Ericsson GH388/GF388

Handheld Telephone for the GSM Network

User's Manual

EN/LZT 126 1298 R1A

ERICSSON

The CE symbol on our products signifies that they have been certified according to the EMC directive 89/336/EEC, the Telecommunications directive 91/263/EEC, and the Low Voltage directive 73/23/EEC when applicable. The products fulfil the requirements according to the following standards:

Cellular Phones and Accessories in Combination:

ETS 300 342-1 EMC for European digital cellular telecommunications.

Accessories Without Direct Connection to a Cellular Phone:

EN 50081 Electromagnetic compatability, Generic Emission Standard, and EN 50082 Electromagnetic compatability, Generic Immunity Standard.

This manual describes Ericsson GF388/GF388, all versions

First edition (October 1995)

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INNOVATRON PATENTS

Safety Precautions

Turn off your cellular telephone when in an aircraft. The use of cellular telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and is illegal. Failure to observe this instruction may lead to suspension or denial of cellular telephone services to the offender, or legal action, or both.

Turn off your cellular telephone when at a refuelling point.

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress.

There may be a hazard associated with using your cellular telephone close to personal medical electronic devices, such as hearing aids and pacemakers.

Operation of your cellular telephone close to other electronic equipment, such as televisions, radios and personal computers may cause interference.

The phone contains a magnet. **Do not** place it next to magnetic storage media such as computer diskettes or credit cards.

Do not dismount the antenna. If a child gets it into the throat, there may be a suffocation risk.

Do not attempt to dismantle your cellular telephone yourself. There are no user-serviceable parts inside.

Do not expose your cellular telephone to rain or spill beverages on it.

Have your cellular telephone installed in a vehicle by qualified personnel.

If you use your cellular telephone in a vehicle, it is advised that a handheld microphone or telephone handset should **not** be used by the driver while the vehicle is moving, except in an emergency. Speak only into a fixed neck slung or clipped-on microphone when it would not distract your attention from the road. **Do not** stop on the hard shoulder of a motorway to answer or make a call, however urgent.

Use only chargers and AC/DC Converters approved by the manufacturer of this telephone. Use of any other battery charger and/or AC/DC Converter with this telephone will invalidate any approval given to this telephone and may be dangerous.

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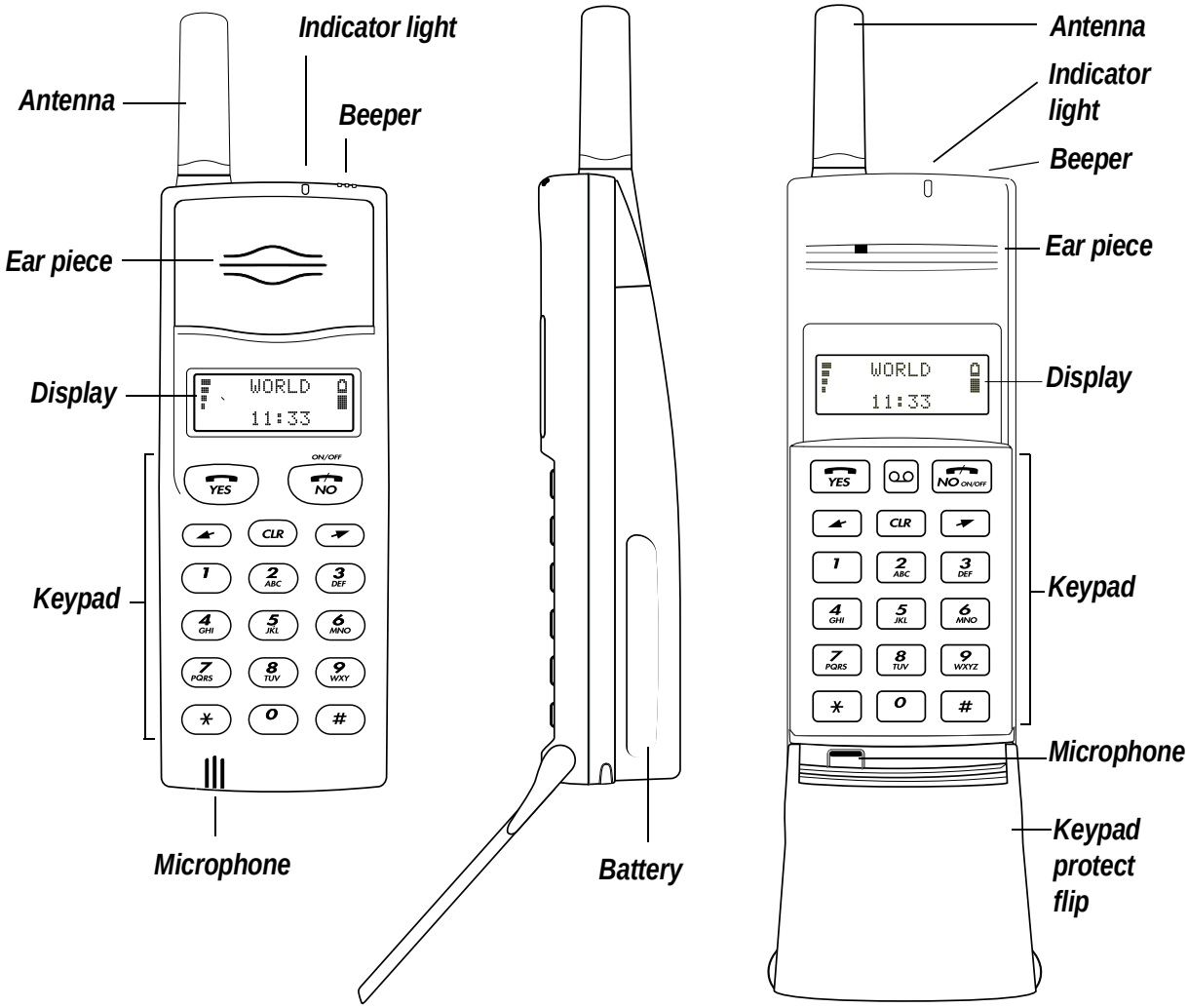
Menus and functions marked with an asterisk (*) may not always be used. The reason may be that they are not available on the network you are using, or that you may not have subscribed to the service that the menu or function represents.

Introduction

1. Overview



This digital handheld cellular telephone is designed for use on a GSM network (Global System for Mobile Service).

The most essential operations, such as turning the phone on and off, making and answering calls, and storing and recalling phone numbers, are described in the **Basic Guide.**

This **User's Manual** deals with the more advanced functions of the phone, such as using the phone's menus, handling two calls simultaneously, and receiving and sending text messages.

The phone is prepared for use with a **Mobile Office** kit which works as an interface between the phone and a personal computer or laptop. This lets you receive and send e-mail and fax messages and use data communication. Accessing the special menus needed is explained in the manual supplied with the **Mobile Office** kit.

2. Key Functions

(**Send**)

Used to make a call after a phone number has been entered.

Used to put a call on hold and to switch between two calls. Refer to chapter **19. Putting a Call On Hold** and **20. Handling Two Calls Simultaneously**.

Voice Mail

This key is only available on telephones with a flip.
Press to recall the number of your answering service. Refer to chapter **24. Voice Messages**.

ON/OFF

To turn the phone on, press and hold down the key until the display turns on.

To turn the phone off, ensure it is in standby mode. Then press and hold down the key until the display turns off.

(**End**)

Used to terminate a call.

Left Arrow and **Right Arrow**

Used during a call to **decrease** or **increase** the volume of the ear piece or handsfree loudspeaker. Briefly press ◄ or ► to adjust the volume by one step. There are five volume steps indicated by small squares in the bottom line of the display.

You can have one volume setting when you use the phone as a handheld unit and another setting when the phone is powered from an external source, for example, when you use it as a handsfree phone in a car. Both settings will remain unchanged after you have turned the phone off.

Used to enter the **Menu** system.

To enter the Menu system while a call is in progress, you must hold down ◄ or ► .

Clear

Erases digits from the bottom line of the display. Hold down to erase all digits simultaneously.

If held down while a call is in progress, it disconnects the microphone (**Mute** function).

Numeric keys

Used to enter the digits **0** – **9**.

Also used to enter letters. Refer to chapter **3. Key Functions in the Menu System**.

Star and **Hash**

Used to enter the characters * and #.

Press and hold down * to enter a pause character (p). Refer to chapter **22. Sending DTMF Tones**.

is used to terminate the input of PIN and security codes.

can be used to recall a phone number from the Phone Book (enter the number of the storage position and then press #).

Press and hold down # to enter the character ¤ which precedes the storage positions in the phone memory. Refer to chapter **17. The PHONE BOOK Menu.**

3. Key Functions in the Menu System

Left Arrow and **Right Arrow**

Press repeatedly or hold down to move:

- from menu to menu
- from function to function within a menu
- from setting to setting within a function, or from storage position to storage position in the Phone Book and other memories

YES

Press to select a menu, a function or a setting.

NO

Press to move one level up in the menu system:

- from a setting back to a function
- from a function back to a menu
- from a menu back to the starting point

CLR

Press to leave the Menu system (from anywhere in the Menu system) and return to the starting point.

You will leave the Menu system automatically if you do not press a key within 60 seconds or if you receive a call.

To enter letters

Press the appropriate key, **1** – **9**, **0** or # (repeatedly) until the desired letter, character or digit appears in the display.

