handheld dual mode telephone

user guide

INTRODUCTION

Thank you for choosing this product. Read the entire manual carefully to make the best use of your phone.

This dual mode telephone allows you to make and receive calls all over the world, as it uses - where suitable - terrestrial GSM 900 MHz networks (subject to agreements signed between your network operator and the network you are working on) and elsewhere the Globalstar satellite network.

Despite its advanced functionality, the use of the SAT 550 is extremely simple: on one hand it grants all the functions of a common GSM telephone whilst, on the other, by using a easy menu it enables you to access to the Globalstar satellite service with its world-wide coverage.

Just reading the first sections of this manual you will be able to make calls, to save and store phone numbers and to send and receive short text messages (SMS).

CE MARK

$C\epsilon$ 168 X

The telephone complies with the following EU standards:
CTR 19, CTR 20 and CTR 41; ETS 300342 and ETS 300831; EN 60950 in accordance with the provisions of the following European directives:
91/263/EEC
89/336/EEC
73/23/EEC
93/97/EC
and with the USA standards:
FCC part 2
FCC part 15
FCC part 25
UL 1492
UL 1950
UL 2089

In accordance with ongoing improvements the specifications, design and other descriptions in the present manual are subject to modifications without notice.

English

PATENT INFORMATION

This product is manufactured under license to the following patents of QUAL-COMM Incorporated (other patents pending):

4,901,307	5,487,175	5,603,096
5,056,109	5,490,165	5,604,730
5,099,204	5,497,395	5,617,060
5,101,501	5,499,280	5,621,784
5,103,459	5,504,773	5,621,853
5,107,225	5,506,865	5,625,876
5,109,390	5,509,015	5,627,857
5,228,054	5,511,067	5,629,955
5,257,283	5,511,073	5,629,975
5,265,119	5,528,593	5,633,881
5,267,261	5,544,196	5,638,412
5,267,262	5,546,459	5,640,414
5,283,536	5,561,618	5,642,398
5,289,527	5,566,000	5,644,591
5,307,405	5,566,206	5,644,596
5,309,474	5,566,357	5,646,991
5,339,046	5,568,483	5,652,599
5,341,456	5,572,172	5,654,979
5,373,259	5,574,773	5,655,220
5,383,219	5,576,662	5,657,420
5,392,287	5,577,022	5,666,122
5,396,516	5,577,025	5,673,259
5,408,697	5,581,575	5,675,644
5,414,796	5,588,043	5,687,229
5,416,797	5,590,069	5,689,557
5,426,392	5,590,406	5,691,974
5,442,627	5,590,408	5,692,006
5,452,473	5,592,481	
5,461,639	5,592,548	
5,469,115	5,594,718	
5,475,870	5,596,570	
5,479,475	5,600,754	
5,485,486	5,602,833	

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1. DESCRIPTION

Keys

Key   Description

●   switched on led: connected to the satellite network. Swtiched off led: connected to the GSM network. Blinking led: satellite search.

⌀   used to make calls, confirm a selection, personalise the menu, find information, access missed calls and to start the unlock procedure.

Ⓜ   used to access to the menu, to move to the next item, access other options, and to activate the silent ring signal (if pressed for 1 second).

⌀   used to end a call, reject a selection, exit the menu and re-activate the auto-lock function (if pressed for 1 second);

ⓒ   used to delete a character or all characters if held down, to cancel data, a missed call, an SMS, or the contents of a memory. If not used to enter or cancel a character, this key can be used to reject a selection or (press and hold) to exit a menu.

▣   used to access the phone-book.

✉   used to access the SMS menu.

☎   used to access the Satellite menu; pressed for long time it switches from the satellite mode to the GSM mode, and viceversa.

⓪   used to switch the telephone on and off; during a conversation this key enables the mute function.

①-⊹⓪   used to enter numbers or letters as marked on each key.

⍰✳   used to enter DTMF pauses and call wait functions - when pressed repeatedly; otherwise used to decrease a value or scroll through selections or messages.

⌗⌄   preceded by a number to recall the corresponding phone-book location; in standby to lock or unlock the keypad, when pressed before key ⑤, this key is used to increase a value, and scroll through selections or messages.

Display indicators

The telephone display features a number of indicators which provide information on various functions.
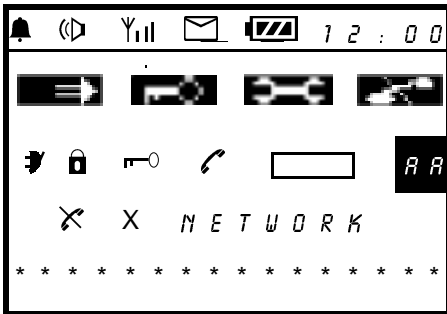
🔔   displayed when the alarm is set.

《》   displayed when the car kit device (optional) is connected.

Ýıl   displayed on connection to the network and to indicate signal strength (max. 3 segments); flashes when searching the network.

✉   displayed when an SMS is in the memory; flashes when the SIM card text message (SMS) memory is full.

🔋   displays 3 fixed segments (max.) when the battery is charged; displays no segments and flashes when discharged. During charging it displays gradual increase of segments and remains fixed on completion of charging.

12.00   displays clock; flashes when clock is not set.

▣▣▶   displayed when the divert funtion has been activated.

▣▬▣   displayed when call barring has been activated.

Note: After the disconnection of the SIM, to display the transfers and/or the call barrings, it is necessary to check-out the network in order to know the status.

▣▬▣   displayed when a maintenance of the telephone is requested, although the detected problems are not so serious to block the telephone.

▣▬▣   displayed when the satellite network blocks the telephone because serious problems are detected. In this case the telephone shall be switched off and switched on again to release the network blocking; if the telephone remains blocked it shall be repaired.

Instead of [   ] the following ring signal messages are displayed:

NO RING when the ring volume has been disabled through the menu.

SILENT when the ring has been disabled in quick mode (press Ⓜ for one second).

Note: when the automatic display of Cell Broadcast is enabled (e.g. Zone) this conceals the above information and other *messages; to display permanently press* Ⓒ.

🔌   illuminates when telephone is connected to the battery charger and is charging; flashes when the telephone is still connected but charging is complete.

🔒 Keypad locked.

▭—○ block enabled on telephone calls, SMS access and memory use.

✆ displayed during outgoing calls; flashes on incoming calls.

AA automatic answer enabled.

✗ the specified network does not provide the service.

X network nationalities or icon indicating satellite network connection.

NETWORK connected network; when negative it indicates roaming status. Negative display of own network or positive display of one in roaming status indicates access problems to the network (e.g. all channels engaged).

********** personalised user message; functions performed by multifunction keys in the menu, in the memory and messages; display of functions (e.g. microphone off, ring activation, etc.); display of credit units if the network offers this type of service.

Other descriptions are provided in the manual in the relative chapters.

Satellite antenna

For satellite network communications the correct use of the antenna of the telephone is fundamental in order to enjoy the enormous potentiality offered by the Globalstar satellite service.

