

## Basic Controls

### Phone book

Press to open PhoneBook for easy calling.

### Info

Press for helpful advice (varies to suit situations).

### Clear

Short press clears last character, long press clears entry.

### On, Off, End

Hold down to switch on or off. Press to end a call or return to standby.

### Standby Display

Operators name shows you are ready to make or receive calls.

### Soft keys

Offer relevant functions, see below.

### Call

Dial the displayed number or name.

### Keypad lock

Hold down to lock or unlock keypad.



### Soft Keys

The current function is shown in the display. When a list is displayed, use lower end of the left key for scrolling down (and vice versa).

## Display Symbols

The following symbols may appear on the display during operation:

	Incoming signal strength.
	Searching for network (flashing).
	Keypad locked.
	Battery gauge.
	Battery almost empty.
	Battery being charged.
	Battery charged.
<b>DIVERT</b>	All calls diverted.
<b>SILENT</b>	Ringer off.
	Call Screening. Only 'known' calls will ring.
	Information available. Press
<b>Soft Key Symbols</b>	
	New message waiting. Press softkey to read.
	Unanswered call received. Press softkey for identity.
<b>Name?</b>	Fast dial key (see p. 6).
	Scrolling.
	PhoneBook (in SIM).
	Fixed PhoneBook (PIN2).
<b>Accessory Symbols</b>	
	Hands free connected.
	Hands free in use.
	Override Handsfree.
	Auto Answer set.
	Headset connected.

## To make Calls

### Switch on

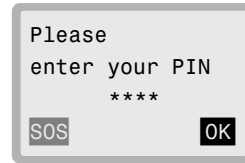


Hold down this key to switch on or off.

*You need to have a SIM-Card fitted, and a charged battery, see p. 3.*



You may be asked to enter the PIN number (any errors can be corrected with ).



press

The network operator's name shows that the phone is ready for operation.



### Making a Call



Enter the full Area Code and phone number, even if you are calling locally.



Press to call displayed number.

*press to end your call.*

# Precautions

Your Siemens® S8 complies with GSM and relevant standards, but all radio transmitting devices are subject to special restrictions:



It is illegal to have your phone switched on when in a aircraft.



Do not use it close to refuelling areas, fuel depots, chemical plants or blasting operations.



Use in hospitals or where medical electronics are in use may be forbidden.



Some personal medical products (eg. Pacemakers/Hearing Aids) may be affected, please check with your doctor if in doubt.



Use very close to TV's, radios, telephones, etc. could cause minor interference.



You should avoid touching the Antenna whilst phoning.



Do not hold the phone in your hand whilst driving. Accessories are available for safe use in a vehicle.

## Please note



Do not dismantle phone or battery, there are no user servicable parts. It could also be illegal, and invalidate warranty.



Prevent Battery contacts from touching metal, and shorting.



Electronic products and Batteries should be disposed of properly at the end of their useful life, in accordance with local facilities and regulations.



Use only Siemens original Accessories, others could damage your battery or phone and prove illegal.

# Introduction

Welcome to GSM, the international mobile phone service available in more than 100 countries. You should check with your Operator regarding current and planned coverage (areas of service).

In addition to enabling basic phone calls, your phone, and network provide many valuable features and services to enhance business and leisure use.

If you experience difficulties, Siemens provide a dedicated helpline in most countries around the world (see enclosed Service Card).

## Your User Guide



Please read these instructions for safe and effective operation.

Following symbols are used:



Use the keypad to write numbers or letters.



Press softkey.



Press lower end of left softkey.



Scrolling.

## Options

Black background indicates a soft key function.

Your phone also has helpful advice available:



Press to see relevant information.

Issued by

Private Communication Systems Group  
Hofmannstr. 51  
D-81359 München

Siemens Aktiengesellschaft

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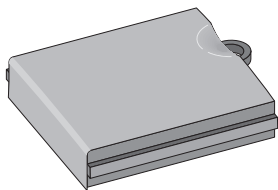
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Ref. No. :A30880-N1830-A1-2-7419  
Printed in Germany  
(1/98)

## Contents of package

---

The scope of supply includes the telephone, these operating instructions and the following accessories:

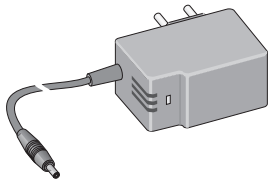
Rechargeable lithium-ion battery (3.6 V/1000 mAh)  
(no effect on memory)



### Battery rechargers (model-specific)

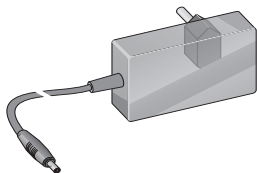
Either

V24851-Z2618-A11



or

V24851-Z2618-A1




### Belt clip



The telephone is supplied with a belt clip. This is attached to the rear of the telephone and holds it securely in place.

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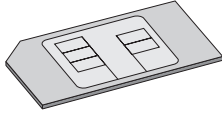


# Getting Started

## Your SIM Card

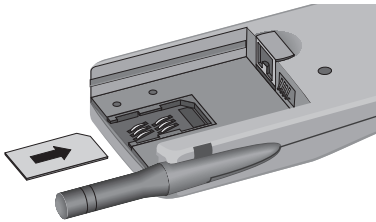
You need a SIM card, provided by your service provider. This contains your phone number and billing details, and may be used in other GSM phones. Like a credit card it should be protected and kept securely.

You need the small size SIM card, and may need to carefully snap this out from a credit card sized SIM.



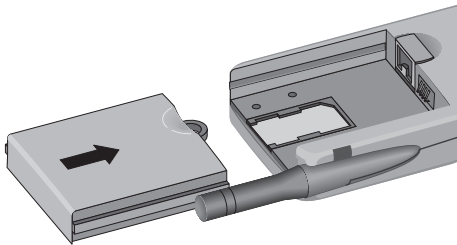
### 1. Insert SIM Card

Slide in SIM Card, ensure correct orientation  
- Gold contacts must face down, insert cut off corner first.



### 2. Fit Battery

Slide in battery until release button clicks.

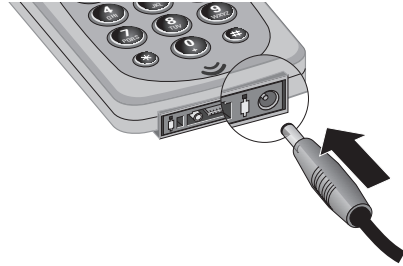


If removing battery or SIM Card ensure phone is switched off!

