

englisch
A31008 -
H3100 -A1-3-
7619



Observe general precautions for radio transmitters. Use is prohibited in aircraft, and other areas of interference risk.

Please read your User Guide for complete, safe and effective operation of your S25 features and network services.

Siemens provides a worldwide service hotline and internet support:
<http://www.siemens.com/cd.service>

SIEMENS

S25

Quick Start



For more comfort and efficiency, use Siemens ORIGINAL accessories, these also enable safe use whilst driving. Non ORIGINAL accessories can damage your phone.

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Siemens Aktiengesellschaft
<http://www.siemens.de>

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(3/00)

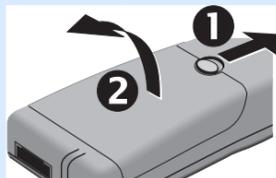


SIM Card / Battery

Insert SIM Card

Your Service Provider will supply a SIM card, containing your phone number and billing details. It may be used in other GSM phones. You may need to carefully snap this out from a credit card sized SIM.

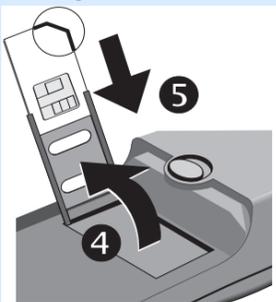
- Remove battery if fitted (1,2).



- Unlock SIM carrier by sliding top as shown (3).



- Swing up carrier (4) then slide in SIM card (5). Ensure angled corner is as shown.



- Swing down carrier (reverse of 4), ensure it fits flush.
- Lock carrier** (reverse of 3), listen for click.
- Refit battery, locating bottom end, then swinging in top until clicks.

If removing battery ensure phone is switched off first.

Charge battery

Your new Lithium Ion battery will not be fully charged:

- Insert charger plug into socket in base (arrow facing up).



- Plug charging unit into mains power socket (ensure voltage range stated on charger is not exceeded).
- Allow approximately 1 hour for maximum charge.

Your display shows

- charging status and
- charging level.

You may use your phone whilst charging.

Usage Time

A full charge can provide up to 200 hours standby, or up to 5 hours talk-time, but dependant on network, environment, SIM card and services used, lower times will be expired.

RÜCKSEITE

VORDERSEITE

Overview



Side keys

To adjust the volume/scroll through menus or messages.

Indicators

Reception Strength / Battery level.

Soft Keys (see below)

PhoneBook
To see PhoneBook entries for easy calling.

On / Off / End

Press briefly: to jump back to the previous menu level.
Hold down: to jump back to standby state and then deactivate/activate the telephone.

Ringer Off (On)

Hold down to switch off alert tones.

Voice Memo (on side)

Hold in to record, (even during a call). Press briefly to play.

Call

Dials displayed number or name, also answers calls. When in standby it lists last calls dialled.

Menu

To set up and control network and phone features.

InfraRed Port

(for PC communication)

Key Lock (Unlock)

Hold down to prevent accidental use.



Soft Keys

The current function(s) are shown above in the display, in some cases, eg scrolling, the left and right hand end of the key offer different functions.

In standby, the soft keys enable fast 'name' dialling, or may have special services (eg Applications).

Making a Call

Switching on

Hold down to switch on (or off).

SIM card and battery must be fitted (see over).

Enter PIN number if required (correct any errors with **⌫**).

Confirm with softkey.

Allow some seconds for Operator name to appear (standby display).



Operator name **must** show to make or receive calls (except emergency calls). If it doesn't, move to a window, higher location or open space.

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

Calling

Enter full **area code** and phone number, even if calling locally.

Press to call displayed number.

Press to end call.

Easier Calls

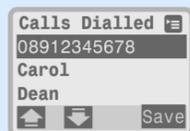
Press to call any displayed number or name you have called, received, or saved in your PhoneBook. Also numbers in messages.

Redial/Call Back

Redialling

From your standby display:

Press to show last calls.



Press again to redial last call or Scroll to highlight earlier call first.

AutoRedialling

AutRedial is offered following an unsuccessful call. Press soft key to redial at progressive intervals for 15 minutes.

Calling Back

Your last received call numbers are also recorded (but not all networks provide Caller Identity).

Press, scroll and select **Records** then **Calls Received**

Call back or choose earlier call from list first.

Missed Calls

Shows above your softkey.

Press to see identity, then call back.