Positioning of the antenna during use

Before starting the satellite connection, the antenna should be carefully lifted from its seat in order to position it (based on the conversation quality) as shown below:
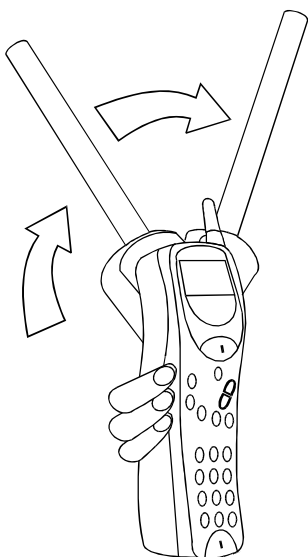
Once accustomed to its use, you will be able to quickly choose the best positioning of the antenna.

Positioning of the antenna in stand-by

To receive calls from the satellite network whilst the telephone is in stand-by, the antenna should be positioned, following the explanations above, as shown in this picture:
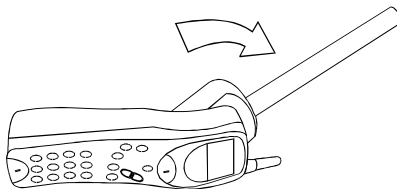
Note: the telephone and the satellite should be able to "see each other" during the connection in order to achieve the best possible quality.
Therefore satellite network connections guarantee the very best quality when in open air.

Plugs for the car-kit device

On the rear side of the telephone there are connections for the installation of a car-kit (optional) device.

car-kit connections
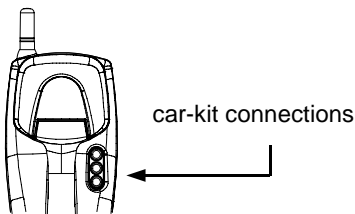
2. QUICK STARTING GUIDE

How to make the first call

① Insert a valid SIM card while the telephone is switched off.
Refer to chapter 4. Inserting the SIM card.
② Connect the battery.
Refer to chapter 4. Connecting the battery.
③ Connect the telephone to the battery charger to charge the battery.
Refer to chapter 5. Charging the battery.
The telephone can be used during recharging but the procedure will take longer.
④ Press ⓞ for a few seconds to switch on the telephone. If the message **PIN**▶is displayed, enter the PIN code supplied with the SIM card and press ✐ **OK** or ⌗⌄.
The telephone sets the display text language automatically, according to the information on the SIM card.
To change the display language, refer to chapter 9. Menu functions - Settings (Menu 5) - Language (Menu 5 3).
To change the connection mode between the terrestrial GSM and the Globalstar satellite network. Refer to chapter 10. Satellite Menu - Mode (Menu 1).
**Note:** negative symbols (e.g. **OK**) appear on the third line of the display.
⑤ When the name of the SIM card provider is displayed, enter the area code and the telephone number and press ✐.

How to receive the first call

① Ensure that the telephone is switched on and in a zone with radio signal coverage to receive an incoming call which appears on the display and is indicated by a ring signal.
Note: the ring signal can be rapidly suppressed.
To activate/deactivate this function press ⓜ for one second: a confirmation message is displayed.
This function is temporary in that it is not stored in the memory when the telephone is switched off; to activate the function permanently, refer to the menu functions.
② Press ✐ to answer and then ✐ at the end of the call.

Satellite communications

Please refer to the previous page for the correct use of the antenna in this mode.

Personalising the menu

Access to the sub-menus and settings used *most frequently* can be simplified considerably by using the personalisation function.
To personalise the menu, refer to chapter 9. Menu functions - Personalising the menu.
Note: sub-menus and settings can be personalised but **not** menus 0-9 which appear after pressing ⓜ.

How to store a number in the phone-book

① Dial the number (we recommend to dial the international code without the zeros to be replaced with the character **+**) and press ⓜ.
Note: for the + character, keep pressed ⊙ until the plus symbol is displayed.

② Enter the name and press ⌁ⓄⓀ.
The letters are marked on each key; press once for the first letter, twice for the second and so on.
Refer to chapter 8 - Using the phone-book.

③ Press ⌁ⓄⓀ.

How to recall a phone-book location

① Press ⓜ.

② Scroll through the phone-book locations using the keys ⊙＊ and ⊙＃.

③ Press ⌁⬅ on the required phone-book location.

How to send the first text message (SMS)

① Press ✉.

② Press ⒶⒷⒸ②️ followed by ㎓④ and ✎ OK .

③ Press ⒶⒷⒸ②️, enter the number of the Service Centre (supplied by the network operator) and press ✎ OK .

④ Press ✎ for one second.

⑤ Press ✉.

⑥ Press ⒶⒷⒸ②️ and ①.

⑦ Enter the number you wish to call, or access the phone-book by pressing Ⓜ and press ✎ OK .

⑧ Enter the message (the letters are entered according to the same criteria applied to enter names in the memory) and press ✎ OK .

⑨ Press ① to send the short text message (SMS).

Note: the procedures described in points 1, 2, 3 and 4 apply only to the first SMS: they can be omitted for all subsequent messages.

How to read the first text message (SMS)

① A different ring from the standard version is activated and "`Message`" appears on display with the symbol ✉.

② Press ✉ to read a previously received message press ✉ and then press ⒶⒷⒸ②️ twice.

③ Press Ⓜ↔ and scroll through messages using ①✳ and #️↕.

④ Press ✎ ⤵ twice.

Note: messages are stored in the SIM card memory. To avoid occupying space in the memory, delete messages once read to leave sufficient space for new incoming messages.
To enable the autodelete function (Message menu 2 5) after point 3 press ✎ ⤵ once only, Ⓒ for 1 second and then ✎ OK .

☞**For more detailed information refer to the realtive sections in the manual.**

3. IMPORTANT WARNINGS

- Refuelling: switch the telephone off when refuelling; the same precaution should be taken in the vicinity of chemical plants or where explosives are used.
- Keep the telephone out of reach of children.
- When driving only use the telephone with the hands-free device; never stop on the hard shoulder on motorways or dual carriage ways to make or receive calls unless in the event of an emergency.
- Switch off the telephone when on board an aeroplane (even when stationary on the runway). Use of mobile telephones constitutes a hazard to flight systems and use is illegal. In certain countries failure to observe this provision is considered a criminal offence and may lead to suspension or prohibition of mobile telephone services, legal action or both.
- Take great care when using the telephone in the vicinity of devices such as pacemakers, hearing aids and electro-medical equipment.

- Use exclusively original accessories and spare parts; use of other parts will render the guarantee null and void.
- Never attempt to disassemble the telephone: no internal parts can be repaired by the user.
- Ensure that the telephone does not come into contact with any liquid: if this occurs, disconnect from the power supply if charging and contact the supplier.
- Avoid use of the telephone outside the specified temperature range:-10ºC to + 55ºC. Never leave the telephone exposed to direct sunlight or in environments with high humidity levels or exposed to dust.
- Clean the telephone using a damp cloth and a weak detergent/water solution.
- There is no evidence to date of the harm caused by electromagnetic waves generated by cellular telephones. In any event exposure to electromagnetic waves can be reduced drastically using a car kit device.