## 3. Charge battery

Your battery will not be fully charged, to charge it:

- Insert the charging jack into the charging socket on base.



- Plug the charging unit into your mains power socket.



Your phone shows the charging level. The supplied battery will be fully charged in 1 ¼ hours, others may take longer.



Your phone displays your battery level, a beep will sound when nearly empty.

## Usage Time

A full charge can provide up to 60 hours of standby, or 4 hours talktime (supplied battery) and 120 hour accessory batteries are available.

Your battery may be recharged at any time without affecting its performance.

# Getting Started

## 4. Switch on



Hold down to switch on or off.

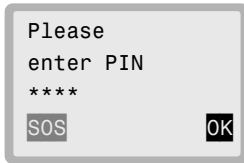
## 5. Enter PIN

Your SIM card is normally provided with a PIN code to prevent misuse.



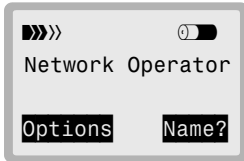
Enter your PIN code (shown as \*\*\*\*).

Any errors can be corrected with



Press

Your phone will register with the Network, this may take some seconds.



You are ready to make and receive calls when the Operators name appears.

### PIN

The SIM card will be blocked after the third incorrect PIN entry.

In this case, or if you forget your PIN, see p. 27.

To switch off PIN control or change your PIN number, see p. 19.

### SOS

Press the soft key to access your normal emergency service, even without a SIM (provided you are within network coverage). Please do not abuse this.

### Network connection:

Indicates incoming signal strength.

If it is very weak, there may be risks of call quality or continuity.

You can normally improve reception by moving to a window, elevated or open space.

Your phone will automatically select another network if you are abroad, or outside your 'home' network (see p. 21).

### Problems?



Press to see relevant information or refer to "Troubleshooting", p. 26.

## Belt Clip



You may wish to fit the belt clip, it clicks securely into position behind battery.

## Demonstration

When your SIM Card is not fitted, you can press to see demonstration.



# Making Calls

## Dialling with Keypad



Dial the required number.

*Use the full area code, even if you are calling locally.*



Press to call the displayed number.

*Any errors can be corrected with **C** a short press clears the last digit, a long press the total number.*

*For international calls:*

*Hold down **0** until '+' appears, providing international access from any country. Follow this with the country code, then area code (deleting the leading 0). e.g., to call London: +44 171 (then local number) - see international codes (p. 31).*

## Redialling

Your phone remembers the last 5 numbers you have called.

From your standby display:



Press to see your last calls list.



either



Press again to redial your last call.

or



Press and scroll to highlight the number you require.



Press to call.

## Redialling a Busy Number

If the number you are calling is busy, you are offered 2 options:



### 1. AutoRedial

**Aut.Redial** Press

This will repeatedly dial the number in progressive intervals for 15 minutes.

### 2. Prompt

**Prompt** Press

This will provide a 'beep' in 15 minutes and offer the number for redialling.

#### Note:

*Any interim phone use will end these functions.*

# Fast Dialling Key

The right soft keys can be programmed with a name to enable 'one touch' dialling.

## Programming

There are 2 options for programming:

### 1 Using PhoneBook



Press



Press



highlight the required name.



Press

*Only the first 7 letters can be displayed.*

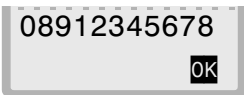
### 2 Entering a new number and name:



Press



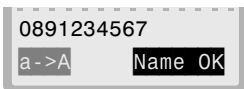
Enter the phone number



Press



Enter the name (max 7 letters).  
Writing letters (see p. 8).



Press

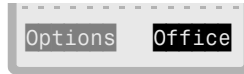
*The name will also show in your PhoneBook*

## Using the Fast Dial Key



Hold down to call

## Changing a Fast Dial Number



Press briefly



Press

### 1 Changing to a PhoneBook Entry



Press and highlight the required name and press **Set**.

### 2 Changing to a New Number

**Clear**

Press.

Proceed as for entering a new number and name.

# Incoming Calls

## Answering a Call



Press 

or



Press.



Press to end call.

## Unwanted Calls



 Press

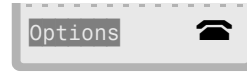
*If you have 'Divert on no Reply' set, e.g. for Voice Message, you will be offered **Divert** instead of **off**.*

*You may set 'Call Screening' so that only 'wanted' calls will ring (see p. 20).*



You can also press this to reject a call.

## Missed Calls



Press 

If you fail to answer a call received by your phone, you will be alerted. If the identity is known it will be displayed, and you can call back.

The last 5 'known' missed calls may also be checked later (see "Known Calls", p. 17).

# PhoneBook

With ever longer phone numbers, it is easier to dial them once only and save them in your electronic PhoneBook. As with a 'paper' PhoneBook, writing a name makes finding and calling the number easy.

## Writing in PhoneBook



Dial the full number.



Press

You are recommended to add a name. Pressing **Yes** provides a useful message, but is not necessary.



Write the name, the number keys now write letters.



Press twice

The second press confirms the normal memory settings (see "Memory numbers", p. 10)

Dial the number if required.



or



Press to return to standby, ready for next entry.

### Dial complete number:

Always enter the complete number including area code. For easier use abroad, enter international code starting with + (hold down '0').

### Writing Letters:

Press the number / letter keys repeatedly. The cursor advances automatically after a short delay



Press once for 'A', twice for 'B' etc.

Any errors can be corrected with a short press erases the last letter, a long press the name.



Press to switch between UPPER- and lower-case letters.

For diacritic marks, continue pressing the relevant letter key (see p. 16).

Other options are available when writing letters, (see p. 16).

### Hints for Advanced Use

You may enter a range of numbers for the same person eg.

Diana O (Office)

Diana M (Mobile)

Diana H (Home)

You may also make entries pressing and selecting 'New Entry'.

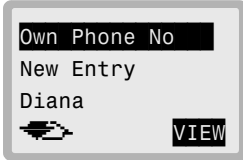
# PhoneBook

## Calling from PhoneBook



Press to open PhoneBook.