International Dialling

Hold down (until + appears).

Select country (or enter code).

Dial national number (omitting leading digit in many countries).

Phonebook

Writing in Phonebook

Dial full number including area code, as usual.

Press.

Write name.

The number keys now write letters, press repeatedly:

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

Cursor advances after short delay.

A short press erases last letter, a long press name

Press to save entry.

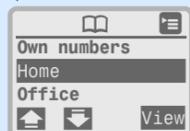
Call number if required

or

Press to return to standby.

Calling from Phonebook

Open PhoneBook.



Write first letter of required name and/or scroll to highlight required name.

Call highlighted name.

Red Phonebook

For priority entries, save number, write name, then

(Red) Press, then **OK**

Calling from Red PhoneBook:

Press twice.

More Ways to Call

Fast Dialling Keys

Setting:

The name appears here.

Press the unassigned soft key below the name and then select **Phone Number**.

Open the phonebook and select the required entry (e.g. Office).

Press

Calling:

Hold down 'named' soft key.

During a Call

- You can use your Voice Memo key to record, (eg a phone number dictated to you).
- You can also play a pre-recorded Voice Memo (eg 'I have answered and am moving to where we can talk privately')
- You can also tap in a phone number, it can be called or saved after the call.

Additional Calls (subject to Network)

Call Waiting service may be available, allowing you to answer the new call, with the option of holding, then returning to the original.

You may also be able to make a second call, then return, swap or join the calls. During your first call :

Press.

Call second number.

Swap or Join are offered.

Press to end, enabling return to first call.

Menu Summary

Press to use or set up phone and network features.



Scroll then select highlighted entry.

Repeat procedure to choose from your sub menu(s). Your soft keys finally offer:

Change, OK, Set, Save, etc.

Hold down to exit menu (a short press steps back).

Icon is displayed during some tasks, indicating further options available via Menu key.

Some network services may not be available, or require registration.

Your Menu offers:

Applicat. (SIM dependent option) Your SIM may offer special information and Electronic Commerce services.

Usage Hints

A brief introduction to phone and features.

Messages

See right for Text and Voice Messages. Cell Broadcast service may be available, offering one or more topics relevant to your current location.

Records

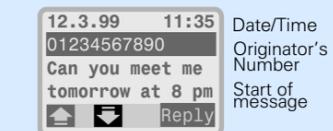
Your phone remembers recent calls dialled, received and missed (also alarms missed).

Messages

Text Message

Shows above your softkey when a message is waiting.

Press to read



Scroll through message

You can also: Press to call any highlighted number.

Send a standard reply, edited or new.

Select from other options including Sending on.

Deleting Messages

You should routinely **Delete Messages** after reading it.

Voice Mail

This network 'answerphone' service enables 'voice' messages, even when your phone is off.

Hearing Voice Mail

A waiting message can be indicated by a text message () or a phone call. You will need to call your mailbox, easiest via:

Press (when set) - see right.

Alternatively a waiting message can be indicated by:

Press soft key to call and hear it.

Flashing warns you that your message store is full. (you **cannot** receive more).

Writing / Sending

Select **Messages**, then **Write Message** then **Create New**.

Write Message.

Create space.

UPPER / lower case.

Punctuation.

Select from PhoneBook or enter number.

Enter your Service Centre number (requested for first use).

Press.

When sent, you can save your message, it appears in:

Messages / Outgoing

Setting Voice Mail

Your Service Provider may preset this, or advise special procedure, if not they will supply 'calling' and 'divert' numbers you should set as follows:

1 Save Mailbox No

Select **Messages** then **Voice Mail**.

Enter the 'calling' number.

2 Divert to Voice Mail

Select **Divert** then **All Unanswered**, then **Set**

Enter your Voice Mail 'divert' number.

SIEMENS

S 25

User Guide



Overview

Volume Keys (on side)

To adjust the volume/ scroll through menus or messages.

Indicators

Reception Strength / Battery level.

Soft Keys (see below)

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Hold in to record, (even during a call). Press briefly to play.

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Dials displayed number or name, also answers calls. When in standby it lists last calls dialled.

Menu

To set up and control network and phone features.

InfraRed Port

(for PC communication)

Key Lock (Unlock)

Hold down to prevent accidental use.



Soft Keys

The current function(s) are shown above in the display, in some cases, eg scrolling, the left and right hand end of the key offer different functions.