English

4. INSERTING THE SIM CARD AND CONNECTING THE BATTERY

Inserting the SIM card

A valid "plug-in" type SIM card is required to use the telephone.

This card is supplied by the network operator.

Note: keep all plug-in SIM cards out of the reach of children.

① Lift the antenna from its seat and turn it anti-clockwise, press the retainer clip to unlock the battery and then slide and lift the battery out.
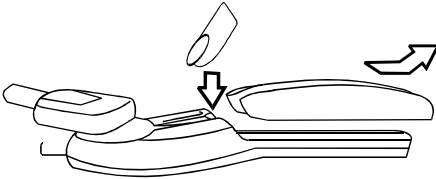
② Insert the card in the special tracks, taking care that the rounded edges of the SIM card face the top of the telephone and that the golden contacts face the telephone, so that they are not visible.
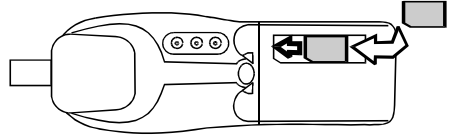
③ Refit the battery as described below in the section "Connecting the battery".

Connecting the battery

Lift the satellite antenna from its seat and turn it anti-clockwise. Position the battery in the relative seat at the rear of the telephone, press down and push forwards until it locks into place. To remove, press the retainer clip and lift out.
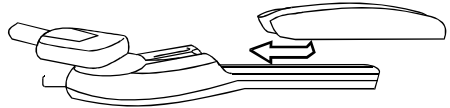
Note: to ensure correct recharging, the ambient temperature (**not** the value on display) must be between 0º and +45º.

5. CHARGING THE BATTERY

Charging the battery

This telephone is powered by a rechargeable Li-Ion battery. Use exclusively original batteries and battery chargers approved by the manufacturer.

① Fit the plug (among the 4 available) suitable for the type used in the country you are.
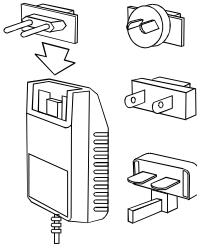
② Fit the battery charger cable connector (the arrows shall be visible, facing the direction shown in the figure below) to the bottom of the telephone and the power transformer to the socket.
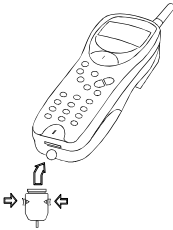
➡ During charging with the telephone switched off, the indicator on the first line of the display increases gradually and the following is displayed:

➡ When the indicator fills all three lines the above symbol is replaced with the following:

to show that charging is complete.
Note: the telephone can be used during recharging but the procedure will take longer. Total recharging time for Li-Ion batteries takes maximum 3 hours, but 80% power is already available after one hour.

③ On completion of charging disconnect the battery charger from the telephone (press the unlocking buttons aside the connection socket of the telephone) and from the socket.

Faults during charging

Faults are displayed as follows (temperature off range, etc.):

Battery low alarm

When the battery is completely discharged and requires recharging the following is displayed for a few seconds:
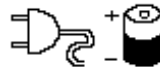
accompanied by an acoustic warning signal. In this case recharge immediately or replace the battery.

English

6. MAIN FUNCTIONS

Switching on

① Press and hold key ⓞ to switch on the telephone. If the message **PIN▶** is displayed enter the code (supplied with the SIM card) and press the left key ✎**OK** or ⌗↓ .

➡ The telephone can only receive calls when switched on with an active SIM card and in a zone covered by the terrestrial GSM or Globalstar satellite network.

② If necessary, change the display language by pressing ⓜ 5 3.

Switching off

Press and hold key ⓞ for 2 seconds.

Access codes

The telephone and SIM card use different access codes to prevent unauthorised use. When the relative request is displayed, enter the code (displayed as a series of asterisks) and press ✎**OK**. In the event of an error, erase single digits by pressing ⓒ as required.

Security code (6 digits)

The security code, 000000 programmed by the manufacturer, enables access to the Phone Security (6 2) sub-menu.

PIN and PIN2 codes (from 4 to 8 digits)

The PIN (Personal Identity Number) is supplied with the SIM card and serves to protect use of the telephone.
If the request for the PIN code is displayed, enter the code and press ✎**OK** or ⌗↓ .
If three consecutive errors are made when entering the PIN, the SIM card is blocked and cannot be used. Use the PUK code to change the PIN code of the blocked SIM card.
The PIN2 code, which has to be assigned by the network operator, is required for access to specific functions regarding protected fixed dialling numbers (FDN) and unit meters which require insertion of the SIM card.

PUK and PUK2 codes (8 digits)

The PUK (Personal Unblocking Key) code is supplied with the SIM card.
This code is required to modify a blocked SIM card.
The PUK2 code, supplied by some SIM cards, is required to modify or unblock PIN2.
For further information, contact your network operator.

Phone lock password

This comprises a 4-digit password requested only by the network service to block calls. It is provided by the network operator or service provider on subscription to the service.

How to make a call

Enter the number with area code and press ✎.
During an outgoing call information on the calling status is displayed and at the end of it its duration and cost.
Note: the cost displayed is either transmitted by the network or calculated by the telephone on the basis of the data entered. (Menu 8 3 3)

International calls

Press and hold ⊙.
The character + is displayed. Enter the international code for the required country, the area code without the leading zero (for Italy with zero), the number and press ✎.

Automatic redial

When the dialled number is engaged a request message is displayed after which you can press ✎ to enable the automatic redial function which attempts to redial the number automatically ten times.
Note: to reject this function immediately or later (during call attempts) press ✎.

Correcting dialling errors

Erase the last character on display by pressing ©. To erase the entire line press and hold ©.

Recalling from the phone-book

Refer to the chapter 8. Using the phone-book: for information on storing a telephone number with associated name.

Repeating the last dialled number

If characters are on display, cancel by pressing © and then press ✎ twice to forward the call to the last called number; otherwise scroll ⊞ or ⊛ to position on the requested number (among the twenty available) and press ✎ to forward the call.

Speed dialling

Enter the phone-book location number (from 1 to 9) corresponding to the stored phone number and press ✎.
To correct a number before dialling, enter the phone-book location number (from 1 to 9) followed by ⌗, modify as required, and then press ✎.

Single key calls

Press and hold the location number key (from 1 to 9) to dial the number; the message `Calling` is displayed with the name, if stored, of the recipient.

Pauses or call wait functions (DTMF)

Pause and call wait functions can be useful for access to certain services (e.g. voice mailboxes).
After entering at least one number, press repeatedly ✱ to display first the symbol `P` (pause) and then `W` (wait).
Select the function and on completion of dialling the number can be sent immediately or stored in the normal way.
Note: In the event of invalid entries the relative message is displayed.
Call wait functions can only be interrupted by pressing ✎.
Pauses continue automatically after three seconds.