The entries will be in alphabetical order.



Write first letter of required name, e.g. D (for Diana) and/or scroll to highlight the required name.



Press to call highlighted name.

*Checking the phone number:*

**TEL.NO**

*Press to show the number. You can add more digits (e.g. a business extension) before calling.*

## Changing Entries



Press, scroll and highlight the required entry.



Press

to see entry, then:



Press

The number is shown with a flashing cursor, and can then be altered or deleted with .

Press to advance to the name, and again for memory number.

## Deleting Entries



Press, scroll and highlight the required entry.



press, then confirm with **Yes**.

## Own Phone Number

The first entry in your PhoneBook can be used for your own number. You may also store other reference numbers (eg Fax), these cannot be directly called. Entering your number(s) and a suitable name is similar to writing in the PhoneBook.

# PhoneBook

## Memory numbers

You may also use memory numbers to call, but it may be difficult to remember many.

### Controlling Memory Numbers

The memory number is assigned automatically when you make a PhoneBook entry, you can, however control this:

Save the phone number as normal, and enter name, or if preferred, leave the name blank (press **OK**).



press to clear memory number.



Enter your preferred memory number and press **OK**.

#### Note:

*If the number is already occupied, you will be asked to swap or delete the old entry.*

### Dialling Memory Numbers



Enter memory number.



Press.



Press to call.

Memory Numbers 1-9 can be called more directly:



Press.



Press to call.

### Checking Memory Numbers

If the number is named, select the entry as usual and press **TEL.NO** to see total entry, including memory number.

If the number is not named, it is listed after the names. To see this most directly, open PhoneBook and



Press to scroll in reverse direction.

## Storing DTMF Numbers

You can save code numbers for controlling remote services (eg. Answering Machine).



Enter the phone number.



Hold down until '+' appears.



Hold down again to create a 3 second pause. Repeat this if a longer pause is required (needed for some systems).



Enter the DTMF number.



Press and add name as usual.

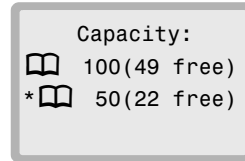
## Checking Capacity



Press to open PhoneBook



Press three times



# PhoneBook

## Restricted PhoneBook

If your SIM is provided with PIN2 code, you can lock your PhoneBook, so that only listed numbers can be called.

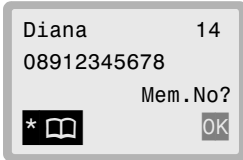
### New Entries



Press and select 'New Entry'.



Enter the name and number as usual.



Press **\***, followed by **OK**.

You will be asked for PIN2, when you have entered it '**\***' will prefix the memory number.

### Changing Entries

Use the normal procedure (see p. 9). You may also move entries between your normal and Restricted PhoneBook by alternately pressing



For locking procedure, and PIN2 information please see 'Allow only ' page 20.

# During a Call

There are a number of features only available during a call, some may not be available on your Network.



## Adjust Hearing Volume



Hold down **Options** soft key - use lower end to increase volume (and vice versa).

*If using Car Kit Comfort, this adjustment will not affect normal (hand-held) setting.*

## Microphone on/off



Press.

Press again to switch the microphone back on.

## Recording a Number

If a caller dictates a number, you can record it directly.



Enter the phone number. The number can be dialled or stored after the call.

## Using PhoneBook or Last Call List



You may select these functions also during a call.

## Time /Cost



Press to display this, you may prefer to set a continuous display (see p. 21).

## Send DTMF Tones

Select if you want to send DTMF control codes for accessing/controlling remote services (eg answering machine).



Enter code number (can also be saved in PhoneBook).



Press

# During a Call

## Call Waiting

During a call you can be advised that there is another waiting. You may need to register for this service, and need to set your phone (see p. 21). You will hear a special tone during the call.

Your caller will hear the ringing tone.



You have 3 options:

### 1 Swap

This accepts waiting call and places current call on hold.

#### Swap

Press, you may swap back and forth as required.

When you end this call, you should press **No** to return to held call, otherwise it will be ended after 10 seconds.

### 2 Reject the waiting call

#### Busy

Press the caller will hear the busy tone.

### 3 End your current call



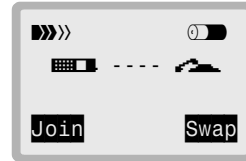
Press to end the current call, the waiting call will ring and can be answered as usual.

## Hold Call / Additional Calls

You can hold the current call, call a new number, swap back or join them together. This service may not be available in all networks. During a call, explain your intention then:

#### Options

Press, scroll and select 'Hold/2nd Call'.



Select from PhoneBook or dial number.



Press, and speak to the new party.

You have 3 options:

### 1 Swap

#### Swap

Press.

This returns to the held call and places current call on hold. You may swap back and forth as required.

### 2 Join

#### Join

Press for 'Conference Calls'.

You may directly add up to 4 additional calls by calling them as usual, and pressing **Join**.

To check group status, press **i** twice. For additional control options, refer to section page 28.

### 3 End / Return



Press to end new call - return to original.

When you end this call, you should press **No** to return to held call, otherwise it will be ended after 10 seconds.



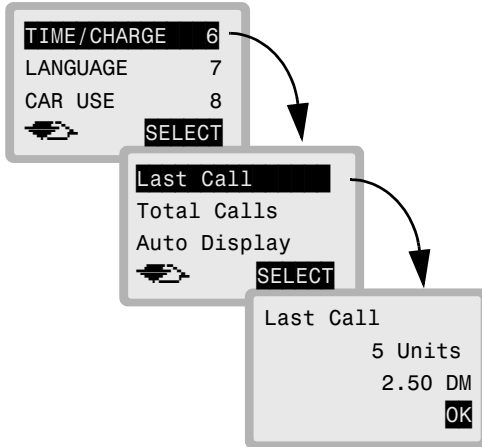
# Options

## Principles

Your phone and network are equipped with many features which will enable you to realise the full benefits of mobile telephony. Many of these are controlled through your Options, but not all networks offer all services.

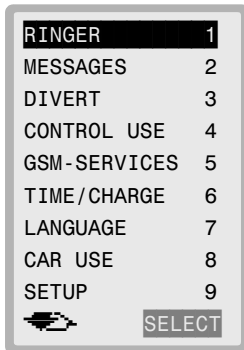
Selecting an entry from the Options menu leads to a submenu, and in some cases to a lower level.