In standby, the soft keys enable fast 'name' dialling, or may have special services (eg Applications).

Precautions

All radio transmitters carry risks of interference with electronics in close proximity:



Mobile phones must be switched off in an aircraft. (as a courtesy, also switch off alarms.)



Do not activate near gas stations, fuel depots, chemical plants or blasting operations.



Avoid use in hospitals, medical electronics eg pacemakers, and hearing aids can be affected.



Minor interference may affect TV's, radios, phones, etc.



Avoid pointing active Infrared Port at eyes.



Avoid touching antenna whilst using phone.



Do not hold phone in your hand whilst driving. Use hands free car accessories (page 59).

Please note:



Do not dismantle phone or battery (no user serviceable parts).



Use only specified battery, others can damage the phone or even explode. Also avoid contacts shorting.



Exhausted batteries should be recycled. Dealers and local facilities provide special containers.



There may be risks of damage when using non ORIGINAL accessories

Introduction

Thank you for choosing a Siemens mobile Phone. This, together with GSM, the international network standard, enables the latest features and services, providing state of the art communication. It is much more than a phone, and used effectively, can do much to help organisation and communication for both business and leisure. In addition to easy to use PhoneBooks, Text and Voice messaging, it offers integral Data, Applications software, and even Internet, and can enable future services including Electronic Commerce - you can keep much of your Office in your pocket! It will work on both GSM 900 and 1800 networks, enabling you to keep in touch in most of the world. Please check with your Operator concerning details of current and planned network coverage and services.

Siemens wish you every success with your phone. Should you experience difficulties, there is a dedicated Helpline in most countries - waiting to help you (details inside rear cover)

Your User Guide

Your 'Quick Start' will help you quickly use basic functions. You should also read this User Guide for complete, safe, and effective operation of the phone and network features.

Further Tips and Tricks can be found at:

<http://www.siemens.com/S25>

The following symbols are used:



Use the keypad to write numbers or letters.



Use the soft key, function displayed above.



Press indicated end of soft key.



Network service, this may not be available in all networks.



Black background indicates a softkey.

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Getting Started

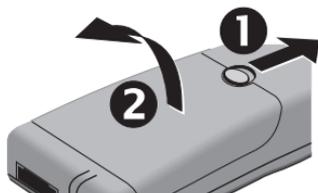
5

1. Insert SIM Card

Your Service Provider will supply a SIM card, containing your phone number and billing details. It may be used in other GSM phones. You may need to carefully snap this out from a credit card sized SIM.

If removing battery ensure phone is switched off first.

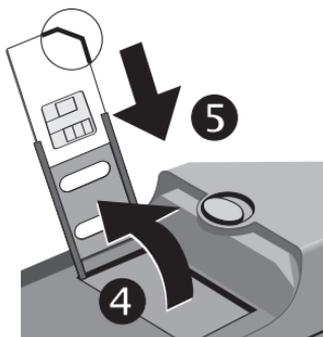
- Remove battery if fitted (1,2).



- Unlock SIM carrier by sliding top as shown (3).



- Swing up carrier (4) then slide in SIM card (5). Ensure angled corner is as shown.

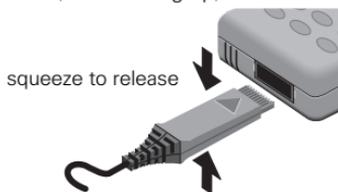


- Swing down carrier (reverse of 4), ensure it fits flush.
- **Lock carrier** (reverse of 3), listen for click.
- Fit battery, locating bottom end, then swinging in top until it clicks.

2. Charge battery

Your new Lithium Ion battery will not be fully charged:

- Insert charger plug into socket in base (arrow facing up).



- Plug charging unit into mains power socket (ensure voltage range stated on charger is not exceeded).
- Phone can be used whilst charging.



Your display shows charging status.

A half hour charge enables more than 100 hours standby, allow at least one and a half hours for maximum charge.

Usage Time

A full charge can provide up to 200 hours standby, or up to 5 hours talk-time, but dependant on network, environment, SIM card and services used, lower times will be expired.



Your display shows charge level.



A beep sounds when nearly empty.

Getting Started

3. Switch on



Hold down to switch on or off.

4. Enter PIN

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



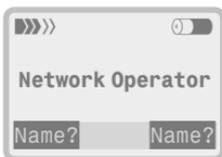
Enter your PIN code (shown as ****).