1 Space - ? ! , . : " ’ ( ) 1

2 A B C Å Ä Æ à Ç Γ 2

3 D E F è É Δ ρ 3

4 G H I ì 4

5 J K L Λ 5

6 M N O Ñ Ö Ø ò 6

7 P Q R S ß Π Σ 7

8 T U V Ü ù 8

9 W X Y Z 9

0 0 + & @ / $ % £ Θ Ξ φ Ω

⁎

To enter lower-case letters

Enter the letter, for example an **A**, and then press ⁎. An **a** appears.

Lower-case letters will now appear until you press ⁎ again.

4. Protecting the SIM Card and the Phone

The SIM card contains a computer chip that holds information specific to your subscription and the services that you have requested from your network operator.

Card Lock

The card lock protects your SIM card.

When you purchase your SIM card, you obtain a 4- to 8-digit **PIN** code. PIN stands for Personal Identification Number.

Each time you turn the phone on, you have to enter the PIN code and then press #.

If the wrong PIN is entered three times in succession, the SIM card is blocked. If this happens, refer to chapter **28. Problems You Can Solve**.

If your SIM card allows it, you may turn off the card lock. This is described in chapter **11. The ACCESS Menu.**

The PIN can be changed

If you do not like the original PIN, you may change it to a code you find easy to remember.

How to change the PIN code is described in chapter **11. The ACCESS Menu.**

*Should you forget your PIN, you may choose a new PIN by entering a sequence of characters, including your **personal unblocking key** (PUK) as described in chapter **28. Problems You Can Solve**. Refer to the section entitled **Alternative method to unblock the SIM card**.*

PIN2

Some services require that you enter a second PIN code, the PIN2 code. Also the second PIN code can be changed in the **Access** menu.

Phone Lock

The phone lock protects the phone against unauthorised use of the phone in the event of a theft.

The phone lock is **not** activated when you purchase the phone. You should, however, activate it as soon as possible.

The factory-programmed security code should be changed

The phone is factory-programmed with a 4-digit security code of **0000**. To improve security, you should change this to any 4- to 8-digit personalised code.

You should choose your security code carefully. You can, for example, use the same code as your PIN, or another code that you find easy to remember.

How to change the security code is described in chapter **11. The ACCESS Menu**.

Should you forget your security code, you must contact an authorised dealer.

Two levels of locking

There are two levels of locking the phone:

- Full Lock
- Autolock

When the **Full Lock** is activated, the message **Phone locked** is displayed briefly, followed by the prompt **Enter lock code**, each time the phone is turned on. The user then has to enter the **security code**, followed by #, to be able to use the phone.

When the **Autolock** is activated, the message **Phone locked** and the prompt **Enter lock code** will not appear until a **different** SIM card is inserted in the phone. After the security code has been entered correctly, the phone can be used with **new** SIM card. Not until the **original** or a **different** SIM card is inserted in the phone, will the user again be asked to enter the security code.

How to lock the phone is described in chapter **11. The ACCESS Menu**.

Keypad Lock

You can lock the keypad so that unintentional key action has no effect if the phone is turned on when you are carrying it in a pocket or a handbag. This function is useful if you have a phone without keypad protect flip.

How to lock and unlock the keypad is described in chapter **15. The KEYLOCK Menu**.

Menus and functions are listed in the order in which they appear in the display when you scroll with ➘ (right arrow).

Menus and functions marked with an asterisk (*****) may not always be used. The reason may be that they are not available on the network you are using, or that you may not have subscribed to the service that the menu or function represents.

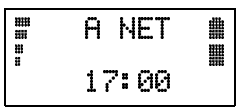
If you are in doubt whether you can use a service or not, contact your network operator or service provider.

5. International Number and Other Useful Dialling Functions

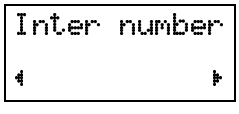
- If you have not entered any digits into the display, pressing ➘ takes you to the **International Number** function, which lets you insert the international character "**+**" before a phone number.
- If you have entered characters into the display, pressing ➘ takes you to the **Special Characters** menu, which lets you
  - insert the international character "**+**"
  - insert a pause character (p)
  - show your phone number when making a call*
  - hide your phone number when making a call*
- If you have entered more than 20 characters into the display, pressing ➘ takes you to the **CHECK** function, which lets you see the first digits.

To make an international call – ***Inter number***

The time is shown in the bottom line of the display:



Press ➘.



Press **YES** to insert the international character "**+**" before the phone number

or enter the first digit of the country code.

The "+" character will be replaced by the correct international prefix when you make the call, independent of the country you are calling from, home or abroad.

To insert special characters ***– Special characters***

To insert the international character "+" – ***Enter +***

For example, if you wish to divert all calls using the network service code ∗∗21∗, you may need to enter the international character "**+**" before a country code.

Press ➘.

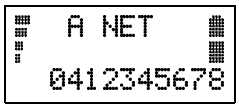
Press **YES** to select the **Special Characters** menu.

Press **YES** to insert the "**+**" character.

To insert a pause character – ***Pause***

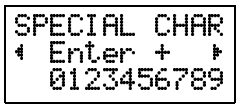
A pause character lets you enter a phone number followed by code (a sequence of characters) that you want to send as DTMF tones when the call is connected.

Enter the phone number you wish to call.

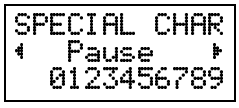


Press ➘.

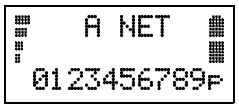
Press **YES** to select the **Special Characters** menu.



Press ➘.



Press **YES** to insert the pause character (p).



Enter the code you wish to send.

For more information about DTMF signalling and the use of pauses, refer to chapter **22. Sending DTMF Tones**.

To show your phone number when making a call – ***Send Id****

To hide your phone number when making a call – ***Hide Id****

Refer to chapter **21. Who Is Calling?**

To check the first characters – ***CHECK***

If you enter more than 20 characters (0 – 9 and ✳, #, + or p), the first characters will disappear from the display. Instead, a left arrow is shown on the left in the second line, in front of the characters.

To see the first characters, press ➘.

If you wish to enter another special character, for example a pause character, press ➘.

The maximum number of characters that can be entered is 36.

6. Speech then Fax (Data Menu)

This menu is not available unless you have turned it on in the **Data menus** function in the **Settings** menu.

How to use this menu is described in the manual for the **Mobile Office** kit.

7. The **INFO** Menu

The **Info** menu lets you display:

- the **voltage** of the battery attached to the phone
- the time or cost of the **last call**
- the **total** call time or call cost

It also lets you:

- reset the total call meter

To display the battery voltage – ***Battery***

The voltage of a fully charged battery is at least 6.9 – a battery that is almost empty has a voltage of 6.1 or less.

To display the time or cost of the last call – ***Last call***

Depending on the setting in the **Call Info** function in the **Settings menu**:

- the elapsed time of the last outgoing call in (hours,) minutes and seconds
- the elapsed time of the last incoming or outgoing call in (hours,) minutes and seconds
- the cost of the last incoming or outgoing call, provided you have subscribed to this feature.

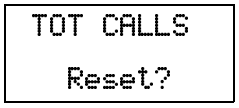
To display the total call time or call cost – ***Tot calls***

Depending on the setting in the **Call Info** function in the **Settings menu**:

- the elapsed time of all outgoing calls in (hours,) minutes and seconds
- the elapsed time of all incoming and outgoing call in (hours,) in minutes and seconds
- the cost of all incoming and outgoing calls, provided you have subscribed to this feature.

To reset the total call time/cost meter

Press **YES**.



Press **YES** to reset the meter.

If you have chosen the call cost option, you must enter the **PIN2 code** to be able to reset the meter.

To have the call cost displayed – ***Price****

*This function only appears if you have selected the **Cost** option in the **Call Info** function in the **Settings menu**. It is a pre-requisite that your SIM card allows the call cost to be displayed.*

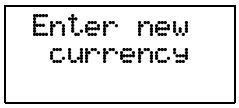
“Home” means that the number of call units will be displayed during a call, and in the **Last call** and **Tot calls** functions.

The **Price** function lets you enter and vary the price per call unit. The price entered will be stored on the SIM card.

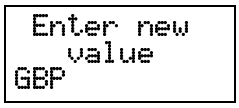
To enter the price per call unit:

Press **YES**.

Press **YES**.



Enter the currency with the numeric keys, for example **GBP** for Pounds Sterling, and press **YES**.



Enter the price per call unit, for example **0.25**, and press **YES**. To enter the decimal point, press * or #.

Enter the PIN2 code and press #.

To revert to displaying call units or change the price:

Press **YES**.

a. To revert to displaying call units, press **YES**.

b. To change the price, press ↙.

Proceed as described above under **To enter the price per call unit**. If you wish to keep the selected currency, just press **YES** when the prompt **Enter currency** is displayed.

8. Next Call Type (Data Menu)

This menu is not available unless you have turned it on in the **Data menus** function in the **Settings** menu.

How to use this menu is described in the manual for the **Mobile Office** kit.

9. The **DIVERT** Menu*

If you want to make certain that your incoming calls are taken care of when you are unable to answer them, you can use the **Call Divert** service of the cellular network to divert (forward) them to another phone number, for example, the number of your answering machine.

The Call Divert service lets you:

- divert calls if you already are engaged in a call – **On busy**
- divert calls that you do not answer (within normally 30 seconds) – **No reply**
- divert calls when you have turned off the phone or you are unreachable – **Unreachable**

You may use all three call diverts and you may divert the calls to different phone numbers, dependent on the situation.