Example:



## Menu Use

**Options** Press to open Menu.



 Press...


... to highlight the required function,  
then press **SELECT**.


You will then be offered further choices, followed by simple options of : Set, Clear, On, Off, OK, etc.

## If in doubt

 Press for helpful information.

## Other Menu Controls

 Hold down to return to standby.  
Press briefly to step back to previous menu level.

 Press to clear an entry (short press to clear last character).

## Menu Indicators

----- Indicates end of list, this wraps round.

▶ Indicates that the entry is switched on, (some are set as standard).

? Indicates unknown setting of network feature.

*If no keys are pressed for 2 minutes, you will automatically exit the Menu.*

## Short Cut

*Menu functions are numbered (only shown in Top Options). You may also select a Menu function directly by entering the relevant numbers eg.*

**Options** 2 2 1 will select your Message list.

## RINGER

(Options)

You may choose from a variety of tones and volume settings.

Ringer on/off  
Volume  
Tone

### Ringer on / off

You may switch off your ringer to avoid disturbance. Switching off also switches off your Message arrival 'beep'.

### Volume and Tone

You may adjust these to your personal preference.

## MESSAGES

(Options)

Your phone supports the following messaging services, provided that the network supports them.

Voice Message  
Text [new]  
Send Text  
Known Calls  
Local Broadcast

### Voice Message

This service, sometimes called 'Mailbox' or 'Voice Mail' is similar to an answerphone, but is contained in the network, and is particularly useful when phone is off or unreachable.

*Different networks use different Voice Message systems, hence operation could differ from that mentioned below, please check with your Operator*

### Setting Voice Message

Your Operator may provide Voice Messaging as an inclusive service, and may set it automatically. You may need to register for the service separately and/or set it yourself. To set up the service, you need to divert unanswered calls to the number which your Operator will supply you with, please follow Divert instructions on (see p. 18).

Your Operator will advise procedures for setting your greeting message, password, etc..


### Voice Message Waiting Indications

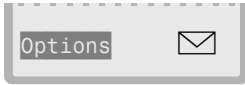
Your Operator may advise you that you have a Voice Message waiting by sending you a short written message (SMS) or by a telephone call/recorded announcement.

# MESSAGES

(Options)

## Hearing your message(s)


If you are alerted by a text (SMS) message,  will appear on your display. To see message:



Press 



Press to call your Message Centre and hear your message.

*In some Voice Message systems the highlighted number may be different to the number you need to call, in which case the correct number may be highlighted later in the message. You may need to scroll (using ) to highlight it before calling.*


*If you are alerted by other means, or prefer more direct access, you can program the number on the fast dial key (see p. 6) or use a memory number, e.g. 1 to facilitate dialling (see p. 10).*

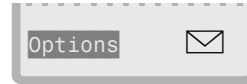
*If you need to enter a password when you call, you may find it helpful to program this together with your Message Centre number (see p. 10).*

## Text Message

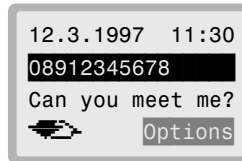
Your phone can receive and send text messages. Your Operator will advise you concerning service availability and conditions.

### Reading a Text Message

When a new message is waiting  will appear in your display. To see message:



Press 



— **Date/Time**  
— **Senders number**  
— **First line of message**



Press to scroll through message.



*Press to call any highlighted number. This may be the originator as above, or another number contained in the message.*

## Deleting Message

At the end of the message you are asked to delete it, you should normally do so since the capacity of your SIM card is limited, and when full, you cannot receive more messages.



will flash to alert you.

# MESSAGES

(Options)

## Message List

**Options** Select 'MESSAGES', then 'XX Text'.



Press 

' \* ' shown in front of a line indicates the Message has not been read.

Your message list also contains messages you have sent, to see these:




 Press

## Sending Text Messages

Messages up to 160 characters long can be created and sent by the following means:

- Writing a new message.
- Replying to a message, perhaps using 'Answer is Yes' or 'No'.
- Sending on a message you have received.
- Editing a message you have received or stored.

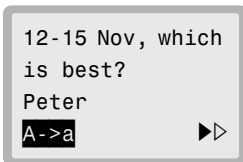
 Have your Service Centre Number ready prior to sending your first message (available from your Operator).

## Writing and Sending a New Message

**Options** Select 'MESSAGES', then 'Send Text', followed by 'Create New'.



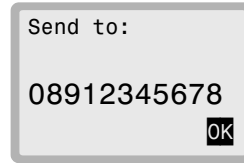
Write Message (see ->).



▶▶ Press, followed by **OK**.



Use keypad or PhoneBook to enter destination phone number.



Press 

**Send**

Press to send message.

You may be asked to enter your Service Centre Number.


*You are advised when your message has been sent and can then save it. It will appear in your message list.*





Press to return to standby or if you have saved the message, you can send it to another number, see 'Sending on a Message' below.


## Writing Letters

1 2 3 To enter numbers, repeatedly press the letters.


 Press to create space.

 Press to switch between UPPER- and lower case letters.

 Press to insert a number from your PhoneBook.

 Press to erase the letter before the cursor, hold down to erase word by word.

 + 0 - . , : ; ' " ? ! i \_

 \* / ( ) < = > % & \$ £ \$ □ ¥ @

 # Γ Δ Ξ Λ Ε Π Σ Φ Ψ Ω

*If your message is not sent, you are offered 'Retry'. If this fails, check that your Service Centre is correctly set and that the destination phone is compatible (see p. 17).*

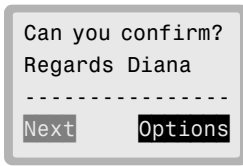
*Note that 'Message Sent' means it has been received by your Service Centre, if it cannot be immediately delivered, it will be continuously re-transmitted (see p. 17).*

# MESSAGES

(Options)

## Replying to a Message

View the message including from your list.



Press 

You have 3 options:

### 1 Create new

Select to write a new message and send it back (the address is saved).

### 2 Answer is YES or

### 3 Answer is NO

The message is sent back, complete with this simple response, and your number.

You may alternatively edit the message before sending, please see below.

## Sending on a Text Message

View the message including from your list.