Correct any errors with **C**.



Press 

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



You are ready to make and receive calls when Operator's name appears.



May also appear if your SIM is enabled for special Applications eg Banking (see also p. 21).

Demonstration

Demo

is offered when no SIM is fitted. Press to see dynamic demonstration.

PIN

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

In this case, or if you forget your PIN, see p. 55.

To switch off PIN control or change your PIN number, see p. 43.

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, see also Trouble Shooting page 55.

Your phone will automatically select another GSM network if you are abroad, or outside your 'home' network.

Making Calls

7

Dialling a Number

Operator name must show in display.



Dial required number.

Use always full **area code**, even if calling locally.



Use to correct any errors. A short press clears last digit, a long press the entire number.



Call displayed number.



Press to end your call.

Easier Ways to Call

For easier, quicker, and error free use, you can call any highlighted number or name, including:

- Redial previous calls
- Automatically redial failed calls
- Call back received calls
- Call back unanswered calls
- Call numbers in messages

You can also use your PhoneBook, Fast Dial keys and Quick Dial, details follow.

International Dialling



Hold down (+ appears).



Press soft key, choose country.



Press.



Enter the national call number (in many countries without the first digit).



Call displayed number.

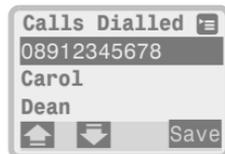
Of course, you can also enter the entire number sequence directly.

Redialling

The last 10 numbers called, are recorded. From your standby display:



Shows last calls.



Press again to redial last call

or

to redial previous calls:



Scroll to highlight required number.



Call.

Info

Please see 'Records', p. 29 for further recorded numbers you can call.

Auto Redialling

If a call is unsuccessful you are offered:

AutRedial Press to repeatedly dial number in progressive intervals for 15 minutes.

or

Prompt Press for reminder in 15 minutes (beeps and displays number)

Any other use of phone will clear these.

Incoming Calls

Answering Calls



Press 

or



Press.

Ending Calls



Press.

Usually your call ends if the other party ends it, but you should not rely on this.

Unwanted Calls

Diverting Calls

Divert Select.

Busy Will be offered if no 'Divert' set.

Rejecting Calls



Press to reject call.

Turning off Ringer



Hold down.

Info

- You can return calls you have received (see p. 29).
- An incoming call will interrupt any other use of phone, but you will be returned to your previous task afterwards.

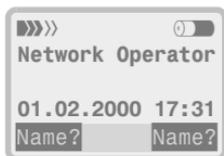
Data/Fax Calls



Please see p. 48 for details.

Fast Access Keys

9



'Name' enables you to set a named number for one touch calling, see below. You can alternatively program a frequently used function on these keys, see p. 46.

Note that your Operator may have already set a function on the left key, enabling easiest access (eg Applications).

Setting

Name? Press and select **Phone Number**.

Either



Press to open the PhoneBook.



Select a name by entering the first letter and/or scroll to the relevant entry, e.g. of-
fice.

Select Press.

or

Number Press.



Enter the required call number.



Enter the name associated with the call number, e.g. of-
fice.

The name is programmed as a fast access key (max 7 characters) and added to the PhoneBook.

Calling

Office Hold down key to call (eg Office).

Changing

Office Press briefly.

Change Select.

Set new entry as above.

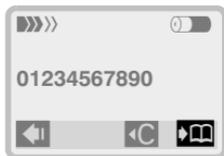
Phonebook

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

Writing in Phonebook



Dial full number.



Press .



Write name, number keys now write letters (see right)



Confirm entry.



Dial number if required.

or



Press to return to standby, ready for next entry.

Writing Letters

Press number / letter keys repeatedly. Cursor advances after a short delay.



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

Available characters are displayed on the top line.



Press to erase letter preceding cursor, hold down to erase name.



Press to manually switch 'letter' case. The first letter of each name is written UPPERCASE, switching automatically to lowercase.



Press to create space

1-9

For numbers first step through letters.



Controls cursor position for easy editing.

Calling from Phonebook



Open PhoneBook.



Write first letter of required name, and/or scroll to highlight required name.



Call highlighted name.

- Own numbers, see p. 11
- Information, or Service Numbers may already be saved in your PhoneBook.

Phonebook

11

Dial complete number:

- Always enter complete number including area code.

International Use

- For easier use when travelling, save all entries with + international prefix, see p. 7.