You may also divert **All calls**, regardless of whether your phone is turned on or off, or you are unreachable. If turned on, the phone will not ring if a call is received.

*If you activate the **All calls** divert, all other diverts will be cancelled automatically. They will, however, be activated again when you cancel the **All calls** divert.*

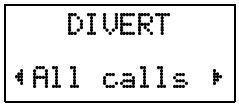
To divert:

all calls – ***All calls****

calls when you are engaged in a call – ***On busy****

calls if you do not answer them – ***No reply****

calls when you are unreachable – ***Unreachabl(e)****



The first option in the Divert menu is **All calls**. To choose another divert, scroll with ▼/▲.

Press **YES** to select the desired divert. In this example we will choose **On busy**.

To activate the call divert

The first option is **Activate**. Press **YES** to select it.

You may now:

a. Enter the phone number where you want your calls to be diverted, **including** the area code, and then press **YES**.

b. Enter an **international** number. Press ▼ to insert the international character "**+**". Then enter the country code, the area code and the phone number. Note that a leading **0** in an area code must be omitted. Finally, press **YES**.

c. Recall the number from the Phone Book. Press ▲ and then recall the number. Finally, press **YES**.

*If you used the **ON busy** divert on an earlier occasion and then cancelled it, the phone number to which the calls were diverted will be suggested. To keep the number, just press **YES**. Otherwise, erase the number using the **CLR** key and enter the new number.*

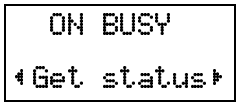
There may be a short delay before the network responds. In the meantime, the message **Please wait** is displayed. This is followed by the message **On busy Divert ON**, together with the phone number.

Incoming calls will now be diverted to this phone number when you are engaged in a call.

As a reminder, the display will inform you about any activated call divert each time you turn the phone on.

To review the status of the call divert

Press **YES** and scroll with ▼/▲ to the **Get status** option.



Press **YES** to check the status. The message **Please wait** appears, followed by either the phone number and **(Active)** if the call divert is activated, or **(Off)** if it is not activated.

To cancel the call divert

Press **YES**.

Press **YES** to cancel the call divert. The message **Please wait** appears, followed by a message which informs you that the call divert has been cancelled.

To cancel ALL call diverts – ***Cancel all****

Select the Divert menu and scroll to the **Cancel all** option.

Press **YES** to cancel all activated call diverts.

The message **Please wait** appears, followed by a message which informs you that all call diverts have been cancelled.

To review the status of ALL call diverts – ***Check all****

Select the Divert menu and scroll to the **Check all** option.

Press **YES** to check the status of all call diverts.

The message **Please wait** appears, followed by information about **all** call diverts and whether they are activated (**Active**) or not (**Off**). If a call divert is activated, the phone number is also displayed.

The call diverts are displayed automatically, one after the other.

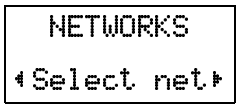
Check All is a good way to update the phone's own information about call diverts.

10. The **NETWORKS** Menu

When you turn the phone on, it normally selects its **home** network. If this is not within range, for example when you are abroad, you may use another network, provided your home network has an agreement which allows you use this network. This is called **roaming**.

The Networks menu includes a number of functions which you can use to determine how the phone searches for a network. You may also select a network yourself from those within range.

To select a network – ***Select net***



To select a network from those within range, press **YES**. The message **Please wait** is displayed briefly.

a. If the home network is within range and you are using it, its name is displayed with the message **Current**.

If you are using another network, the name of the home network is displayed with the message **Home**.

Instead of the full name of a country and a network, an abbreviation is displayed when you use the Networks menu.

If you wish to see the full name of a network, press ∗.

b. If the home network is not within range, the name of another network is displayed

with the message **Current**, **Preferred**, **Available** or **Forbidden**.

- Current means that the network is currently used.
- Preferred means that the name of the network is included in a list of preferred networks on your SIM card. Refer to the description of the **Edit List** function below.
- Available means that you are allowed to use the network.
- Forbidden means that you are not allowed to use the network. You can, however, make emergency calls. See also the next section, **List of Forbidden Networks**.

c. If no network is within range, the message **No network** is displayed.

If more than one network is within range, the name of the other networks can be displayed one by one by pressing ➶.

When the network you wish to use is displayed, press **YES** to select it.

List of Forbidden Networks

The names of the “forbidden” networks are stored in a list on your SIM card. If such a network is in range, it will be omitted when the phone searches for a network (automatic search mode).

If the state of things changes, and your home network and a “forbidden” network have come to an agreement that allows you to use the “forbidden” network, you can select this network though the message **Forbidden** is displayed. By doing so, you will delete the name of the network from the list of forbidden networks.

To choose automatic or manual network search mode – ***Searchmode***

Automatic search mode

In the first place, the phone searches for its **home** network. If this is not available, the phone will search for another available network from those within range.

The **order of preference** in which the phone will select a network, in case the home network is not within range, is determined by a list of preferred networks on your SIM card.

Manual search mode

The phone will select its **home** network in the first place. If this is not within range, the question **Select network?** will be displayed.

To select a network, press **YES**. Then proceed as described above under **To select a network – *Select net***.

*If you do **not** press **YES** within ten seconds, the phone automatically selects the network that was last used, provided it is within range.*

To create a list of preferred networks on your SIM card – ***Edit List***

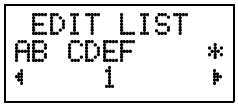
If you wish, you can create a list which defines the order of preference in which the phone will select a network during automatic network selection when the home network is not within range.

The number of networks that can be stored in the list depends on your SIM card.

The **Edit List** function lets you **review** the networks in the list, **add** networks to the list, **delete** networks from the list and **re-arrange** the order of the networks

To review the list of networks

To review the list, press **YES**. The message **Please wait** is displayed briefly.



The name of the **first** network is displayed. If a * is also displayed, this indicates that the network is within range.

*To see the full name of a network, press *.*

You can scroll through the other networks in the list with ▼/▲.

To add a network to the list

Scroll with ▼/▲ to the position where you wish to insert the network.

a. If you scroll to the **first free** position, the question **Add net?** appears

b. If you scroll to a position that already is occupied, you must press **YES** and then scroll with ▼/▲ until **Add net** appears.

Press **YES** and then scroll with ▼/▲ until you find the desired network.

*If the desired network does not appear, press **YES** when the question **Other?** appears. Then enter the 3-digit country number and the 2-digit network number.*

Finally, press **YES** to add the network to the list.

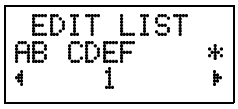
To delete a network from the list

Scroll with ▼/▲ to the network you wish to delete and press **YES**.

Scroll with ▼/▲ until **Erase** appears.

Press **YES** to delete the network from the list.

To re-arrange the order of the networks in the list



Scroll with ▼/▲ to the network you wish to move and press **YES**.

Move is displayed. Press **YES** and then enter the new position within in the list.

Press **YES** to move the network to its new position.

To start an automatic network search – ***New Search***

You can at any time start an automatic network search by pressing **YES**.

11. The **ACCESS** Menu

The Access menu includes the following functions:

- Barring*
- Call waiting*
- Lock/Unlock card*
- Change PIN code
- Change PIN2 code
- Phone lock
- Phone lock – Change code

BARRING*

The **Call Bar** service of the cellular network allows you bar different types of outgoing and incoming calls to restrict the use of your phone.

You can bar:

- All outgoing calls
- All outgoing international calls
- All outgoing international calls except to your home country.
- All incoming calls
- All incoming calls when you are abroad (when roaming).

To ensure that a call bar is not changed by someone else, a **password**, which comes with your subscription, is necessary to activate or cancel a call bar.

To bar:

all outgoing calls
– ***All outgoing calls****

outgoing international calls – ***All outgoing int calls****

all outgoing international calls *except* to your home country – ***Int outgoing when roam****

all incoming calls
– ***All incoming calls****

all incoming calls when you are abroad (when roaming)
– ***All incoming when roam****

The first type of call bar is **All outgoing calls**. To choose another type of call bar, scroll with ▼/▲.

Press **YES** to select the desired type of call bar. In this example we will choose **All outgoing international calls**.

To activate a call bar

The first option is **Activate**.

Press **YES**.

Enter your password and then press **YES**.

There may be a short delay before the network responds. In the meantime, the message **Please wait** is displayed. This is followed by a message which tells you that all outgoing international calls are barred.

*If you **divert** your incoming calls you cannot activate some barring alternatives. Likewise, if you bar calls, you cannot activate some call divert alternatives.*

To review the status of a call bar

Press **YES** and then scroll with ▼/▲ to the **Get status** option.

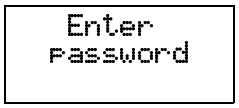
Press **YES**.

The message **Please wait** appears, followed by a message that informs whether the call bar is activated or not.

To cancel a call bar

Press **YES** and then scroll with ▼/▲ to the **Cancel** option.

Press **YES**.



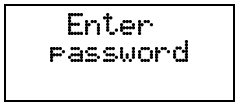
Enter your **password** and then press **YES**.

The message **Please wait** appears, followed by a message that confirms that the call bar is cancelled.

To cancel ALL call bars
– ***Cancel all****

Scroll with ▼/▲ to the **Cancel all** option.

Press **YES**.



Enter your **password** and then press **YES**.

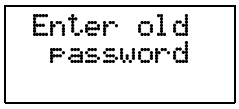
The message **Please wait** appears, followed by a message that confirms that all call bars are cancelled.

