSONALIZING YOUR HANDSET

Headset (on M 901 and M 902*)

This function enables you to adjust the type of headset (► **1** ou **2** ◀) you wish to use (please, consult your administrator).

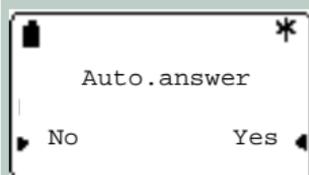
- 1 - Press ► **Headset**.
- 2 - Select a headset type.



Automatic answer

This function enables you to program automatic hook-off 10 seconds after the start of an incoming call.

- 1 - Press **Auto. answer** ◀.
- 2 - Press ► **No** or **Yes** ◀ as required.

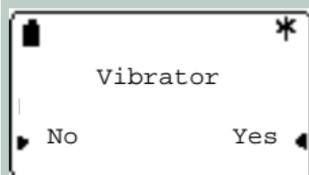


Vibrator (on M 901 and M 902*)

This function allows to activate or deactivate the vibrator with (or not) the ring when there is an incoming call.

Note: If you want to activate only the vibrator when you receive a call, you have to turn off the ringer as described on p.20.

- 1 - Press ► **Vibrator**.
- 2 - Press ► **No** or **Yes** ◀ as required.



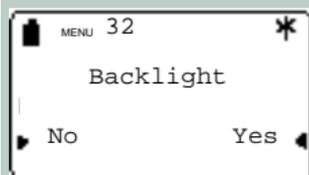
Backlight (only on M 902*)

This function enables you to deactivate or activate display and keyboard illumination.

- 1 - Press **Backlight** ◀.
- 2 - Press ► **No** or **Yes** ◀ as required.

Note: The backlight is limited at 8 s.

Battery level will be reduced when using with display and keyboard illumination.



PERSONALIZING YOUR HANDSET

Speed key

By default, this key is assigned to the Last Number Redial function. However, you can assign it to an emergency number or to provide direct access to a menu function that you use regularly.

Note:

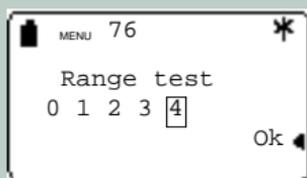
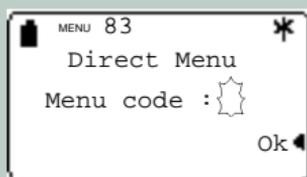
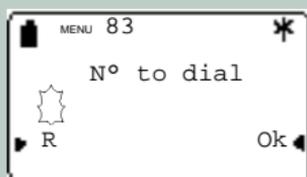
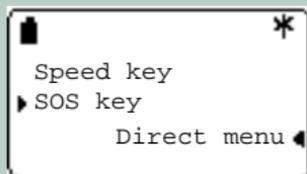
The process to enter numbers and names is the same as that described pages 16 to 17.

- SOS emergency number
 - 1 - Press ► **SOS key**.
 - 2 - Enter the emergency number.
 - 3 - Press **Ok** ◀.
 - 4 - Enter the title (5 characters maximum).
 - 5 - Press **Ok** ◀ to confirm.

- Direct access to a menu function
 - 1 - Press **Direct Menu** ◀.
 - 2 - Enter the menu code (see table on page 19).
 - 3 - Press **Ok** ◀.
 - 4 - Enter the title (5 characters maximum).
 - 5 - Press **Ok** ◀ to confirm.

Range Test

- 1 - Press **Range test** ◀.
 - 0**: you are out of range.
 - 1 to 4**: indicates the reception quality level (4 is the highest quality level).
- 2 - Press **Ok** ◀ to exit.



PERSONALIZING YOUR HANDSET

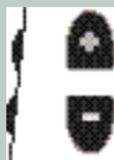
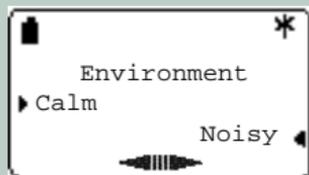
Environment

This function enables you to adapt your listening to the environment.

- 1 - Press ► **Environment**.
- 2 - Select ► **Calm**,
Noisy ◀,
► **Mixed**,

accordingly your environment.

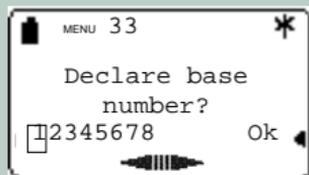
Note: During a call, you can adjust the listening level by pressing the  keys.



Declare base

This function enables you to declare the mobile on a G.A.P.compatible base.

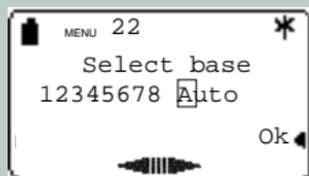
- 1 - Press **Declare base** ◀.
- 2 - Select the base number.
- 3 - Refer to the base manufacturer's documentation.
- 4 - Press **Ok** ◀ to confirm.



SELECTING A BASE

Select this function in the main menu to choose the base on which your mobile will operate.