**Options** Press, then **EDIT**.



Press and highlight new name.

or press **C** first and enter new number, and press **OK**.

**Send**

Press.

## Editing a Message

View the message, including from your list.

**Options** Press, then **EDIT**.



The cursor appears, use the same procedure as for writing a new message.

**OK**

Press when editing is complete.



Enter destination number or name and press **OK**.

## Re-Usable Messages

You may find it useful to keep a list of 'standard' messages, which can be routinely edited and re-sent. You can create messages yourself, or edit messages sent by others, they can be stored and sent as required.

You may also save messages without a phone number, for general use. They are shown in the list as 'Record #1', etc. .

## Message Settings:

**Options** Press, scroll and select 'MESSAGES', then 'Send Text', followed by 'Settings'.

## Message Centre

Select to enter or change the Centre number advised by your Operator.

## Message Lifetime

Select to alter the period your Message Centre will keep and continue sending a message.

## Message Type

You may set special conditions, as advised by your Service Provider, see SMSMO codes page 28.

## Known Calls

You are alerted when you fail to answer incoming calls (see p. 7). When the identity is known, the last 5 'known' calls' can also be seen by selecting this function.

## Local Broadcast

Certain Operators offer a service where a 'message' is broadcast within local areas (cells). It could contain local dialling codes, which change depending on your location.

In most situations the automatic 'Standard' Broadcast Channel will be correct. If a different one is required:

select 'Local Broadcast'



Press and select 'New'



Enter the required channel number and press **OK**. If necessary use **C** to erase the displayed channel first.

# DIVERT

(Options)

This network feature diverts (or forwards) calls to another phone. You can control this, also the situations in which calls are diverted. A common application is Voice Messaging, where unanswered calls are normally diverted to your Message Centre.

If not Reachable  
If no Reply  
All Calls  
If Busy

## to Set Divert

**Options** Press, scroll and select 'DIVERT'.

Select the type of divert required, 'Unreachable' may meet most requirements, please see below.

**Set** Press.



Enter the phone number you wish to divert to (eg. your Voice Message Centre).

**OK** Press. There will be a short delay while your network confirms this.

## Divert Conditions

You may set any combination of conditions, but 'Divert All Calls' will override the others.

### If not Reachable

Calls will be diverted when your phone is switched off, or out of coverage.

### If no Reply

Your phone will ring, but after a delay, the call will be diverted. You can set the delay time (increments of 5 seconds, 30 seconds max).

### Divert all Calls

No calls will be received by your phone.

### Divert if Busy

Calls are diverted when your phone is Busy. This condition overrides 'Call Waiting' (see p. 12).

## to Clear Divert

Use the same procedure as for setting but press **Clear**.

## to Reset Divert

The last divert destination is memorized. Select the condition and press **Set**.

## to Change a Divert Number

Select condition as above and press **Set**.

**C** Hold down to clear unwanted number.

Enter new number and press **DIVERT**.

## to Check Divert Status

You are advised briefly after every call, when a divert condition is set.

Your phone also displays specific divert settings:

- '▶'** Shows that a condition has been set.
- DIVERT** Shows permanently when all calls have been diverted.
- '?'** Shows when a setting is not known.

Since Divert is a network setting this information could be out of date (eg if a new SIM is fitted).

## To check actual settings:


**Options** Press and select 'DIVERT',

**i** Press

You will be advised after some seconds, and may clear all diverts, if set.

# CONTROL USE (Options)

You can protect against unauthorised use by setting appropriate restrictions. All are controlled by codes which differ depending on the type of restriction selected.

- Keypad Lock
- PIN Control
- Allow only 
- Allow last 1-5
- Call Screening
- Prevent new SIM
- Loan Phone
- Network Barring

When you select a restriction, you will be asked to enter one of the following codes:

## PIN

This is the number supplied with your SIM card to prevent misuse. You should also be supplied with a PUK (Personal Unblocking Key) which should be used in case your PIN is mislaid.

## PIN 2

This is a second level of SIM control, sometimes used by a Communications Manager or Dealer.

## PHONECODE

This 4-8 digit code is created by you, when you first select it. If you make this the same as your PIN, a borrower knowing this (eg to switch on) could lift other restrictions.

## PASSWORD

The Call Barring restrictions are controlled in your Network. Your Operator will supply your PASSWORD (numeric code) on request.



You are allowed only 3 attempts to enter the correct code, the function will then be locked. Ensure that the codes are kept securely! If they are mislaid, see 'TroubleShooting' on (see p. 26)

## Controlling Call Restrictions

**Options** Press, scroll and select 'Control Use'.



Scroll and select the required restriction, you will be asked to enter one of the above codes.



Enter the correct code and press **OK**, you can then set or clear the restriction.

## Keypad Lock

Your keypad can be locked to prevent accidental operation. Calls can still be answered, and emergency (112) calls can be made.

When in normal standby state:



hold down to lock or unlock the keypad or select from 'CONTROL USE'.

## PIN Control

### PIN On/Off

You can switch off PIN control, but note the risks of unauthorised use. Note also that some Operators will not allow you to do this.

### New PIN Number

You can change your PIN to any 4-8 digit number (one you may remember more easily)



Enter the current PIN

**Alter**

press 'Alter' instead of 'OK'



Enter the new PIN

You will be asked to repeat this.

*It is most important that you record the new PIN securely, see Caution note above.*

# CONTROL USE

(Options)


## Allow only

(PIN 2 or PHONECODE)

Only Numbers previously entered in your PhoneBook can be called, and no new entries can be made.

## PIN 2 Control

### (\* Restricted PhoneBook)

Certain SIM cards will enable the above restriction in a special SIM memory (shown as \*). This is controlled by PIN 2, and could already be set, limiting your phone for business use.

Please see "Restricted PhoneBook", p. 11.

## PHONECODE Control

If your SIM does not offer PIN2, you will be offered PHONECODE for this function.

## Allow last 1-5 Calls

(PHONECODE)

Calls can be restricted to your Redial list. If you want to restrict calls to one or two numbers, or to change your Redial list:





Press to see your Redial List, then scroll and highlight '\*All Numbers\*'

**Delete**

Press



Return to standby, make 'dummy' calls to the required numbers, pressing  followed by . You can then set the above restriction.