To change your password – ***Change password****

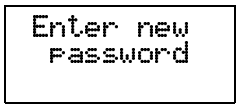
The password for the **Call Bar** service comes with your subscription. You can easily change the password as often as you like.

Scroll with ▼/▲ to the **Change password** option.

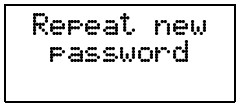
Press **YES**.



Enter the **old** (the current) password and then press **YES**.



Enter the **new** password and then press **YES**.



Enter the **new** password **again** and then press **YES**.

The message **Please wait** appears, followed by a message that confirms that the password has been changed.

CALL WAITING*

If activated, the **Call Waiting** function allows you to **receive** a second call while you are engaged in a call.

To activate, review the status or cancel the Call Waiting function – ***Call Waiting****

Refer to the description in chapter **20. Handling Two Calls Simultaneously**.

CARD LOCK*

This function only appears if your SIM card allows you to turn the card lock off.

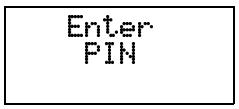
The card lock protects your SIM card. You can read more about it in chapter **4. Protecting the SIM Card and the Phone**.

Depending on whether the card lock is activated or turned off, the display shows either:

or

To activate the card lock – ***Lock card****

Press **YES**.

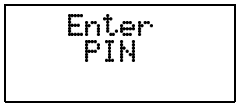


Enter your PIN and press #.

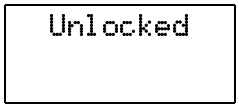
The card lock is now activated.

To turn the card lock off – ***Unlock card****

Press **YES**.



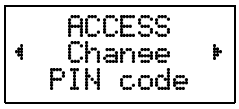
Enter your PIN and press #.



The card lock is now turned off.

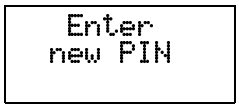
CHANGE PIN CODE

To change the PIN code – ***Change PIN code***



Press **YES**.

Enter the current PIN and press #.



Enter the new PIN and press #.

Enter the new PIN again.

The PIN has been changed.

*If the message **Matching error** appears, the new PIN was entered incorrectly.*

*If the message **Wrong PIN** appears, followed by **Enter Old PIN**, the old PIN was entered incorrectly.*

*If the old PIN is entered incorrectly three times in succession, the SIM card will be blocked. This is indicated by the message **Card blocked Unblock?** Should this happen, refer to chapter **28. Problems You Can Solve** at the end of the manual.*

CHANGE PIN2 CODE

To change the PIN2 code – ***Change PIN2 code***

Proceed as described above under **CHANGE PIN CODE**.

PHONE LOCK

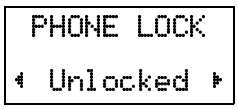
The phone lock protects the phone against unauthorised use of the phone in the event of a theft. You can read more about it in chapter **4. Protecting the SIM Card and the Phone**.

The phone lock is not activated when you purchase the phone. You should, however, activate it as soon as possible.

To lock or unlock the Phone – ***Phone lock***

The current setting **Full Lock**, **Autolock** or **Unlocked** is shown between brackets.

Press **YES**.



If necessary, scroll with ▼/▲ to desired option:

Full lock, **Autolock** or **Unlocked**.

When the desired option is displayed, for example **Autolock**, press **YES** to select it.

Enter the security code and press #.

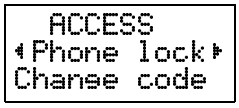
*When the phone is delivered, it is programmed with a security code of **0000**.*

Phone lock is displayed, together with the new setting: **Full Lock**, **Autolock** or **Unlocked**.

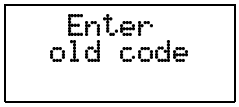
PHONE LOCK CHANGE CODE

To change the security code – ***Phone lock Change code***

*The phone factory-programmed with a security code of **0000**. To improve security, you should change this to any 4- to 8-digit personalised code.*



Press **YES**.



Enter the current security code and press #.

Enter the new security code (4 to 8 digits) and press #.

Enter the new security code again and press #.

The security code has been changed.

12. The **SETTINGS** Menu

The Settings menu includes a number of functions which let you adapt your phone to your personal needs in different situations.

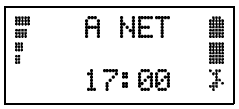
To set the level of the ringing signal – ***Ring level***

You can set the level of the ringing signal in six steps. The first step means that two clicks will be heard when a call is received.

You can also turn the ringing signal off (0) or choose a ringing signal that rises in steps from the lowest to the highest level (▲).

If you turn the ringing signal off, all audible signals will also be turned off. You will, however, be informed by the indicator light on the top of the phone and the display.

As a reminder that the ringing signal is turned off, an icon in the shape of a crossed music symbol is shown on the right in the bottom line of the display.



You can have one volume setting when the phone is used as a handheld unit and another setting when the phone is powered from an external source, for example, when it is used as a handsfree phone in a car.

To set the tone of the ringing signal – ***Ring type***

You can set the tone of the ringing signal in three steps: low, medium or high. You can also choose a mixed tone or a melody.

You can have one tone setting when the phone is used as a handheld unit and another setting when the phone is powered from an external source.

To choose manual or automatic key lock – ***Keylock***

You can choose either manual or automatic key lock. Refer to chapter **15. The KEYLOCK Menu**.

To set the key sound – ***Key sound***

You can choose whether clicks, tones or neither (silent) will be heard when you press the keys.

To turn the DTMF tones on/off – ***DTMF***

No matter which key sound setting you have chosen, DTMF tones will always be sent if you press keys **0** – **9**, ✳ and # while a call is in progress. This allows you to perform banking by phone and to control answering machines, for example.

Sometimes, it may be inconvenient that the DTMF tones are sent. Therefore, this function lets you turn the DTMF tones on/off.

To set the illumination of the display and keypad – ***Light***

The illumination can be set to automatic, turned off, or turned on all the time.

In the automatic mode, the illumination is turned off 20 seconds after the last key was pressed. It will be turned on again when a key is pressed, or when a call or message is received.

You can have one setting when the phone is used as a handheld unit and another setting when the phone is powered from an external source.

To be reminded of the conversation time spent during a call – ***Min minder***

This function gives an indication of the time spent during conversation by emitting a short beep in the ear piece or handsfree loudspeaker every full minute.

To choose call time or call cost – ***Call info***

During an outgoing call, the call time is shown in the display. The **Last Call** and **Total Calls** functions in the **Info** menu let you check the elapsed time of **outgoing** calls.

With the **Call Info** function you can choose to have the call time displayed for **all** calls, both incoming and outgoing.

You can also have the **call cost** displayed, provided you have subscribed to this feature.

To choose answering mode when using the phone with handsfree equipment – ***Answering Mode***

This submenu includes two functions, **Any key** and **Auto**, which are useful when the phone is used with **handsfree** equipment.

To be able to answer a call by pressing ANY key – ***Any key***

If you turn this function on, you can answer an incoming call by pressing any key **except** the ↶ key if the phone is used with **handsfree** equipment.

To choose automatic answering – ***Auto***

If you choose automatic answering mode, an incoming call will be answered automatically after one ringing signal if the phone is used with **handsfree** equipment.

To personalise the greeting displayed each time the phone is turned on – ***Greeting***

Instead of the greeting **Welcome**, which is displayed each time the phone is turned on, you can have your phone display a welcome greeting that you choose yourself.

Letters are entered with the numeric keys **2 – 9**. Refer to the table in chapter **3.**

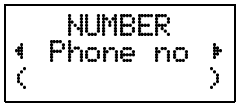
The **Greeting** function also lets you turn the greeting text off.

To have your phone number displayed each time the phone is turned on – ***Phone no***

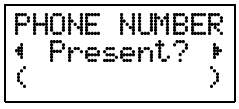
You can have your phone number displayed each time you turn the phone on.

To enter the phone number:

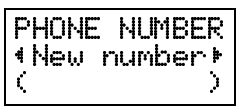
Press **YES**.



Press **YES**.



Press ➘.



Press **YES**.

Enter the number and press **YES**.

If you use your phone with the Mobile Office kit:

You can also enter your fax and/or data number.

Scroll with ➘/➚ until **Fax no** or **Data no** appears.

To enter the fax or data number, proceed as described above under **To enter the phone number**.

Different ringing signals for phone calls, fax calls and data calls:

Select **Phone no**, **Fax no** or **Data no**, and press **YES** when the question **Present?** appears.

If you selected the **Data no**, the **Ring level** and **Ring type** functions appear as follows:

You can then set ringing different ringing signals for phone calls, fax calls and data calls.

To select another language in the display – ***Language***

The phone is normally delivered with English text in the display. This function lets you select a language other than English.

Press **YES**. Scroll with ➘/➚ until you find the desired language, for example German,

and press **YES.**

To activate data menus – ***Data menus***

This function lets you turn the phone's data menus on or off.

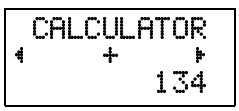
You should not turn the data menus on unless you use the phone with the **Mobile Office** kit.

13. The Calculator Menu

The calculator supports the four fundamental rules of arithmetic and percentages.

To make a calculation (134 / 32)

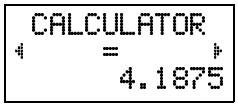
Enter **134**.



Press L / R to find the division sign, and press **YES**.

Enter **32**.

Press L / R to find the equal sign, and press **YES** for the result.



Press **CLR** to clear the display.