Pause and call wait functions cannot be entered before a number.
The **P** command cannot be entered twice consecutively.
The **+** command followed by the required stored number sends the relative memory contents.
More than one of the above commands per number are not admitted. However the stored number recalled in this way may contain another **+** command followed by the stored number and so on.
Pauses and call wait functions depend on the type of SIM card used; not all cards enable these functions.
When dialling a number containing a pause and/or call wait command, press ✐ or Ⓒ to disable the function immediately.

Using the notebook function

During a conversation you can dial another number to call or store in the memory at the end of the call in progress; simply enter the number and a few seconds after the end of the call it will appear automatically on the display.

Confirming an option

Within a menu, **never** press key ✎ for too long or the menu   will be personalised and the option will **not** be confirmed.

Answering a call

When a call is received, the ring signal is activated and the message >>>`CALL`<<< flashes on the display. If the caller can be identified, the telephone number (or name if previously stored in the phone-book) is also displayed.
Press s to answer, ⓜ🔔 to silence the ringer or ⊘🔴 to reject the call.
Press ⊘ at the end of the call.

Automatic answer

If this function is enabled (Menu 5 4) incoming calls are answered automatically after approximately 6 seconds.

Any key to answer

If this function is enabled (Menu 5 5) incoming calls can be answered by pressing any key (except ⓜ, ⊘, ⓪).

Changing the speaker volume

The telephone speaker volume can be adjusted by means of the keys #▲ (increase) and ①✱ (decrease) during conversations only; press for one second to modify.

Microphone on/off

Press ⓪ for one second (during conversation only).

Protecting the keypad

The keypad can be protected to prevent accidental key action (including ⓪).
To lock the keypad with the display empty, press and hold #▲.
To unlock the keypad, press the same key followed by ✱⑤.
If the automatic keypad lock function is enabled (Menù 5 7) the keypad is locked automatically thirty seconds after a key is pressed.
Note: emergency calls can still be made when the keypad lock is enabled.
In the case of a broadcast message the symbol (🔒) indicating the lock is no longer visible but a message indicating the lock is displayed whenever a key is pressed.

Autolock

If this function is enabled (Menu 6 2 4) press ⊘ for one second to lock the phone. Press ⊘ to start the unlock procedure and enter the three-digit code (manufacturer setting is 1 2 3).

Erasing credit unit

To erase from the display the total credit units, press ©.

PNP Private Numbering Plan

If this function is offered by the network operator to the subscribers of this service, it allows to forward a call without dialling the whole telephone number, but only few numbers, previously agreed with the network operator.

To activate the service press:

⊤✱ ＋0 ᴾᵠᴿˢ7 (No.) ♯↕ ✎

To deactivate the service press:

♯↕ ＋0 ᴾᵠᴿˢ7 (No.) ♯↕ ✎

To know the status of the service (activate or deactivate), press:

⊤✱ ♯↕ (No.) ♯↕ ✎

(No.) is the number of the keyboard between 0 and 9 that corresponds to the number of the phone box (group of telephone numbers) agreed with and registered by the network operator. The network operator assigns to each phone box a group of telephone numbers, related to a short numbering.

Example of a PNP call to the telephone number 123 (correspondent to a complete telephone number) stored at position 2 of the phone box by the network operator:

⊤✱ ＋0 ᴾᵠᴿˢ7 ᴬᴮᶜ2 ⊤✱ 1 ᴬᴮᶜ2 ᴰᴱᶠ3 ✎

ECT Explicit Call Transfer

If this function is offered by the network operator to the subscribers of this service, it enables to end a phone call with two speakers, allowing them to continue their phone call.

Press ᴳᴴᴵ4 ✎.

Emergency calls

It is always possible to make emergency calls even if the SIM card is not inserted.

Note: if the selected mode is out of coverage (terrestrial GSM or satellite) it is possible, by pressing for long ↻, to switch to the other mode, so that when the signal is available the emergency call can be made.

7. CALL OPTIONS

The phone features a wide range of functions that can be used during a call. For access to these functions, press and hold Ⓜ. The options available are listed below (depending on the type of service you are subscribed to).
Note: the list has been sorted in chronological order of incoming and/or outgoing calls.

Accept call

Accepts incoming call putting the call in progress on hold.

Switching to call wait

Enables you to resume conversation with the call previously put on hold and sends the current conversation to call wait status.

Reject call

Terminates the call on hold.

Hold/Resume

Enables you to put a call or conference on hold and make a new call. At the end of the new call the previous conversation can be resumed by selecting `Resume`.

Disconnect

Ends the selected conversation.

Join/Divide

This function enables you to make a conference call with up to six persons.
Select the option `Join Conf.` to add a new participant in the conversation.
For one-to-one conversations during a conference call, move the bar to `Divide` at the required number.

Sending DTMF tone signals

DTMF signals enable communication with answer machines, computerised telephone systems, etc. Dial the required number, select the `send DTMF` option, enter the required sequence and press ✐Ⓞ🅚.
Note: DTMF tones are active until disabled manually (Menu 5 1 5) and therefore can be sent by simply pressing the corresponding key without accessing the specific menu.

Number information

Various items of information are available for a call in progress; move the cursor bar to the required item and press ✐Ⓞ🅚.

English

8. USING THE PHONE-BOOK

Names and numbers can only be stored in the SIM card memory.
The number of positions in the standard memory on SIM cards varies according to the type of card. The same applies to the maximum name length, number length and storage of last calls made.

Storing a phone number with associated name

① Enter the phone number.
② Press ⓪.
③ Select the key with the required letter. Press once to enter the first letter, twice for the second and so on. For small letters, press and hold the key until the letter changes to lower case. All subsequent letters will appear in small case until the key is pressed and held again.
④ Select the other letters as above.

Note: to move the cursor to the left press ⊛; to move to the right press ⌗.

The following characters are available:

①	*space* 1 , . : ; !¡?¿ ' @ # $ £ ¥ % & * ( ) - + = < > " /_§
ⓐⓑⓒ②	A B C 2 Ä ß Ç Å Æ
ⓓⓔⓕ③	D E F 3 É Δ Φ
ⓖⓗⓘ④	G H I 4 Γ
ⓙⓚⓛ⑤	J K L 5 Λ
ⓜⓝⓞ⑥	M N O 6 Ñ Ö Ø Ω
ⓟⓠⓡⓢ⑦	P Q R S 7 Π Σ
ⓣⓤⓥ⑧	T U V 8 Ü
ⓦⓧⓨⓩ⑨	W X Y Z 9 Ψ Ξ Θ
⓪	0 +

⑤ Press ✐**OK** followed by the same key to accept the recommended memory location.

OR

enter the required memory location and press ✐**OK** to confirm.

Recalling a phone number

To recall a number by name:

① Press Ⓝ.
② Enter the first letter.

OR

Press Ⓜ▶▶ to display the names accor-
ding to the memory location.
Press Ⓒ to enable modifications to the
phone number.

③ Use ⁺✳ and #↓ to scroll through the
list of names.

Selecting a location

This telephone has the facility to identify a
name or number by scrolling through the
contents of the phone-book rather than
entering a number. This is especially use-
ful when you wish to divert calls to a diffe-
rent number or send a short text message
to a telephone number. On request for the
number, press Ⓝ and select the number
from the list displayed; use ⁺✳ or #↓ to
scroll through the list, select and press
✐ OK .