## Call Screening

This 'Secretarial' function ensures that you are only disturbed by 'Known' callers (whose number matches your PhoneBook). Other callers will assume 'No Reply' or may be diverted (eg to Voice Message) if this is set.

It depends on the new 'Caller Identity' feature, which may not be available in all networks. Note that where calls are not identified, they will not ring.



Will be displayed when set.

## Prevent new SIM

(PHONECODE)

Set to prevent use of a different SIM card. If you report the loss of your phone (see p. 30) your SIM will be blocked, and no other SIM can be used.

## Loan Phone

(PHONECODE)

This sets 'Theft Lock'. It also resets and protects the call timer so that you can check usage.

## Network Barring

(PASSWORD)

The type of calls made via your SIM can be controlled in the Network. Your PASSWORD is available from your Operator.

### All Calls Out

Emergency 112 calls can still be made

### Out International

Only national calls can be made.

### Out International excluding to Home country

As International Call Barring, but when abroad, calls can still be made to your home country.

### All Calls In

All incoming calls are barred.

### All Calls in when Roaming

When abroad you will normally receive calls, but depending on your tariff structure you may prefer not to.



Network Info  
 Change Network  
 Auto Network  
 Network List  
 Preferred Network  
 Call Waiting  
 Conceal ID

Last Call  
 Total Calls  
 Auto Display  
 1 Minute Beep  
 Charge Rate  
 Charge Limit

## Network Information

Lists networks you are receiving signals from, you can select service from this list but:



Indicates that your SIM will not allow this Operator.

## Change Network

You can change from the current Network (selected automatically when outside your home Network).

## Auto Network

An alternative Operator will be automatically selected when your home Operator is not available. The automatic selection priority is controlled by your Preferred Network list. You may switch to manual operation and choose the Operator you require.

## Network List

A list of known GSM Operators can be seen.

## Preferred Network

Operators on this list have priority for automatic selection. You can edit this list, deleting an entry or inserting a new one from the Network List. If the required Operator is not listed, you can enter it via the Country (MCC) and Network (MNC) codes they supply.

## Call Waiting

If you register for this service, you may need to set it, you can also check status. For operation see (p. 12).

## Conceal Identity

Subject to your Network, and other carriers, the person you are calling may be able to see who is calling them. You may choose to conceal your identity, either for the next call or generally.

## Last Call

You can see the duration of your last call or if supported by your Network, the units used. You can also see the associated charge, if you have programmed this (see 'Charge Rate').

## Total Calls

This enables you to see the cumulative Time, Units and Charges. It also enables you to zero these.

## Auto Display

You can set this to see the elapsed time during a call, the call time will also appear briefly after each call. You will also see related charge if this is programmed.

## 1 Minute Beep

Select to hear a reminder beep every minute.

## Charge Rate

If your network supports 'Advice of Charge', and you are registered for it, you will see the number of units used. You can program the cost per unit, and your phone will calculate and display the associated charge. If units used are not communicated, it will only display time.

You can also program cost per minute, but owing to tariff variations this may not be accurate.

## Charge Limit

Your phone can be set to suspend service after a predetermined number of units have been used. This requires a special SIM, with a second PIN (PIN 2). The limit can be adjusted, reset or switched off. Your Service Provider may use this feature to enable instant and possibly prepaid service.

Please check with your Service Provider for details.

## LANGUAGE

(Options)

Automatic  
German  
English  
Francais  
etc.

You can select your language for the display texts. 'Automatic' will set the language normally used by your 'home' Operator.

## CAR USE

(Options)

The following settings are relevant only when using the Comfort (Hands Free) Car Kit (see p. 25).

Auto Answer  
Auto Power Off

### Auto Answer

When set, your phone will answer automatically after a few rings, (only when the ignition is on).



will appear in the display.

### Auto Power Off

The installation normally provides power via the vehicle's ignition circuit, enabling automatic switch off. You can program a delay time to avoid premature switching off.

### Hands Free Override

*If you pick up the phone, whilst connected to the Hands Free unit, you can switch to normal hand use:*



Press

# SETUP

(Options)

DTMF Key Tone  
Key Sound  
Any Key Answer  
Illumination  
Own Greetings  
Service Tones  
Power Save  
Master Reset  
Phone Status


## DTMF Key Tones

If you record a number during a call (see p. 11), the DTMF tones can disturb the other party. You may switch these off, if they are not required.

## Key Sound

You can select 'Key Click', 'Key Tone', or 'Key silent'.

## Any Key Answer

Set to enable answering with any key (except )

## Illumination

You can switch off the display illumination, to increase your usage time before recharging.

## Own Greeting

You can program a 'switch on' greeting, which will be visible until the Operator's name appears.

- Ⓢ Press to delete existing 'Greeting', and write new one.

## Service Tones

You can switch on/off the audible signals indicating:

- Connection to the Network.
- Connection after dialling.

Your 'Low Battery' warning cannot be switched off.

## Power Save

If you are in an area of low coverage, it may be helpful to switch off 'Power Save', enabling quicker re-connection.

## Master Reset

This returns the phone to its original settings, note that SIM and Network settings remain unchanged.

## Phone Status

This contains your phone's identity number (IMEI), which may be helpful for service and security.

# Accessories



The following approved Accessories are available, note that use of non approved Accessories can invalidate your warranty and can be illegal.

## Optional Batteries

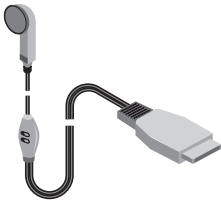
The following Battery options are available:

Standby hours	Talktime hours		
60	4	700 mAh	NiMH
80	6	1000 mAh	Lithium Ion

(times may vary according to network conditions)

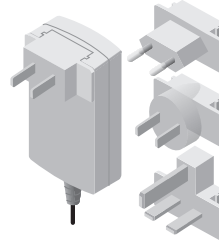
## Portable Hands Free

The headset enables high quality hands free operation for mobile and car use.)-



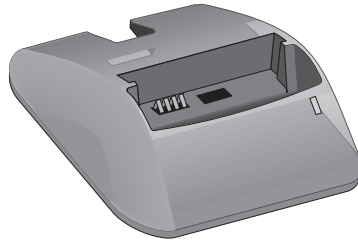
## Travel Charger

A compact and versatile Charger, using 90 - 265 Volts power. Connection pins adapt to fit all international power sockets.