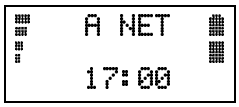
Shortcut!
Comma in number: press ⋆ once.
Multiplying: press ⋆ twice.
Equal sign: press # .

14. The CLOCK Menu

Read this first

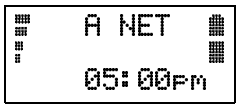
Clock (time of day)

The time is shown continuously in the bottom line of the display when the phone is in stand-by mode. The hours and minutes are presented in the 24-hour format.



The **Set clock** function lets you set the time.

The **Clock mode** function lets you choose the a.m./p.m. format instead of the 24-hour format.



Alarm

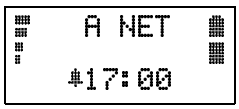
The phone has an alarm function,

The alarm will sound at the time set, even if the phone is turned off. The illumination of the keys and the display will flash, too.

The alarm will sound for 60 seconds and it will be repeated every five minutes if you do not turn it off. To turn it off, you can press **any** key.

The sound level of the alarm depends on the setting of the ringing signal level. If you have turned the ringing signal off, only a click will be heard.

An icon in the shape of a bell prior to the time of day informs you that the alarm function is turned on.



The **Set alarm** function lets you set the time of the alarm and turn the alarm function on. You can also turn the alarm function off, or turn it on without changing the time.

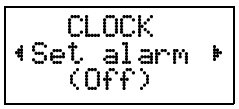
Calendar

You can have today's date presented in the middle line of the display when the phone is in stand-by mode.

The **Set date** function lets you set the date.
The **Date mode** function lets you set the date format.

To set the time of the alarm – To turn the alarm function on/off – *Set alarm*

To set the time and turn the alarm function on



Press **YES**. Scroll with ▼/▲ until **New time** is displayed.

Press **YES**.

*If you have chosen the a.m./p.m. format in the **Clock mode** function, you can change from a.m. to p.m., or vice versa, by pressing * or #.*

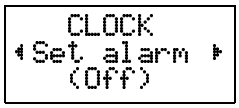
Enter the time, in hours and minutes, for example 14:30, and then press **YES**.

*If you wish to keep the minute digits, just enter the hour digits and press **YES**. You can also change the hour digits by pressing ▼ and ▲.*

To turn the alarm function off

Press **YES**. Scroll with ▼/▲ until **Off** is displayed.

Press **YES**.

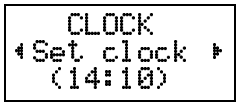


To turn the alarm function on without changing the time of the alarm

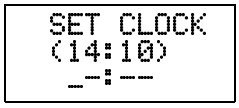
Press **YES**. Scroll with ▼/▲ until **On** is displayed.

Press **YES**.

To set the clock – ***Set clock***



The current setting, in hours and minutes, is shown between brackets. To set the clock, press **YES**.



*If you have chosen the a.m./p.m. format in the **Clock mode** function, you can change from a.m. to p.m., or vice versa, by pressing * or # .*

Enter the time, in hours and minutes, and then press **YES**.

*If you wish to keep the minute digits, just enter the hour digits and press **YES**. You can also change the hour digits by pressing ▼ and ▲ .*

To set today's date – ***Set date***

The current date is shown within brackets. The date is presented in the format you have chosen in the **Date mode** function.

To set the today's date, press **YES**.

Enter the year (two digits) and press **YES**.

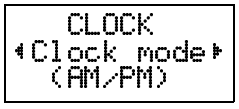
Enter the month (two digits) and press **YES**.

Enter the day (two digits) and press **YES**.

To select the a.m./p.m. format or 24-hour format – ***Clock mode***

The display shows either

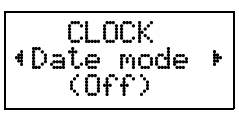
or



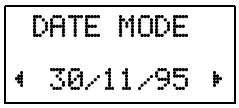
depending on the current setting.

To change from the 24-hour to the a.m./p.m. format, or vice versa, press **YES**.

To select the date format ***– Date mode***



Press **YES**. Scroll with ▼/▲ until the desired format appears, for example:



Press **YES**. The date will then be presented in the middle line of the display when the phone is in standby mode.

The date will also be presented in the format selected in messages that you receive.

15. The **KEYLOCK** Menu

You can lock the keypad so that unintentional key action has no effect if the phone is turned on when you are carrying it in a pocket or bag. This function is useful if you have a phone without keypad protect flip.

*Calls to the international emergency number **112** can be made when the keypad is locked. You can also turn the alarm off by pressing any key.*

The keypad remains locked until you:

- answer an incoming call by pressing (YES). You may also reject the call by pressing (NO)
- replace the battery
- unlock the keypad yourself

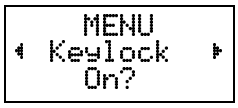
Automatic or Manual Key Lock

The **Keylock** function in the **Settings** menu lets you choose automatic or manual key lock.

If you choose the **automatic** mode, the keypad is locked automatically 30 seconds after the last key was pressed. The display shows:

To lock the keypad manually – ***Keylock On?***

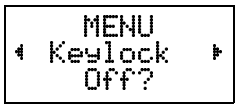
Scroll to the Keylock menu with / .



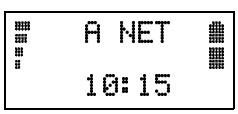
and press **YES**.

To unlock the keypad manually – ***Keylock Off?***

When the keypad is locked, the only menu you can reach is the **Keylock** menu. Press ,



Press **YES** to unlock.



16. The **MAIL** Menu

To call your answering service – ***Voice mail****

The Voice Mail function lets you call your answering service to listen to recorded voice messages.

*The function appears only if you have activated it using the the **Set VoiceM(ail)** function.*

Refer to chapter **24. Voice Messages**.

To read area messages – ***Area Messages****

Refer to chapter **25. Using Area Information**.

To read text messages – ***Read messages****

Refer to chapter **23. Sending an Receiving Text Messages**.

To read text messages stored on your SIM card – ***Card messages****

Refer to chapter **23. Sending and Receiving Text Messages**.

To send text messages – ***Send messages****

Refer to chapter **23. Sending and Receiving Text Messages**.

To review the phone numbers of the last 10 unanswered calls – ***Missed calls****

Refer to chapter **21. Who Is Calling?**

To activate the Voice Mail function – ***Set VoiceM****

This function lets you enter the phone number to your answering service and activate the **Voice Mail** function.

Refer to chapter **24. Voice Messages.**

To turn area messages on/off – ***Area Info****

Refer to chapter **25. Using Area Information**.

17. The **PHONE BOOK** Menu

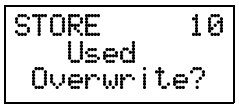
THE PHONE BOOK

Card memory and Phone memory

As descibed in the **Basic Guide**, you can store phone numbers in the memory on your SIM card. The number of phone numbers that can be stored depends on the SIM card.

Besides the Card memory, the phone has a memory that can be used to store up to 99 phone numbers. The memory positions in the Phone memory are designated **¤1** – **¤99**.

Overwrite protection



This message appears if you try to store a phone number in a position which already contains a phone number. You can then:

a. Store the number in a **different** position. Press **NO** and enter the number of the position.

b. Store the number in the selected position, thus **erasing** the old number (and name). Press **YES**.

Card memory full

If you try to store a phone number when all positions are occupied, a position number in the Phone memory will be suggested in the top line of the display.

Both memories full

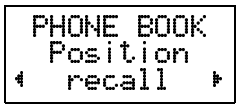
If both memories become full, no position number will be suggested,

If you do wish to store the phone number, you have to enter the number of an already occupied position, thus **erasing** the old number (and name).

To recall a phone number using the name – ***Name recall***

To recall a phone number using the position – ***Position recall***

To store a phone number – ***Store***



Storing phone numbers in the Card memory, and recalling phone numbers from the Card memory, is described in the **Basic Guide**.

If you wish to store a phone number in the Phone memory, press # to enter the ¤ character. For example, press # followed by **1** to store a phone number in memory position **¤1**. The same applies when you recall a phone number using **Position recall**.

The procedure for recalling a phone number using **Name recall** is the same, regardless of whether the phone number is stored in the Card or Phone memory.

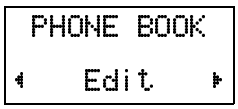
Alternative method to recall a phone number using the name

Press **CLR** to erase any digits from the display.

Press ▲, followed by a numeric key and **YES**. For example, to recall a name beginning with **A**, press the **2** key. To recall a name beginning with **E**, press the **3** key twice.

If the name displayed is not the desired one, scroll with ▼ or ▲.

To change a phone number, name or storage position – ***Edit***



Enter the **Phone book** menu and select **Edit**.

a. Enter the position number and press **YES**.

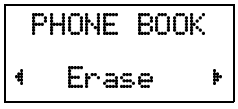
b. If you wish to enter the name, press ▼.

Enter the full name and press **YES**.

You can now change the position number (in the top line), the name (in the middle line) or the phone number (in the bottom line). You can move the cursor to the desired line with ▼/▲ and then make the changes. Use the **CLR** key to erase. When you are finished, press **YES**.

If you did not change the position number, the message **Used Overwrite?** is displayed, indicating that the edited name or phone number will be stored in its old position. Press **YES**.

To erase a phone number – ***Erase***



Enter the **Phone book** menu and select **Erase.**

```
   ERASE
Position:  _
```

Enter the position number or scroll with ▼/▲ until you find the position number with the (name) and phone number you wish to erase.

```
ERASE      11
◄   BCD     ►
Erase?
```

Press **YES** to erase the (name) and number.