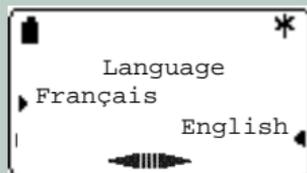
- 1 - Press **Select base** ◀.
- 2 - Select the base number or **Auto** to connect the nearest base.
- 3 - Press **Ok** ◀ to confirm and exit.



SELECTING A LANGUAGE

Select this function in the main menu to choose the language you wish to use. You can choose from six languages

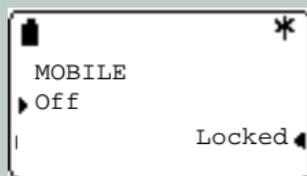
- 1 - Press **Language** .
- 2 - Select the language you want.
- 3 - Press **Ok**  to confirm and exit this function



LOCKING THE KEYPAD

When your mobile is idle, this function prevents accidental dialing. You can however, receive calls.

- 1 - Press the  key.
- 2 - Press **Locked** .
- (The icon  appears to indicate the lock is active).
- To unlock the keypad:
- Press the **Unlocked** .



SWITCHING OFF THE MOBILE

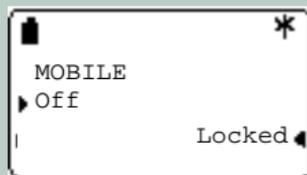
When the mobile is idle, you can switch the mobile off to save battery power.

- 1 - Press the  key.
- 2 - Press **Off** .

Note: You can also press and hold the  key to switch off the mobile.

You can no longer receive calls.

- To switch on the mobile:
- Press and hold the  key.



BATTERY

Before you use your mobile for the first time, you are advised to charge the battery for at least 12 hours. You should subsequently replace the mobile regularly in its charger to maintain the battery level.

When the battery is low:

- When the mobile is idle, the display shows the following message:
"Recharge battery".
- During a call, the mobile transmits 4 beeps and displays the message:
"Battery 1 min." to warn you that the call will be cut off in 1 minute.

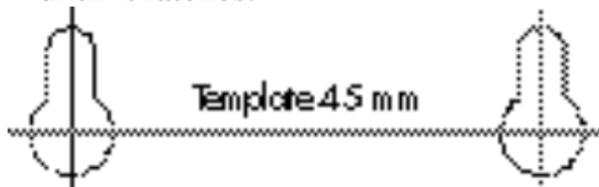
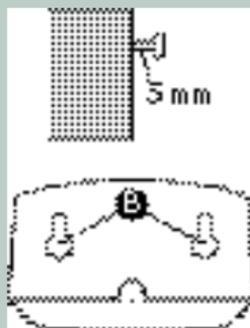
You must then recharge the battery.

Note: **"Bat.:**  » is displayed when installing or replacing battery (in the later case, when the battery is completely flat). You are advised to carry out a complete recharge for at least 12 hours.

CAUTION: You can't throw away batteries with household rubbish. You have to bring back them to your distributor or to drop off them at a recovery center.

WALL MOUNTING OF THE CHARGER

- 1 - Mark the position of the screws on the wall using the template below.
- 2 - Put in the screws (5 mm diameter) leaving approximately 5mm to hang the phone on.
- 3 - Insert the screws in the wall mounting holes of the charger, push the charger against the wall and pull downwards until it latches.



ADVICE AND SAFETY

Note

You are about to use approved equipment of type DECT, allowing intercommunication for private use between cordless telephones and a cordless Private Automatic Branch Exchange (PABX) or domestic radio bases. This equipment can be used as long as the conditions specified in the decree dated 13 January 1995 published in the Official Bulletin 26 January 1995, which defines the conditions of a general authorisation licence on the basis of article L89 of the post and Telecommunication code.

Apart from the equipment approval, in fact, the following operating instructions must be respected, especially considering the radio-electric frequencies used:

1. Use of DECT equipment is not guaranteed against jamming caused by other authorised use of radio electric frequencies;

2. DECT equipment can only be used to establish links between fixed points if these links are not permanent and if the equivalent radiated isotropic power at the antenna is less than 50 mW;

3. The installation of DECT equipment (of type cordless PABX including more than two access lines to the network) must be carried out by an installer approved by the minister responsible for telecommunications, since these installations constitute complex installations within the meaning of article R. 20-22 in the Post and Telecommunication code.

4. The conditions of access to a DECT equipment telepoint network must be defined in an agreement signed with the operator of the authorised telepoint network concerned.

Electrical connection: 230 V AC monophasic power supply with the exclusion of installations with an IT-design defined in the EN 60-950 standard. Note that the network voltage is classified as excessive according to the criteria of this same standard.

As a precautionary measure, in case of danger the mains power supply block serves as a disconnecting device for the 230V power supply.

CE: This equipment complies with the requirements of EMC Directive 89/336/EEC for Electromagnetic Compatibility and LVD Directive 73/23/EEC for Electrical Safety as amended by Directive 93/68/EEC.

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