Last numbers dialled

The telephone stores the last twenty dial-led telephone numbers. To recall the last number press ✎ or use ⚹ and ⌗ to scroll through the others in the list.
Note: when the SIM card is removed the telephone numbers are stored in it. There-fore, in this case, the quantity of the last stored numbers is SIM card dependent.

Last unanswered calls

The telephone stores the last twenty inco-ming calls (only if the telephone number is sent), ordering them by date and time. The caller's name is also displayed (provided that it has been previously sto-red into the phone-book). These numbers can be displayed by pressing ✎ when the message `Call` appears or by scrolling through the numbers with the keys ⚹ and ⌗. To see these numbers later, to-gether with the list of answered calls and with the last twenty outgoing calls, use Menu 2.

Phone-book menu

Press Ⓘ and then Ⓜ for a second for access to this menu.
This menu enables you to delete a memo-ry location following a request for confir-mation and facilitates storage in the pho-ne book.
To store a number, confirm the request `Enter Record`, enter the first name, confirm, then enter the number and con-firm; lastly enter the required memory loca-tion and confirm.
Following the above, check on display if the fixed dialling numbers are enabled or disabled together with the SIM card infor-mation: phase, type of active ADN/FDN memories, number used/available and the max. number of characters for name and number entries.
All standard functions are also available in this menu.

9. MENU FUNCTIONS

The telephone features a series of functions which enable modification to operation according to your specific requirements. These functions are divided into menus and sub-menus accessible via the menu function.

Each menu and sub-menu enables modification and inspection of the various functions.

To access the menus or submenus, simply scroll through the list (standard method) or enter the associated number (short method).

Standard method

① Press m to access the menu function.

② Press ⓜ🔽 or ⚋✳ or ⚋⚋ to scroll through the list until the required item is displayed.

③ Press ✎🆗 for access to the corresponding sub-menu and select the required item by means of ⓜ🔽 or ⚋✳ or ⚋⚋.

④ Press ✎🆗 to display the current setting of the selected function.

⑤ Press ⚋✳ or ⚋⚋ to scroll through the list of settings and select the required option. To select the setting, press ✎🆗 or press ✎🔙 to exit without modifying the setting. In some cases one of the following requests is displayed after selecting a function or option:

`Security code, Enter PIN,`
`Enter PIN2.`

In this case, simply enter the required code and press ✎🆗.

Note: if the key ✎🔙 is pressed briefly the display returns to the previous menu without modifying the settings; press and hold to exit the function completely.

Short method

All menus, sub-menus and settings are marked with a number which appears on the right of the display.

To access a menu function via this number, proceed as follows:

press ⓜ followed by the required menu, sub-menu and setting numbers. For example, press ⓜ and then 5 5 1 to access the "Any Key" settings.

Personalising the menu

To select a sub-menu or setting for rapid access via keys ⓜ and ✎🆗, select the required item and press ✎🆗 for one second; use the same key and procedure to deselect the item.

Network services

Some menu functions correspond to network services available to the user only if supplied by the home cellular network. You need to subscribe to use these services.

English

0 SIM Toolkit

1 Own number

2 Calls

3 Call Divert
- ❶ Fast divert
  - ① On
  - ② Off
  - ③ Parameters
- ❷ Divert always
  - ① All teleservices
  - ② Speech
  - ③ Fax
  - ④ Data async
- ❸ DivMissedCalls
  - ① If busy
  - ② If not reachable
  - ③ If no reply
  - ④ All missed calls
- ❹ Cancel
  - ① All
  - ② DivMissedCalls
  - ③ Divert always

4 Clock
- ❶ Set
- ❷ Alarm

5 Settings
- ❶ Audio
  - ① Ringing
    - 1 Tone
    - 2 Volume
  - ② Keypad
    - 1 Off
    - 2 Low
    - 3 High
  - ③ Warning tones
    - 1 On
    - 2 Off
  - ④ Service Beep
    - 1 On
    - 2 Only NoServ
    - 3 Off
  - ⑤ DTMF
    - 1 On
    - 2 Off
- ❷ Display
  - ① Brightness
  - ② Bright. length
    - 1 Off
    - 2 Short
    - 3 Long
  - ③ PersonalMessag
    - 1 Fixed
    - 2 Rotating
  - ④ Contrast
- ❸ Language
  - ◆ Automatic
  - ○ English
  - ○ Italiano
  - ○ Deutsch
  - ○ Español
  - ○ Français
- ❹ Auto answer
  - ① On
  - ② Off
- ❺ Any key answer
  - ① On
  - ② Off
- ❻ Call waiting
  - ① On
  - ② Off
- ❼ Keyboard lock
  - ① On
  - ② Off

6 Security
- ❶ PIN Control
  - ① Change PIN1
  - ② Change PIN2
  - ③ PIN request
    - 1 Enabled
    - 2 Disabled
- ❷ Phone security
  - ① Type
    - 1 On
    - 2 Off
    - 3 SIM list
  - ② Clear SIM list
  - ③ Change code
  - ④ Autoblock
    - 1 On
    - 2 Off
    - 3 Change code
  - ⑤ Restore defaul
- ❸ Call barring
  - ① Outgoing
    - 1 Outgoing calls
    - 2 International
    - 3 Only to home
  - ② Incoming
    - 1 Incoming calls
    - 2 Call if abroad
  - ③ Cancel
  - ④ Change code
- ❹ Fixed dialling
  - ① On
  - ② Off

7 GSM Networks
- ❶ Search network
- ❷ Auto selection
  - ① On
  - ② Off
- ❸ Network list
  - ① "Empty" *(example)*
- ❹ Home network

8 Call control
- ❶ Minute beep
  - ① On
  - ② Off
- ❷ Call duration
  - ① Last call
  - ② Incoming home
  - ③ Incoming roam
  - ④ Outgoing home
  - ⑤ Outgoing roam
  - ⑥ Total time
  - ⑦ Clear timers
- ❸ Charge rate
  - ① Last call
  - ② All calls
  - ③ Cost control
  - ④ Reset
  - ⑤ Units account
- ❹ Transfer own no.
  - ① For all calls
    - 1 Transmit
    - 2 Don't transmi
    - 3 Net default
  - ② Transmit
  - ③ Don't transmit
- ❺ CUG (Closed User Group)
  - ① CUG index
  - ② Suppress CUG
    - 1 On
    - 2 Off
  - ③ Suppress OA
    - 1 On
    - 2 Off
- ❻ NITZ (Network Id. Time Zone)
  - ① Enabled
  - ② Disabled

9 Information
- ❶ IMEI
- ❷ Software
- ❸ SIM info
- ❹ Total life

English

The following pages list the available menu functions with a brief description of each. For access to these functions, refer to information provided in the previous sections.

In menus only, the three keys - ✐⊛✐ - perform additional functions depending on the symbol displayed immediately above them:

⬛ more options are available.

ℹ query to network for information on an option status.

⏩ move to next item in the same menu.