Alternative method to erase a phone number

Recall the (name) and number using Name or Position recall.

```
    BCD
◄      (11)►
023456789012
```

Press **CLR**. The question **Erase?** appears. Press **YES** to erase the (name) and number.

To copy from the Card memory to the Phone memory and vice versa – ***Copy***

```
 PHONE BOOK
◄   Copy    ►
```

Enter the **Phone book** menu and select **Copy**.

```
    COPY
◄Card>Phone►
```

To copy from the Card memory to the Phone memory:

Press **YES**.

```
 COPY CARD
 From start
 position: _
```

Enter the number of the first position in the Card memory you wish to copy, for example 1, and press **YES**.

```
 COPY CARD
  To start
 position:1_
```

Enter the number of the first position in the Phone memory you wish to copy to, for example 10, and press **YES**.

```
    TOM
           1
Copy to 10?
```

Press **YES** to copy. The next position in the Card memory is displayed.

```
   JERRY
           2
copy to 11?
```

Press:

- **YES** to copy.
- **NO** to go on to the next position in the Card memory.
- **CLR** to copy to another position in the Phone memory. Enter the number of the position and press **YES**.
- **CLR twice** to interrupt the copying.

To copy from the Phone memory to the Card memory:

Enter the **Phone book** menu and select **Copy**.

```
    COPY
◄Card>Phone►
```

Press ▼.

```
    COPY
◄Phone>Card►
```

Press **YES**.

```
 COPY PHONE
 From start
 position:1_
```

To copy from the Phone memory to the Card memory, proceed in the same way as described in the preceding section.

THE DIALLED NUMBER MEMORY

The last 10 numbers called are stored in a memory in the phone, the dialled number memory.

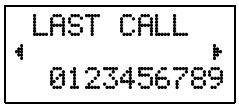
To recall the numbers last called – ***Last call***

```
 PHONE BOOK
◄Last call  ►
```

How to recall the numbers from the dialled number memory is described in the **Basic Guide**.

To turn the dialled number memory off

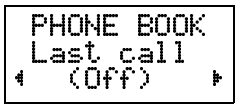
If, for some reason, you do not wish the phone numbers called to be stored, you can turn the dialled number memory off.



Scroll with ↗/↙ until **Off** appears.

Press **YES** to turn the dialled number memory off and erase the stored phone numbers.

To turn the dialled number memory on again



Press **YES** to select the **Last Call** function.

Press **YES** to turn the dialled number memory on.

Advanced Functions

18. Rejecting Incoming Calls

Sometimes, it may be inconvenient to answer an incoming call.

To reject a call, press , and the message **Busy Tone** appears in the display. If the caller's network supports it, the caller will hear an engaged (busy) tone.

You can activate **Divert On Busy** (see DIVERT menu) to automatically divert rejected calls to another phone number, for example your answering service. The message **Diverted** appears on the display to indicate that a rejected call is diverted.

If you receive a second call while you are engaged in another call, you must press **0**, followed by **,** to reject it (refer **To receive a second call while engaged in a call** in chapter **20**).

19. Putting a Call on Hold

If you are engaged in a call, you can **put** it **on hold** by pressing . This disconnects the microphone so you can have a private conversation without the person at the other end hearing. Press again, to take the call **off hold**.

You can also put a call **on hold** to make another call, or to accept a waiting call, as described in chapter **20**.

20. Handling Two Calls Simultaneously

This service may not be available on all networks. In addition, a special subscription may be required to use the service.

The phone allows you to handle two calls simultaneously. This means that you may hold a call in progress and make a second call, and then switch between them.

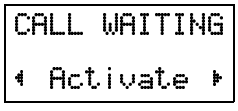
You may also hold a call in progress and answer a second call, and switch between the two. However, to receive a second call, you need to activate the **Call Waiting** function.

The descriptions below assume that the Call Waiting function is activated.

To activate, review status, or cancel Call Waiting function

1. Access the **Call Waiting** function from the **Access** menu.

2. Press **YES** to select it.
3. Using the **arrow** keys, you can now scroll between **three** options: **Activate**, **Get status** or **Cancel**.
4. Press **YES** to select the desired option.



There may be a short delay before the network responds. In the meantime, the message **Please Wait** is displayed. This is followed by the message **Call Waiting ON**, **Not available**, or **Call Waiting OFF**.

To switch between two calls

When one call is active and the other is on hold, you can switch between them by pressing .

To make a second call while a call is in progress

Method 1

*If anything else but the time is shown in the bottom line of the display, erase it with the **CLR** key.*

1. Press to put the current call **on hold**. The message **1 on hold** (1st call on hold) is displayed.
2. Enter the number you wish to call, or recall it from the phone book or the dialled number memory, and press **.**

Method 2

- Enter the number you wish to call and press . The message **1 on hold** is displayed.

To receive a second call while engaged in a call

You will hear a tone in the ear piece and the message **Call Wait** appears in the display when the Call Waiting function is activated.

Do one of the following to:

a. **End** the **current** call and **accept** the **waiting** call by pressing .
The phone rings, and the question **Answer?** appears in the display.
Press to answer the waiting call.

b. Put the **current** call **on hold** and **accept** the **waiting** call by pressing .
The message **1 on hold** is displayed.

c. **Reject** the **waiting** call and **continue** the **current** call by pressing **0**, followed by .
The waiting call is cleared. If the caller's network supports it, the caller will hear an engaged (busy) tone.

*If you have activated **Divert On Busy**, the waiting call is diverted to the number you have specified, for example the number of your answering machine.*

To end the current call

End the current call by pressing .

The message **Retrieve held call?** appears in the display.

Do one of the following:

a. **End** the held call by pressing .

b. **Return** to the held call by pressing **YES** within three seconds.

*If you do not press or within three seconds, the message **Retrieve held call?** disappears from the display and the held call is ended automatically.*

To receive a third call

Provided the **Call Waiting** function is activated, you may receive a third call when you are engaged in one call and have a second call on hold. You will hear a tone in the ear piece and the message **Call Wait** appears in the display. You may either accept the third call or reject it.

Accepting

Only one call can be on hold at a time. If you wish to accept the third call, you must, end the first or the second call, or both. See **To end the current call** above.

a. If you end the first or the second call, you can accept the waiting call (the third call) by pressing .

b. If you end both calls, the phone rings and the question **Answer?** appears in the display. Press to answer the waiting call.

Rejecting

Press **0**, followed by .

The third call is cleared. Provided the caller's network supports this function, the caller will hear an engaged (busy) tone.

*If you have activated **Divert On Busy**, the waiting call is diverted to the number you have specified, for example the number of your answering machine.*

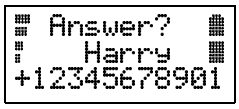
21. Who Is Calling?

This service may not be available on all networks. In addition, a special subscription may be required to use the service.

The **Calling Line Identification** (CLI) service enables you to see the caller's phone number in the display, giving you a chance to identify the caller. The call must, however, be originated from a phone in a network that supports this service, and the caller must have agreed to present the number.

To receive a call

When an incoming call is received, the caller's number appears in the display. If the caller's number is stored in the phone book, the caller's name will be displayed too.



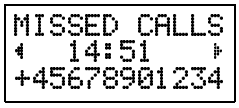
- Press to **answer** the call, or **reject** the call by pressing .

Unanswered calls

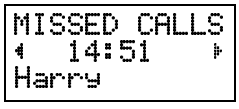
The phone numbers and the time of the last 10 unanswered calls are stored in a memory in the phone – the **Missed Calls memory**.

To review the numbers of unanswered calls

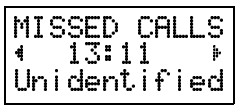
1. Access the **Missed Calls** function from the **Mail** menu.
   The last caller's **number** or **name** (if the number is stored in the phone book) appears, together with the time when the unanswered call was received.



2. Scroll to next missed call with , or press **CLR** to clear the message from the screen.



If no information about a caller's number was received, the number is replaced by the word **Unidentified**. If the phone number is unlisted, the message reads **Restricted**.



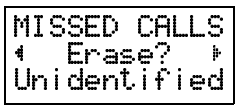
*If the call has not been reached within 24 hours, the time of the call is replaced with the date. You toggle between date and time by pressing *.*

To call a number in the display

- Press if the caller's number is displayed on the phone.

To erase the unanswered call

1. Press **CLR** when the missed call is displayed.



2. Press **YES**.
   The message is cleared from the memory.

To hide your phone number

Normally your phone number is shown on the receiver's phone. If for any reason you **don't** wish your number to be shown:

1. Enter the phone number you wish to call.
2. Press once and press **Yes**.
   The **Special Character** display appears.
3. Scroll to **Hide Id** and press .

To send your phone number

If you wish to send your normally hidden phone number, do as follows:

1. Enter the phone number you wish to call.
2. Press once and press **Yes**.
   The **Special Character** display appears.
3. Scroll to **Send Id** and press .

22. Sending DTMF Tones

Tone signals can be used for a variety of purposes, such as tele-banking or to control an answering machine. This telephone sends tone signals by **DTMF** (Dual Tone Multi Frequency).

To set phone to DTMF Signalling

You can send DTMF signals automatically during a call if the DTMF function is selected (see **SETTINGS** menu). You can send the characters **0** – **9**, ✳, and # as DTMF signals by pressing the corresponding keys.

DTMF pause function

If you wish to send a code, i.e. your personal access number, it might be helpful to use the **pause** function. Before you make the call, you enter **both** the phone number and the code separated by a pause.