Other characters

 Space **1** € £ \$ ¥

 + **0** - . , : ? ¿
! " ' ; _

 Shift * / () < = >
% □

 # @ & § Γ Δ ϑ
Λ Ξ Π Σ Φ Ψ Ω

Hints for Advanced Use

- Use Red PhoneBook for priority numbers (see p. 12)
- You may enter a range of numbers for same person eg.
Carol O (Office)
Carol M (Mobile)
Carol H (Home)
- You may save highlighted numbers from lists (eg Calls Dialed).
- You may save numbers in messages:

 Press to save highlighted number.

- If you have many entries starting with same letter, enter next letter and scroll backwards.
- You can save up to 40 number/code combinations per entry.

Checking Entries

 Press and highlight required entry.

View Press to see complete entry.

Changing Entries

Check entry as above, then:

Change Select.
Number is shown with flashing cursor.

 /  Change number.

OK Press to advance to name.

Editing Phonebook

 Use your PhoneBook Menu for further options (see p. 13).

Own Phone Numbers

The first entry in your PhoneBook can be used for your own number. You may also store other personal numbers (eg Fax).

Entering your number(s) and name is similar to PhoneBook entries.

Using Saved Prefixes

You can save a prefix (eg a Business exchange/PABX).

To call, first highlight the prefix name:

View Press,

 Add number, then call.

Red PhoneBook

For quicker access you can enter priority names in your Red PhoneBook.

Incoming calls matching Red PhoneBook entries are identified by a distinctive ring (see p. 30).

New Entry

Transferring from PhoneBook



Open the PhoneBook and choose an entry.



Open the PhoneBook Menu and select **Red Book Entry**.

Select

Press.

New entry



Enter the call number and name as for a normal PhoneBook.



Press red icon (instead of OK).



Is used to mark Red PhoneBook.

Moving an entry from Red to normal PhoneBook



Open the PhoneBook and highlight an entry.



Open the PhoneBook Menu and select **Phonebook**.

Select

Press.

Calling



Press twice and select an entry.



Press to dial.

Memory Numbers

Every phonebook entry is automatically assigned a memory location number.

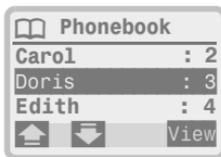
Using memory number



Enter a number (eg 3).



Press to display.



Press to call.

or

View

Press to see entry.

Changing memory number

Display the phonebook entry.



Open the PhoneBook Menu, choose **Location**.

Select

Confirm.

You are guided via the display.

Phonebook

13

PhoneBook Menu

Your PhoneBook Menu provides further options. When using PhoneBook:



Press to see special Menu, and select as required:

Edit Entry	(p. 11)
Red Book Entry	(p. 12)
Delete Entry	
New Entry	(p. 10)
Location	
Delete PhoneBook	
Check Space	
Send as Text	
Send via IrDA	
Print via IrDA	

Delete Entry



Open PhoneBook and highlight entry.



Open PhoneBook Menu and choose **Delete Entry**.

Select

Press.

Location

You can choose where your PhoneBook is stored:

in SIM

Entries are automatically stored in your SIM card, enabling them to be transferred to another GSM Phone.

in Phone

Select to use Phone Memory. If your SIM is full, entries will overflow into this memory (50 max).



Marks an entry in Phone memory.

Restricted (in SIM)

If you have a special SIM, offering 'Fixed Dialling Number', you can restrict calls to entries in this PhoneBook, and no new entries can be made. PIN 2 is needed to control this, please note security code precautions page 43.



Marks an entry in Restricted PhoneBook.

Delete PhoneBook

You are asked for PhoneBook type, and then, as a security the relevant code (PIN 1, PIN 2 or PHONECODE).

Check Space

Entries are normally saved on your SIM, the capacity is defined by your Service Provider.

You can check used and available capacity for:

- SIM card (up to 400 entries)
- SIM (restricted)
- Phone (up to 50 entries)

Send as Text

A phonebook entry can be sent as an SMS.

Send via IrDA

A phonebook entry is transmitted via infrared to another phone.

Print via IrDA

A phonebook entry is transmitted via infrared to a PC for printed.

Control Codes

Control codes can be saved like normal phonebook entries in the PhoneBook (eg for controlling an AnswerPhone remotely).



Enter the phone number.



Hold down until ' + ' appears.