⬇ move to the next item in the next menu.

☎ divert the call to the specified number.

⊕ enlarge information on display.

SIM Toolkit (Menù 0)

The presence or not of this menu, its denomination, the number and type of performances are strictly dependent upon the SIM used.

Own number (Menu 1)

This function displays your own telephone number.

If the number is not displayed, press ⓜ⬛ enter the number and confirm.

This function depends on the SIM card.

Calls (Menu 2)

This function displays the last twenty outgoing calls (➡) and the last twenty incoming calls (if the telephone number has been sended) to which you have answered (◀) or not (✖).

Each call displays the incoming order and after the (/) symbol the list of calls, followed by the telephone number and - if stored -

the relevant caller's name. At the end date and time of the call is displayed. To display in sequence, press ⊛ or ⊕. To erase a missed call, move to the item and press and hold ⓒ and then confirm.

Call Divert (Menu 3)
Fast divert (Menu 3 1)

This network service enables to divert all incoming calls to another telephone number.

Note: before activating the divert function, enter the number to which the calls are to be diverted (Menu 3 1 3).

Divert always (Menu 3 2)

This network service diverts all incoming calls (depending on the type of service: voice, data and fax) to a different telephone number; before activating this function, enter the number to which the calls are to be diverted.

Divert Missed Calls (Menù 3 3)

This network service diverts calls according to different reception failure conditions and also to the type of service available; before activating this function, enter the number to which the calls are to be diverted.

The option "If no reply" must also contain the time lapse before activating this function.

Cancel (Menu 3 4)

Cancels the various active divert functions according to type of service and reception failure conditions.

Clock (Menu 4)

Set (Menu 4 1)

This function sets the following in sequence: clock (displayed at the top right of the display) and, after its confirmation, date. In both cases, press ⓜ⧽ to pass from one item to the other.

Later this function sets the day: select the required day by pressing ⓜ⬇ and confirm.

Alarm (Menu 4 2)

This function sets the alarm-clock and the days for activation. After setting and confirming the time, use ⁂ and ⌗ to select the required items (press ⓜ⬜ to enable and a second time to disable the selection) and, on completion of selection (s), confirm.

Note:

The symbol ▶ next to selection means that it is enabled; the alarm-clock will be activated even if the phone is switched off: in this case, following activation, confirmation is requested or the option to reject activation: the telephone switches off automatically if no key is pressed.

Settings (Menu 5)

Audio (Menu 5 1)

This function enables you to change the tone and volume of the ring signal.

Personalising the ring signal

To personalise the ring signal, enter submenu (5 1 1 1 followed by keys ⁂ or ⌗ up to 9) and, after pressing ⓜ⬜, enter the required notes (max.80 including pauses), then confirm.

➡the composition of a note requires its specific entry, the sharp sign (if relevant) and its duration.

➡press the same key again to change the letter from upper to lower case thereby changing the octave (higher frequency).

➡the sharp sign must be entered immediately after the relative letter.

➡the duration of the note can be extended by pressing the relative key (9) repeatedly (up to four times).

➡the duration of the pause can be extended by pressing the relative key (0) repeatedly (up to four times).

➡scroll through items by means of keys ⁂ and ⌗.

➡errors are displayed by a flashing cursor at the point of the error.

➡press ⓜ⧽ to listen to the melody composed.

English

Key	Display		Note/Action
①	A	a	LA
ⒶⒷⒸ2	B	b	SI
ⒹⒺⒻ3	C	c	DO
ⒼⒽⒾ4	D	d	RE
ⒿⓀⓁ5	E	e	MI
ⓂⓃⓄ6	F	f	FA
ⓅⓆⓇⓈ7	G	g	SOL
ⓉⓊⓋ8	#		Sharp
ⓌⓍⓎⓏ9	♪ ♪ ♩ ♩		Note length
+ 0	𝄾 𝄾 𝄿 -		Pause length

The signal tones can be enabled as requi-
red to indicate line connection, off/on, ac-
tivation/deactivation of the battery charger
and the battery low signal.
Warning tones can also be activated/
deactivated to indicate the absence/
presence of the radio signal or in the case
of absence only.
DTMF tones can be activated as required;
when this option is activated the tone cor-
responding to the key pressed is sent im-
mediately.

Display (Menu 5 2)

This function enables the adjustment of
display brightness and duration of illumi-
nation after pressing a key. It also ena-
bles text settings in fixed mode (16 cha-
racters) or in scrolling mode (50 cha-
racters) displayed on the last line. Display
contrast can also be modified as required.

Language (Menu 5 3)

This function enables selection of the di-
splay language. The telephone recogni-
ses the SIM card automatically and di-
splays messages in the associated lan-
guage.

Auto answer (Menu 5 4)

This function answers a call automatically
without pressing a key 6 seconds after the
call is received.

Any key answer (Menu 5 5)

This function enables all keys (except Ⓜ,
✐ ⓪) to answer a call.

Call waiting (Menu 5 6)

This network service enables an acoustic
warning during a conversation to indicate
another incoming call.

Keypad lock (Menu 5 7)

This function automatically locks the
keypad after approx. 30 seconds after
pressing a key. The keypad can be unloc-
ked as per the manual locking procedure.

Security (Menu 6)
PIN control (Menu 6 1)

This function enables you to change the PIN and PIN2 codes and allows you, if the SIM card supports the function, to activate or deactivate the PIN request when switching on the telephone.

Phone security (Menu 6 2)

Access to this sub-menu depends upon the correct entry of the security code set by the manufacturer: 000000 (if it has not been changed).
This function activates/deactivates the request for the security code when the telephone is switched on or the use of the phone only with one of the ten last SIM cards inserted.
It also enables cancellation of the list of stored SIM cards, change the access code to this menu and activation/deactivation of the autolock, modifying the relative code (manufacturer setting 1 2 3).
The option **Reset default values** returns settings to manufacturer values.

Call barring (Menu 6 3)

This network service enables barring of outgoing calls (3 options) and incoming calls (2 options) to personalise the type of call in blocks (voice, fax, data and all services).
It also enables cancellation of the previously set block and modification of the code for this service provided by the network operator.

Fixed dialling (Menu 6 4)

If enabled (PIN2 is needed), this function allows you to make calls exclusively to the telephone numbers contained in the FDN memories. It also allows you to recall only the numbers stored in the FDN memories (quantity depending on the SIM card) and to store new numbers only there.
Note: not all SIM cards provide FDN memories.

English

GSM Networks (Menu 7)

Search network (Menu 7 1)

This function displays the networks that can be received in a specific zone in order to make the manual selection.

Auto selection (Menu 7 2)

This function searches for networks automatically.
If this function is not activated, and the signal of the network operator who has issued the SIM card lacks, you have to chose each time a network manually (both at the switching on and later).

Network list (Menu 7 3)

This function enables the insertion of networks (or cancellation if already present, by pressing and holding ©) to make out a priority list. In absence of coverage of the network operator which has issued the SIM card, the telephone will follow this list in search for a network.