To call and send a code

1. Enter the desired phone number.
2. Enter a **pause** by pressing ↘, **YES**, ↘, **YES**, and a **p** appears in the display.
3. Enter the code you wish to send.
   The code can be any combination of the digits **0** – **9** and the characters ✳ and #. (Maximum of 36 characters, including the phone number and the pause.)
4. Press ☎ to make the call.
   When the call has been connected, the phone number disappears from the display.
5. Press ☎ to send the code.
   The characters are sent one by one. In the meantime the message **Sending** is displayed.

You can also enter a pause by holding down ✳.

Using several pauses

You can enter several pauses, for example:

PHONE. NO. **p** CODE1 **p** CODE2

You can enter a maximum of 36 characters, including the pauses.

Pressing ☎ when the call is connected will send the characters to the next pause.

Pre-programmed DTMF signalling

You can store a code (and a phone number) in the phone book in the same way as you store a phone number. The code can be any combination of the characters **0** – **9**, ✳, and # (maximum 20 characters).

To store a phone number and code

1. Enter the phone number, the pause (**p**), and the code.
2. Select the **Phone Book** menu and store the number, the pause, and the code.

To send a code

1. Call the desired phone number and wait until the call has been connected.
2. Recall the code from the memory.
   You must hold down ↙ to reach the **Phone Book** menu.
3. Send the code by pressing ☎.
   The characters are sent one by one. In the meantime the message **Sending** is displayed.

23. Sending and Receiving Text Messages (**SMS**)

This service may not be available on all networks. In addition, a special subscription may be required to use the service.

The **Short Message Service** (SMS) of the cellular network allows you to send and receive text messages to your phone. SMS may contain up to 160 characters.

Text messages can be received when the phone is in standby mode, when you are engaged in a call, or when incoming calls are diverted to another phone number.

Messages memory

When you receive SMS, the phone gives a message signal–two beeps and the indicator lamp on the top of the phone rapidly blinks green. You will also see the text **Message** together with **Read?** (the ✉ symbol appears on the bottom right corner if you answer **NO**).

The message is automatically stored in the first free memory position in the phone. You may read the messages any time you wish (the ✉ symbol remains in the display until you have read the message). The messages memory can hold up to 20 messages.

A message remains in the message memory until you erase it or until you insert a different SIM card.

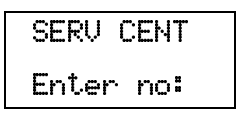
To set phone for text messaging

Before you send messages, you need to see the Service centre address.

1. Enter the **Send Message** function through the **Mail** menu.

   You will be prompted to set the Service centre number.

2. Press **YES**.



3. Enter the Service centre number and press **YES**. Press **CLR** to return to the stand-by display.

Your phone is now ready to send and receive messages, but you are only able to send and receive messages within your operator's net.

To read a new message

1. Press **YES** when **Read?** is in the display. **New Message** appears on the display.
2. Press **YES** to enter the message. You see the first three lines of the message.
3. Scroll forward through the message with ▼, backward with ▲. Hold down an arrow key for more than three seconds to get to the beginning or end of the message. Press the numeric key **3** to go three lines forward.

To reply to a message

After the last line has appeared, the question **Reply?** appears. If the caller wants you to reply, the last line will read **Reply Requested**.

You can now:

- Press ▲ to scroll backward through the message.
- Press **YES** to **reply** to the message.
- Press **NO** if you do **not** wish reply.

If you press **NO**, the question **Erase?** appears. You can now:

- Press **YES** to **erase** the message **in your phone**. You will then automatically come to the next message in the message list.
- Press **NO** if you do **not** wish to erase the message. The message will remain in the Messages memory.

*You can press **CLR** anywhere within the message to **erase** it. When the question **Erase?** appears, press **YES**.*

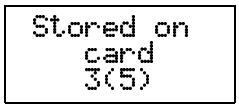
SIM card memory

You can store read messages on your SIM card. The number of messages that can be stored is SIM-dependent. You can retrieve these messages regardless of which phone you use. If the SIM card memory is full, you will be informed of this by a low beep and a text in the display. You then need to erase read messages to provide free memory space.

You are prompted when no messages are stored. The message received/sent/written will always be presented first.

To store messages

- Press **YES** when you are prompted to save the message.



The display shows that this message is the third of five that is possible to store.

To call a phone number in a message

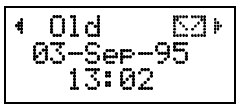
- Press **YES** when a **phone number** is found in the display to call the number direct.

After the number has been called, the message is considered as read and it remains in the phone's memory.

To read stored messages

1. Scroll to **Read messages** in the **Mail** menu and press **YES.**

2. Scroll with ▼/▲ until you find the message you are looking for and press **YES**.



*A read message is called **old**, while an unread message is called **new**.*

3. You may let the message remain in the memory or erase it.

To read messages

1. Scroll to **Card messages** in the **Mail** menu and press **YES.**

2. Scroll with ▼/▲ until you find the message you are looking for and press **YES**.
3. You may let the message remain in the SIM memory or erase it.

Own messages

You can write, send, repeat, and change types of messages as follows.

To send messages

1. Enter the **Mail** menu.
2. Scroll with ▼/▲ until you find Send messages and press **YES**.

3. Press **YES** when New is in the display, and an empty display appears.
4. Key in your message and press **YES**. A Request for reply prompt appears.

   Press **YES** if you want a reply or **NO** if you do not.

5. Enter the phone number or scroll with ▼/▲ until you find the phone number of whom you wish to send a message.
6. Press **YES** to send the message, or **NO** to store the message for later use.

*If you decide to send the message later, the display will say **Written** instead of **Sent** when you access the message.*

To repeat a message when no answer

You can set the phone to repeat a message for a certain amount of time: 1 hour, 12 hours, 1 day, 1 week, or maximum (operator dependent).

1. Choose **Options** and **Valid per** in the **Send Message** menu.
2. Scroll to the desired repeat length.

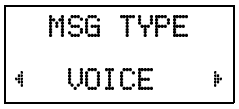
3. Press **YES**.

To change message type

You can send other types of messages, such as telex, fax, or voice messages.

1. Scroll to **Send Messages** in the **Mail** menu and press **YES**.
2. Select **Options** then **Message type**.

3. Select the way you wish to send the message (fax, telex, voice, etc).



4. Press **YES**.

Faxes, data messages and telexes can only be sent when you use a Mobile Office kit (or similar).

24. Voice Messages

This service may not be available on all networks. In addition, a special subscription may be required to use the service.

Voice Mail function

The voice mail function works like an answering machine which records any voice messages.

To activate and set phone number of your voice mail

1. Scroll with ▼/▲ to the **Mail** menu and press **YES**.

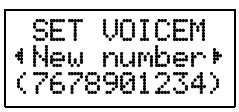
2. Scroll with ▼/▲ to **Set VoiceM(ail)** and press **YES**.

3. Scroll with ▼/▲ until you find **New number** and press **YES**.

4. Enter the phone number of the answering service and press **YES**.
   The voice mail function is automatically activated.

To change the number of your answering service

1. Scroll with ▼/▲ to the **Mail** menu and press **YES**.
2. Scroll with ▼/▲ to **Set VoiceM(ail)** and press **YES**.



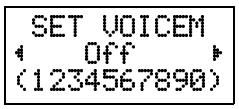
3. If necessary, scroll with ▼/▲ until **New Number** appears, and press **YES**.

4. Enter the new phone number of the answering service and press **YES**.

To turn the Voice Mail function off

1. Scroll to the **Mail** menu with ▼/▲ and press **YES**.

2. Scroll with ▼/▲ to **Set VoiceM**(**ail**) and press **YES**.



3. Scroll with ▼/▲ until you find **Off** and press **YES**.

To call your answering service

You can call your answering service at any time and listen to recorded messages.

1. Scroll with ▼/▲ to the **Mail** menu and press **YES**.

2. Press ☎ to call your voice messages and listen to the call.

If you have a phone with a flip, you reach the voice messages by pressing ○○ followed by ☎.

25. Using Area Information

This feature may not be available on all networks. In addition, a special subscription may be required to use the service.

The ordinary Short Message Service can be said to be a personal service, with messages specifically and exclusively directed to you. The **Area Information** (**AI**) is another, impersonal, type of Short Message which is sent to all subscribers in a certain cell of a network at the same time.

The **AI** is displayed immediately, unless you are engaged in a call. The information may be a local road report or a local taxi phone number. Each type of message is identified by a 3-digit code. At present, the following message types exist:

Code	Title
000	Index
010	Flashes
020	Hospitals
022	Doctors
024	Pharmacy
030	Long-distance road reports
032	Local road reports
034	Taxis
040	Weather
050	District (base station identity)
052	Network information
054	Operator services
056	Directory enquiries (national)
057	Directory enquiries (international)
058	Customer care (national)
059	Customer care (international)

Refer to the information supplied by your network operator, for information about the **AI** services you can use.

To receive area information

An incoming call always interrupts the presentation of a **AI** message. When the call is finished, the **AI** presentation continues until completed.

To turn area information on or off

You can turn the **AI** presentation on/off with the **Area info** function in the **Mail** menu.

1. Press **YES** to select the **Area info** function.
2. Scroll with ▼/▲ to **On** or **Off** depending on if you wish **AI** messages to be presented in the display or not.
3. Press **YES**.

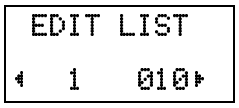
You can decide which types of **AI** message you wish to be presented in the display. The phone's **AI** message list can hold up to 19 codes.