## DeskTop Charger

This provides a convenient stand and simple 'drop in' charging. It also enables independent charging of a separate battery. The unit connects to the standard or Travel Charger, or to a Car Charger.



## Car Accessories

Please note that it is unsafe and may be illegal to hold your phone whilst driving. It is also recommended to use an external antenna whilst in a vehicle, this avoids in car radiation and interference, and enhances performance.

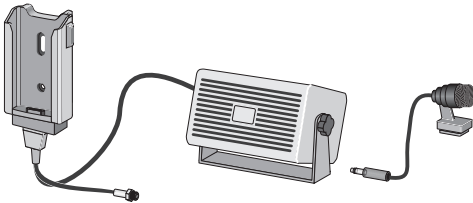


There are restrictions concerning vehicle installation (eg Airbags). Please consult a specialist.

The following accessories will enable safer and easier use in a car:

### Car Kit Comfort

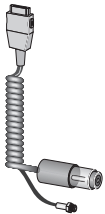
This fully digital/duplex car installation enables safe, hands free and high quality use of the phone whilst driving. The phone connects automatically but can also be used manually whilst connected. Features include radio mute, charging, auto answer, etc. You are advised to have this kit installed by a specialist.



### Car Kit Standard



This includes a cradle with automatic connection, see above, and a charger for cigarette lighter power (12/24V). It also contains connection for an external antenna.



### Car Chargers

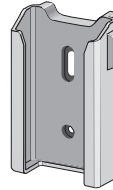
Two types of car charger, using cigarette lighter power are available.



Car Charger with Antenna Connector (12/24V).

Cigarette Lighter Charger (12V).

### Cradle



This enables secure and convenient siting of your phone in a car (perhaps combined with a Car Charger).

A belt clip is also supplied, enabling convenient carrying when using the extended (120 hour) battery.

### Professional Car Kits

Further car installation equipment is available to integrate with car, audio, and other communication systems.

# Troubleshooting

Your phone will be reliable unless it suffers from extreme shock or moisture. The following list should help you identify and remedy problems. In many SIM and network-related instances it may, however, be necessary to call your Service Provider's Customer Service Helpline.

<b>Problem</b>	<b>Possible Causes</b>	<b>Possible corrective measures</b>
Unable to switch on	Empty battery	Charge it. Check charging indication in display.
	Battery contacts dirty	Clean contacts (avoid scratching). Repeat switching on and off. Remove and refit battery.
Charging defect (no display indication)	Temperature exceeds 10 °C - 45 °C range	Adjust and allow time
	Battery defective	Replace it, after several years average use a gradual decline may be expected.
	Contact problem	Check mains socket, and connection to phone.
SIM error	Damaged SIM card	Make visual check. Return SIM to your Service Provider.
	SIM contact dirty	Clean SIM and phone contacts with a dry cloth.
	SIM card not correctly orientated	Ensure SIM is correctly orientated.
PIN error	3 incorrect entries	Enter MASTER PIN (PUK), supplied with your SIM as instructed. If your MASTER PIN or PIN are lost, call your Service Provider for assistance.
No connection to network	Weak signal	Move higher, to a window or open space.
	Outside GSM coverage area	Check Operator coverage map.
	SIM not valid	Call your Service Provider.
	New network not authorized	Try selecting manually, or try other network (see p. 17).
Phone loses network	Weak signal	Reconnection, or connection to another Operator is automatic. Switching off and on may accelerate this. Connection will be quicker if 'Power Save' is switched off (see p. 23).
Calls not possible	Dialling error	Use full national area code.
	All calls barred	Check (PASSWORD needed to clear).
	New SIM fitted	Check for new restrictions.
	Charge limit reached	Call your Service Provider, or use PIN 2 to reset.

# Troubleshooting

<b>Problem</b>	<b>Possible causes</b>	<b>Possible corrective measures</b>
Certain calls not possible	Call restriction set Number has more than 20 digits	Restrictions may be set by your Operator. Check restrictions, (see p. 19). Check number.
Cannot write in PhoneBook	Call restriction set PhoneBook is full	Check "Allow only ☐☐ " (see p. 20). Edit it.
Cannot find PhoneBook	SIM has been changed	Refit original SIM.
Voice message not working	Divert not set	Set divert (see p. 18).
✉ continues flashing	Message store full	Delete a message to make room (see p. 15).
Cannot send a message	Operator does not support this service	Check with your Service Provider.
	Service Centre incorrect or not set	Set Service Centre (see p. 17).
	Destination does not have compatible phone.	Check.
Cannot set a function	Not supported by your Operator, or registration required	Call your Service Provider.
PHONECODE error	3 incorrect entries	Call your Service Provider.
PASSWORD error	Service not authorised	Call your Service Provider.
<b>Accidents</b>		
Severe shock	Internal damage could result	Remove and refit battery and SIM. Do not dismantle.
Immersion in water	Internal damage could result	Rapidly dry with cloth, do not heat. Dry contacts thoroughly. Remove and refit battery and SIM. Stand upright in moving air. Do not dismantle.

# GSM Network Control Codes








Your easy-to-use phone enables network functions to be controlled via Options with simple word commands.

Your Operator may advise users of all phones to use standard code commands. These can also be used and are reproduced below, together with a page reference for a description of the function. The PhoneBook function cannot be used for these settings.




## Multi Party Calls

See page 12.

### 3-Way Calls




Call hold on/off	2	
Make second call		
Hold plus 2nd call	2	
Swap calls	2	
End held call	0	
End active and accept held call	1	

### Conference Call

Join to new call	3	
Hold all except *)	2	
End call *)	1	

\*) No. of calls in time order

### Waiting Call

Reject waiting call	0	
End / Accept waiting call	1	
Hold / Accept waiting call	2	



### End All Calls

## Teleservice Settings

You can specify the type of carrier service you want your function setting to apply to.