Press ✎⬜ to display the pre-set networks that can be added to the list.
Press ⓜ⬅➡ to display all data listed for a single network.
If the required network is not displayed in the list, use the cursor bar to select **User defined,** press ⓜ⬜ and enter the data required as supplied by the network operator and then confirm. For example:
MCC: 222 (for Italy)
MNC: 10 (for Omnitel)
C: I (for Italy)
AC: +39 (for Italy)
N: Omnitel (for Omnitel)
Use ⓜ≫ to move from one item to the next.

Home network (Menu 7 4)

This function displays the home network operator which has issued the SIM card.

Call control (Menu 8)

Minute beep (Menu 8 1)

This function activates a beep every minute during an outgoing call to indicate duration.

Call duration (Menu 8 2)

This function registers the duration of the last outgoing call, all incoming national and international calls, all outgoing calls (national and international) and total conversation time. This last function also requests confirmation to clear all timers.

Charge rate (Menu 8 3)

This network service displays the charge for the last call (and all calls) as well as the corresponding number of units.
If the PIN2 is also entered, this function enables you to set the value and currency of a single unit, reset the units counter and restrict it to a pre-set number.
Note:
The value, currency and the duration in seconds of a single unit can only be set if **Local** is displayed on the last line of the function **COST CONTROL**.
Use ⓜ⏩ to move from one item to another and confirm.

Transfer own number (Menu 8 4)

This network service enables (for all calls) to transmit or retain (leaving the operator's settings unchanged) your own telephone number to the display of the telephone called. The subsequent functions enable (or not) the option to transmit the number for each single call.

Closed User Group (Menu 8 5)

If this function is offered by the network operator to the subscribers of this service, it enables you to make calls only to one or more defined user groups.
You have to dial and confirm into the index the code number of the user groups assigned by the network operator.
If activated, the other two sub-menus are used to inhibit calls to users of a different group than the one indicated as preferred (a message will be shown in the last row of the display), as far as Suppress CUG is concerned, and to inhibit calls to users out of the selected user group, as far as Suppress OA is concerned.
Note: If calls are made out of your own user group, you have to dial the code of the new user group into the index.

Network Identity Time Zone (Menu 8 6)

If this function is offered by the network operator to the subscribers of this service, it enables you to display the effective local time of the place where you are, without *changing the settings of the relevant menu.*

English

Information (Menu 9)
IMEI (Menu 9 1)

This function displays the serial number of the telephone. In case of robbery, inform immediately the network operator notifying this number (supplied with the sales pack) in order to block the use on GSM networks offering this service.

Software (Menu 9 2)

Displays the telephone software version.

SIM info (Menu 9 3)

Displays the phase (1 or 2) of the SIM card followed by the Mobile Country Code (MCC) number and the Mobile Network Code (MNC) number.

Total life (Menu 9 4)

Displays the total time of incoming and outgoing calls.
This data cannot be reset.

10. MENU SATELLITE

This menu is accessible by pressing ⟲ and provides rapid access to the satellite menus where the settings could be modified and information obtained.
Menu 1 and 3 are available only if not in conversation. Menu 2 and 3 are available only if connected with the satellite network, and not with the GSM terrestrial network. Menu 4 is available (with certain exceptions, explained further on) on both networks.

1 Mode

    ❶ GS

    ❷ GSM

    ❸ GS then GSM

    ❹ GSM then GS

2 Positioning

    ❶ Error display

        ① On

        ② Off

    ❷ Position

    ❸ Last Position

3 GS service

    ❶ Search network

    ❷ Auto selection

        ① On

        ② Off

    ❸ Network list

4 Local time

English

The following pages list the menu functions available together with a brief description of each. To access these functions, refer to the section on using the menu.

Mode (Menu 1)
GS (Menu 1 1)

When switched on, this function enables you to use the Globalstar satellite network only.

GSM (Menu 1 2)

When switched on, this function enables you to use the terrestrial GSM network only.

GS then GSM (Menu 1 3)

When switched on, the telephone will connect as far as possible to the Globalstar satellite network.
Note: if there is no satellite network signal, the telephone will switch on the terrestrial GSM network. Usually every 30' (but this time varies upon the network operator's request) the telephone will repeat the network search: if the signal is available, it switches automatically on the satellite network, otherwise it remains on the terrestrial GSM network.

GSM then GS (Menu 1 4)

When switched on, the telephone will connect as far as possible to the terrestrial GSM network.

Note: if there is no terrestrial GSM network signal, the telephone will switch on the Globalstar satellite network. Usually every 30' (but this time varies upon the network operator's request) the telephone will repeat the network search: if the signal is available, it swtiches automatically on GSM network, otherwise it remains on the satellite network.

Positioning (Menu 2)
Error display (Menu 2 1)

This function allows to display the received position information of the telephone, even if position error is greater than 10 Km in comparison to the effective position (see the following menu).

Position (Menu 2 2)

This function allows to detect the geographic position of the telephone: the received position in relation to the effective position of the telephone is of approximately 10 Km.

Last Position (Menu 2 3)

This function allows to display the last 10 received position values. To scroll the menu up and down, press keys ⓣ✱ and ⌗↓.

GS service (Menu 3)

Search network (Menu 3 1)

This function has the same use as alrea-dy explained for the terrestrial GSM net-work search (7 1), but allows to search for all Service Providers available on the sa-tellite you are connected to.

Auto selection (Menu 3 2)

This function has the same use as alrea-dy explained for the network search (7 2), but is available only for the satellite net-works.

Network list (Menu 3 3)

This function has the same use as alrea-dy explained to set up a list of networks (7 3) but is available only for the satellite net-works.

Local time (Menu 4)

This function enables you to set the local time of the place where you are, which could differ from that displayed by the sa-tellite network.

English

11. SHORT MESSAGES SERVICE MENU

This menu is accessible by pressing ✉ and provides rapid access to the voice mailboxes, option for transmission and receipt of short text messages (SMS) and messages sent by the network to all subscribers in a specific area (Cell Broadcast).
The text message function (SMS, Short Message Service) is a service that may not be available on the network. To use SMS, call a message centre number (supplied by the network operator).
The Cell Broadcast function may also not be available on the GSM network.
The Cell Broadcast function is not available on the Globalstar satellite network.

1 Call mailbox

    ❶ Call mailbox?

2 Messages

    ❶ Write new

        ① Send

        ② Store

        ③ Send and store

        ④ Parameters

    ❷ Received

    ❸ Written

    ❹ Parameters ☛

        ① Name

        ② SMS-Center no.

        ③ Validity

        ④ Destination

        ⑤ Protocol Id.

        ⑥ Set default

    ❺ Autodelete

        ① On

        ② Off

    ❻ Reply path

        ① Activate

        ② Deactivate

    ❼ Status Report

        ① On

        ② Off

    ❽ Information

3 Cell Broadcast

    ❶ Message

    ❷ Activation

        ① On

        ② Off

        ③ Auto display

    ❸ Languages

    ❹ List

☛ **It is possible, but depends on SIM, to record also further parameters.**

The following pages list the menu functions available together with a brief description of each. To access these functions, refer to the section on using the menu.