You can both erase already existing codes from the list and add new codes to the list. If a code has been erased from position 4, the code in position 5 is automatically moved up to position 4. Empty positions are always found at the end of the list.

To edit the list of area information

You edit the **AI** position list in the **Area info** function in the **Mail** menu.

1. Press **YES** to select the **Area info** function.
2. If necessary, scroll with ▼/▲ to **Edit List** and press **YES.**



The digit to the left indicates the position in the list. You can scroll forward and backward through the list with the ▼/▲ .

3. To enter a code, scroll to the first empty location with ▼ and press **YES**.

4. Enter the new code. (You only need to enter 40 for code 040, since the phone will add the leading zero automatically.)

To erase or replace a code

If you wish to **erase** a code or **replace** a code, press **YES** when that specific code is shown in the display. The question **Erase?** appears.

a. To **erase** the code, press **YES.**

b. To **replace** the code, press ➘, followed by **YES**. Enter the new code and press **YES**.

An **AI** is only displayed once, unless its content has changed. If you wish to have a message repeated, you must first erase the code for that message type and then enter the same code again. The phone will see this as a new code which is being entered and thus display the first message available of that type.

26. Batteries and Recharging

Batteries

Batteries with different capacities are available. They are all of the NiMH type. (NiMH stands for Nickel Metal Hydride.)

Compared to the commonly used NiCd (Nickel Cadmium) batteries, the NiMH batteries have a higher capacity and they are much more friendly to the environment.

Battery meter

The battery icon, on the right of the display, reflects the state of charge of the battery attached to the phone.

Low Battery alarm

As a reminder that the battery soon needs recharging or replacing, an alarm signal (a long beep) sounds and the message **Battery low** appears for ten seconds in the display.

In addition, the indicator light on the top edge of the phone starts **blinking red**. If the phone is left on, the **low battery alarm** will be repeated several times and, finally, the phone will turn itself off when the battery is no longer able to power it satisfactorily. It is not possible to turn the phone on again. Instead the battery must be recharged, or replaced with a charged one.

If the condition of a battery is very bad, the phone will turn itself off immediately after the low battery alarm is issued for the first time.

Low battery alarm during a call:

If the low battery alarm is issued when a call is in progress, you should end the call as quickly as possible. If the call continues, the phone will turn itself off after a short period.

Recharging a battery

Besides the charger delivered with the phone, there are a number of other chargers available that can be used to recharge a battery.

Some of these chargers are connected to the **socket at the bottom of the phone**, allowing the battery to remain attached to the phone. Such a charger both recharges the battery and supplies power to the phone. The recharging is controlled by the phone, which must be **turned on**. To indicate that recharging is in progress, the battery icon in the display is filled and emptied continuously.

The indicator light on the top edge of the phone shows green constantly (instead of slowly blinking green) when the phone is powered via the socket at the bottom, to indicate that service is available from a cellular network.

Battery care and maintenance

A battery has a long maintenance-free service life if properly treated.

- A new battery, or an old battery that has not been used for a long period of time, needs to be recharged and discharged 2 – 3 times, to reach full capacity. To discharge the battery, operate the phone as usual until the **low battery alarm** is issued.
- Avoid recharging a full, or almost full, battery. If you have the opportunity, wait until the **low battery alarm** is issued.
- Do not keep a battery in a sunny place. Extremely high temperatures reduce the battery's capacity permanently.
- Never let a battery get into contact with metal objects that may short-circuit the battery poles, for example a bunch of keys in a pocket.

- Do not disassemble a battery.
- A battery may explode if disposed of in a fire.

A hint:

If you are uncertain of the state of charge of a battery, you can attach the battery to the phone. If the phone does not come on, when you press and hold down the **ON/OFF** key, the battery is probably empty.

On the other hand, if the phone comes on, enter the PIN and then observe the battery icon in the display.

27. Accessories

A number of accessories are available for use with your phone. Some are dealt with in this chapter.

For full information on all accessories available, please contact your dealer.

Handsfree vehicle kit

The Handsfree kit incorporates a complete system for handsfree usage, powering the phone from the vehicle's battery, and recharging the battery attached to the phone.

An external antenna should be used for better telephone communication.

The handsfree kit should be installed in the vehicle by qualified personnel.

When the phone rests in the holder, the internal microphone and ear piece are disabled. Instead, an external microphone and a loudspeaker are used.

The handsfree feature allows you to make or answer calls without removing the phone from the holder. You can comfortably have a telephone conversation and still have both hands on the wheel.

Service Available indicator

The indicator light on the top edge of the phone shows green constantly (instead of slowly blinking green) when service is available from a cellular network.

Battery recharging

When the phone is ON, the attached battery will be recharged if this is required. To indicate that recharging is in progress, the battery icon in the display is filled and emptied continuously.

Operation

When the phone is used with the hands-free system, its operation is essentially the same as when it is used as a handheld unit.

Any Key facility

If you turn on the **Any Key** function (in the **Settings** menu) you can answer an incoming call by pressing **any** key **except** the ↩ key**.**

Automatic Answering facility

If you turn on the **Automatic answering** function (in the **Settings** menu) an incoming call will be answered automatically after one ringing signal

Automatic redial

The automatic redial function will redial a phone number without the need to press ↩.

Different settings

The following settings can be made without affecting the settings made when the phone is used as a handheld unit:

- Loudspeaker volume (with the ◢ and ◥ keys)
- Illumination of the display and keypad (in the **Settings** menu)
- The level and tone of the ringing signal (in the **Settings** menu)

Portable handsfree

The portable handsfree set is plugged into the socket at the bottom of the phone.

Any Key and Automatic Answering facilities

The **Any Key** and **Automatic Answering** facilities, described in the preceding section, are available when the portable handsfree set is used.

Mobile Office kit

The Mobile Office kit contains all the equipment you need to make your phone and your personal computer or laptop the perfect couple in a Mobile Office environment.

Battery chargers

Several chargers are available, both for indoor and vehicle use. For full information, please contact your dealer.

28. Problems You Can Solve

This chapter lists some simple things you should check before calling for service personnel. This could save the cost of unnecessary service.

Phone does not come on

Handheld phone:

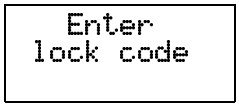
Recharge or replace the battery.

Handsfree phone in a vehicle:

If the phone comes on, but not the handsfree equipment, ensure that the phone is properly inserted in its holder.

Check the fuse. The fuse holder is fitted to the battery cable, near the vehicle's battery.

Phone locked is displayed, followed by the prompt ***Enter lock code***



The phone is locked to prevent unauthorised use.

To unlock the phone

Enter your personal **4- to 8-digit security code** and press #.

If you have forgotten your security code

Contact your dealer. The only way to unlock the phone is through using your security code. Be aware that it, for security reasons, may take some time to solve the problem.

Insert card is displayed

No SIM card is inserted in the phone. Turn to your **Basic Guide** for the procedure of inserting the SIM card.

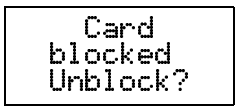
Wrong PIN or ***Wrong PIN2*** is displayed

The PIN or the PIN2 code has been entered incorrectly.

This message is followed by the prompt **Enter PIN** or **Enter PIN2.**

Enter the **PIN** or **PIN2** code correctly and press #**.**

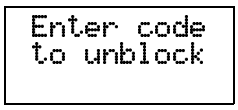
Card blocked. Unblock? is displayed



This message appears if the PIN code has been entered incorrectly three times in succession.

To unblock the SIM card

Press **YES**.



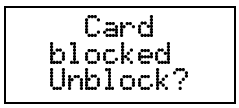
Enter your **personal unblocking key** (PUK) and press #. You obtain the PUK from your network operator or service provider when you purchase your SIM.

Enter the **PIN** code and press #. You can either enter the current PIN, or a new one.

Enter the **PIN** code again and press #.

If you entered both the unblocking key and the PIN code correctly, the message **New PIN** appears.

Alternative method to unblock the SIM card



To unblock the SIM card, enter the following sequence:

* * **0 5** * **UNBLOCK KEY** * **NEW PIN** * **NEW PIN** #

BLOCKED. Contact card provider is displayed

The SIM card is permanently blocked after the unblocking code has been entered incorrectly ten times in succession. Contact your network operator or service provider.

Enter PUK2 is displayed

The PIN2 code has been entered incorrectly three times in succession.

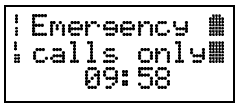
Enter your **personal unblocking key 2** (PUK2) and press #.You obtain your **PUK2** from your network operator or service provider.

Enter the **PIN2** code and press #. You can either enter the current **PIN2** code, or a new one.

Enter the **PIN2** code again and press #.

If you entered both the unblocking key and the PIN2 code correctly, the message **New PIN** appears.

Emergency calls only is displayed



A network is in range but you are not allowed to use this network.

You may, however, call the emergency number **112**.

No network is displayed

This indicates that no network is in range. The reason for this is either:

a. You are in an area which is not covered by a network.

b. The received signal is too weak. You have to move to obtain a sufficiently strong signal.

Handsfree phone in a vehicle:

Ensure that the phone is properly inserted in its holder.

Check the external antenna and its connection.

Keylock is displayed

The keypad is locked to prevent unintentional key action.

To unlock the keypad

Press ◢, followed by **YES**.

Indicator light blinks red

This indicates that the battery is becoming exhausted and soon needs recharging or replacing.