<b>ts</b>	Teleservice number; you can currently choose from:	
	All Teleservices	10
	Voice	11
	Data	12
	Fax	13
	SMS	16
	All except SMS	19

## SMSMO Codes




The parameter IDs for sending text messages (SMS) to specific telematic devices.






























































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# GSM Network Control Codes

Key for the following functions:

- ts** Teleservice
-  Phone number
-  Password
-  Delay time (see p. 21)

Function	Set	Clear	Check
<b>Divert</b> (see p. 18)			
Divert when un-reachable	**62*  * ts # 	##62 * ts # 	*#62 * ts # 
Divert if no reply	**61*  * ts*  # 	##61 * ts # 	*#61 * ts # 
Divert all calls	**21*  * ts # 	##21 * ts # 	*#21 * ts # 
Divert if busy	**67*  * ts # 	##67 * ts # 	*#67 * ts # 
Clear all divers		##002* ts # 	*#002 * ts # 
Clear all unconditional divers	**004*  * ts # 	##004 * ts # 	*#004 * ts # 
<b>Call Restrictions</b> (see p. 19)			
Bar all calls out	*33*  * ts # 	#33*  * ts # 	*#33* ts # 
Bar all international calls out	*331*  * ts # 	#331*  * ts # 	*#331* ts # 
Bar all international calls out except to home country	*332*  * ts # 	#332*  * ts # 	*#332* ts # 
Bar all calls in	*35*  * ts # 	#35*  * ts # 	*#35* ts # 
Bar all calls in when roaming	*351*  * ts # 	#351*  * ts # 	*#351* ts # 
Clear call restrictions		#330*  * ts # 	*#330* ts # 
Change call restrictions PASSWORD	**03** old  * new  * new  # 		
<b>Call Waiting</b> (see p. 12)	*43* ts # 	#43* ts # 	*#43* ts # 
<b>Incognito</b> (see p. 21)	#31# 	*31# 	*#31# 
<b>PIN</b> (see p. 19)			
Change PIN	**04*old PIN * new PIN * new PIN#		
Change PIN2	**042*old PIN2 * new PIN2 * new PIN2#		
Unlock PIN with PUK	**05*PUK * new PIN * new PIN#		
Unlock PIN with PUK2	**052*PUK2 * new PIN2 * new PIN2#		

# Looking after your Phone

## Important

The following details will help recovery of your phone; please record them now... just in case.

Phone No.....

No of SIM card .....

Phone Serial Number .....

(beneath battery, 14 or 15 characters)

Customer Service.....

## Loss

If your phone and/or SIM card are lost or stolen, call your Service Provider immediately to prevent misuse

## Care of Your Phone

- To keep it clean, use a damp, or antistatic cloth. Do not use a dry cloth, this could create electrostatic charges.
- Do not use chemical or abrasive cleaners, these could damage the casing.
- As with most electronics products you should guard against extreme shock, temperature and moisture. Avoid leaving it behind glass, in direct sunlight (temperatures can exceed 60°C).

## Care of Your SIM Card

The SIM card must be treated with the same care as a bank card. Do not bend, scratch or moisten the card and take care that it is not exposed to static electricity.

## Service

If your phone appears faulty, please check Troubleshooting page 27.

If the problem persists, please contact your Service Provider or Dealer.

## Siemens Service

If you require assistance, Siemens runs a world wide Service organisation, please see enclosed blue card.

In addition Service, 'Hotline' numbers and other information is available on Internet. Please consult:

<http://www.siemens.de/pn/cp/index.htm>

## Licensing

Your phone is authorized for use in GSM networks. The phone complies with EU standards



- 89/336/EWG "Electromagnetic Compatibility",
- 91/263/EWG CTR 19 and CTR 20, "Telecommunication terminal equipment directive",
- 72/23/EWG "Low voltage directive"

confirmed by the CE label.

## Technical Specification

GSM Class 4 (2 Watt) Mobile Phone

Frequency Range: 890 - 960 MHz

Weight: 180 gm,

Size: 159 x 55 x 16 (22) mm (155 cc)

Standby Time: up to 60 h

Talk Time: up to 4 h

Operating temperature: -10 °C / +55 °C

Innovatron Patent

## International codes

Algeria . . . . .	+213	Malaysia . . . . .	+60
Andorra . . . . .	+376	Malta . . . . .	+356
Argentina . . . . .	+54	Mauritius . . . . .	+230
Australia . . . . .	+61	Mexico . . . . .	+52
Austria . . . . .	+43	Morocco . . . . .	+212
<hr/>			
Bahrain . . . . .	+973	Myanmar . . . . .	+95
Belgium . . . . .	+32	<hr/>	
Brazil . . . . .	+55	Netherlands . . . . .	+31
Brunei . . . . .	+673	New Zealand . . . . .	+64
Bulgaria . . . . .	+359	Norway . . . . .	+47
<hr/>			
Canada . . . . .	+1	Pakistan . . . . .	+92
China . . . . .	+86	Poland . . . . .	+48
Croatia . . . . .	+385	Portugal . . . . .	+351
Czech Republic . . . . .	+420	<hr/>	
Denmark . . . . .	+45	Romania . . . . .	+40
Dubai . . . . .	+971	Russia . . . . .	+7
<hr/>			
Egypt . . . . .	+20	Saudi Arabia . . . . .	+966
<hr/>			
Finland . . . . .	+358	Singapore . . . . .	+65
France . . . . .	+33	Slovenia . . . . .	+38
<hr/>			
Germany . . . . .	+49	Slow. Republic . . . . .	+421
Greece . . . . .	+30	South Africa . . . . .	+27
<hr/>			
Hongkong . . . . .	+852	Spain . . . . .	+34
Hungary . . . . .	+36	Sri Lanka . . . . .	+94
<hr/>			
Iceland . . . . .	+354	Sudan . . . . .	+249
India . . . . .	+91	Sweden . . . . .	+46
Indonesia . . . . .	+62	Switzerland . . . . .	+41
Iran . . . . .	+98	Syria . . . . .	+963
Iraq . . . . .	+964	<hr/>	
Ireland . . . . .	+353	Taiwan . . . . .	+886
Israel . . . . .	+972	Thailand . . . . .	+66
Italy . . . . .	+39	Tunisia . . . . .	+216
<hr/>			
Japan . . . . .	+81	Turkey . . . . .	+90
Jordan . . . . .	+962	<hr/>	
<hr/>			
Kuwait . . . . .	+965	United Arab Emirates . . . . .	+971
<hr/>			
Lebanon . . . . .	+961	United Kingdom . . . . .	+44
Luxembourg . . . . .	+352	United States . . . . .	+1
<hr/>			
		Vietnam . . . . .	+84

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