In messages only, the two keys -sm- perform additional functions according to the symbol located above the key:

⊕ enlarge message

✉ answer incoming message or update previous message

ABC enter message

123 enter telephone number

Call mailbox (Menu 1)

This function (if supplied by the network) enables you to listen to voice mails stored in a specific mailbox. The telephone calls the number stored in this menu after ⓜ⬜ is pressed.

The number of the mailbox must be supplied by the network operator.

Messages (Menu 2)
Write new (Menu 2 1)

This function enables you to enter the message first (max.160 characters) and then the telephone number to call (which is requested if not stored in parameters specified in section Parameters 2 4 below).

The characters are entered as described for entering names in the phone-book.

Press ⊠ to define and store user messages (after pressing ⓜ⬜).

Press ⓜABC to enter the message, and ⓜ123 to enter the number to be called.

To enter a series of numbers after entering a message, press ⊕0 for one second after which NUM is displayed.

Send (Menu 2 1 1)

This function sends the message.

Store (Menu 2 1 2)

This function stores the message without sending.

Send and store (Menu 2 1 3)

This function sends and stores the message.

Parameters (Menu 2 1 4)

This function enables immediate access to the parameters sub-menu (2 4) described below.

Received (Menu 2 2)

On receipt of an SMS message, the symbol ▢ is displayed and an acoustic signal is activated.

Messages can now be read.

To scroll through messages, press ✱ and #; the same keys can be used to scroll through a long message following enlargement (by pressing ⊕).

Press ⊠ (before enlarging the message) to display the number of the Service Centre that has transmitted the message.

To delete a message, press © for 1 second and then confirm the request.

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If the message was previously enlarged press ✐🔲 before deleting.

To reply to a message, press ✐✉ enter the message on request, confirm by pressing ✐🔲 and enter the number to be called.

To call the sender of the message, press 🔘 and ✐ for one second; if several numbers are present in the message, select the required number using ⓧ or ⌗ and press ✐ twice: the first time to select the required number and the second to make the call.

Note: some network operator send a special SMS in order to inform on the presence of messages into the call mailbox. These messages are not registered into the SIM card as the other SMS, but shown only on the display: after you read the message, press twice ✐ in order to cancel.

If you get a call while the message is displayed, scroll as usual this menu to read the message (✉ signals the presence of messages).

As far as these special messages are not written on the SIM card, they are automatically cancelled when you switch off the telephone.

Written (Menu 2 3)

This function enables modifications to previously written and stored messages.

Parameters (Menu 2 4)

Before sending the first message enter in the sub-menus described below all - or **at least** the number of the Service Centre provided by the network operator - data required to perform the SMS function (once only if the subsequent destinations do not change).

Note: the number of parameters that can be stored depends on the SIM card type and comprehends: the name given to the parameter, the number of the Service Centre, the maximum time within the Service Centre tries to send the SMS (Validity), the telephone number of the receiver and the protocol to be used.

The option `Phone para` stores the parameters permanently in the telephone memory and not in the SIM card.

Name (Menu 2 4 1)

This function enables you to assign a name to a parameter. It is particularly useful when, in the presence of several parameters, you need to assign to each one a specific profile, including the data entered in the three following sub-menus.

For example, if you often send short text messages (SMS) to a person called "Marc" then the parameter should be named the same.

Service Centre number (Menu 2 4 2)

Enter the Service Centre number supplied by the network operator.
Note: do not confuse this number with that of the message recipient.

Validity (Menu 2 4 3)

This network service enables you to set a time interval during which messages are stored at the Service Centre. To move through items press ⓜ⟩⟩ and to modify time units (min., hour, days, week) use ①✱ and ⌗①.
Note: if the maximum time entered exceeds Service Centre specifications the value is changed automatically to the specified value.

Destination (Menu 2 4 4)

This function enables you to store a destination number to which all messages are sent.
Note: if the telephone number is stored there it will not be requested every time you send a message.

Protocol Id. (Menu 2 4 5)

This network service enables the conversion of messages into different formats, such as Email, Fax, X.400. Modify the pre-set value (0) only after contacting the Service Centre.

Set default (Menu 2 4 6)

This function activates the selected parameter. In case of several stored profiles, it allows you to chose and applicate (as long as another is not set as default) the selected parameter.

Autodelete (Menu 2 5)

This function deletes messages automatically after they have been read.

Reply path (Menu 2 6)

This network service enables the receiver of the message to send a replay by using the same Service Centre.

Status report (Menu 2 7)

This network service enables the sender to receive confirmation of receipt of the message from the recipient.

Information (Menu 2 8)

This option supplies information on the messages present in the SIM card.
The first line displays the number of messages present and the maximum permitted number of messages.
The next two lines display respectively the number of messages received and those written and stored.
Note: written and stored messages (and those received) are also stored on the SIM card: they keep the memory usy and therefore remember to delete them if they are not useful.

English

Cell Broadcast (Menu 3)

Message (Menu 3 1)

This function displays the messages sent by the network operator to all subscribers of an area, containing news and information on hospitals, surgeries, chemists, road traffic, taxis, weather forecasts, zone, etc.

Activation (Menu 3 2)

When this function is activated it displays the message only if the previous menu (3 1) is used. If deactivated, the messages are not displayed. If the automatic display is activated the messages are displayed on the first two lines of the display, provided that the telephone is not being used. To scroll through remaining messages below the two lines, press and hold ✐ to continue scrolling. To change the scrolling direction press ✐ twice: the direction of the arrow confirms the change. To cancel the message from the display, press and hold Ⓒ (although it will remain stored in the previous menu).
Note: the message remains on the display when a telephone number is entered.

Languages (Menu 3 3)

More languages can be stored, (according to the SIM card type) selected among those available, in which messages can be received. Confirm the language and then select another one using the scrolling keys, confirm the selection or exit the function.
If the list is empty, messages will be received in all languages.

Note: unless for specific requirements (e. g. the network operator - to whom this service is referred - sends messages in several languages or wish to receive messages in one language only) it is better not to store specific language(s) as the network operators do not always send messages in their own language but in another one (very often in English).

List (Menu 3 4)

A number of subjects can be stored, (according to the SIM card type) selected among those available, according to which messages can be received. In this function, confirm and make another selection by pressing Ⓜ⬛ and use the scrolling keys to select the required item. Select and confirm or exit the function.
If the required subject does not appear on the list, use the scrolling keys to move to `User defined`, press Ⓜ⬛ to make another selection and enter the code of the required subject (supplied by the network operator).
Move on to the next item to name the subject and confirm the selection or exit the function.
If the list is empty all subjects are received.
Note: display of the languages and subjects depends on the SIM card.
To delete a language or subject, select the item, press then hold Ⓒ and confirm on request.

TECHNICAL SPECIFICATIONS

Dimensions:

Height: 224 mm
Width: 65,5 mm
Depth: 50 mm
Weight: 300 gr. (without battery pack)

Environmental characteristics:

Temperatur: -10°C ÷ +55°C
Humidity: 5% ÷ 95% noncondensing

English