If additional codes are required:



You can hold down again to create a further pause of 3 seconds, repeat if a longer pause is required.

This creates a pause until the connection is established.



Enter Code number.



Press and add suitable name as usual.

Alternatively, just save the Control Code, and send it during call, but note special procedure (see p. 17).

Info

Improved PhoneBook Management

You can create and manage your PhoneBook via a computer/PDA using appropriate software, including SoftDataLink PRO (see "Accessories", p. 58).

Service Provider Control

Your Service Provider may be able to create or update your PhoneBook over the air.

Information/Service Numbers

These useful numbers may already be entered in your PhoneBook, select and scroll through the sub directory.



Identifies a Premium Service number.



Indicates number not available when outside your home network.

PhoneBook Restrictions

Please see 'Control Use' p. 42. Note that your PhoneBook may already be restricted (normal for some business applications).

Partial Number Restrictions

Your Service Provider may setup Restricted PhoneBook entries such as "613??00" iff so, the user can enter any number in place of the question marks.

During a Call

15

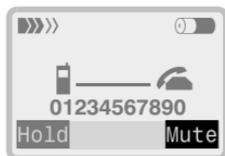
Some features are only available during call.

Volume Control

Use side keys to adjust volume.

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

Microphone on/off



Press 

Press right soft key again to switch microphone back on.

Recording a Number

If a caller dictates a number, you can enter it into your phone.



Enter the phone number. The number can be called or saved after the call.

Use Voice Memo



You can use the right side key to record or play a voice memo, see p. 18.

Call waiting



During a call you can be advised that there is another call waiting. You may need to register for this service, and need to set your phone (see p. 45).

You will hear a special tone during the call.



Your caller will hear ringing tone.

You have 3 options:

1 Swap

Swap

This accepts waiting call and places current call on hold. You may swap back and forth as required.

You can call as follows:



Press to end current call.

If you press **No**, the waiting call is not terminated and can be retrieved with **Go back**. Otherwise, the call is automatically terminated after 10 seconds.

During a Call

2 End current call, answer new



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

3 Reject waiting call

Divert This is offered if set, (eg Voice Mail, see p. 27).

or

Busy Caller will hear busy tone.

Hold/Multi Party Calls

You can hold your current call. You can then make and control additional calls.

Networks may not offer all the described options.

During a call, explain your intention - then:



 Press

 /  Select from PhoneBook or dial number.



Press, and speak to the new party.

You have 4 options:

1 Swap

Swap

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

2 Join

Join

Select to provide a 3 way conference.

You may repeat this, adding a maximum of 5 calls.

3 Call Transfer

To join original call to new one, dropping out yourself:



Press and select **Call Transfer**

4 End / Return



Press to end current call.

If you press **No**, the waiting call is not terminated and can be retrieved with **Go back**. Otherwise, the call is automatically terminated after 10 seconds.

During a Call

17

In Call Menu



Press during a call.

Your menu offers some additional functions:

Call Transfer
Conference
Time/Cost
Send DTMF tone
Volume
NORMAL OPTIONS
Call Status

Call Transfer (see p. 16)

Conference (see left page)

Time/Cost (see p. 42)

You can check current call time, and cost (if programmed).

Send DTMF tone

You may transmit control codes for controlling an AnswerPhone and other facilities.

You may use this menu entry, or follow 'Sending Control Tones', see right, for more direct operation.

Volume control (see p. 30)

The volume can be set.

NORMAL OPTIONS

You may find it useful to refer to a message, or to your Records (see p. 29), to pass on, or connect a number.

Call Status

Active and held calls are listed (eg in a conference).

In Call PhoneBook



This may be used during a call.

It may be useful to pass on a number (view the entry to see details).

Sending Control Tones

You may transmit control tones for controlling remote facilities (eg AnswerPhone). Whilst connected to the facility:



Simply enter the code number.

You can alternatively send a saved control code:



Highlight the named control code.

View

Press, then

Tones

Press to transmit code number.

See also saving code in combination with phone number, see p. 14.

Voice Memo

This enables you to:

- Record a conversation - useful if you are given a phone number or address.
- Dictate a memo, as a reminder, or for others to hear.
- Save a message to play a caller.

Recording



Hold in the Memo key (on right side). A beep indicates the start of recording. Release key to stop recording.



A beep will warn you when the memory is almost full (20 seconds max.).

Playing



Press the Memo key briefly.

Pausing/Additional Memos



You can release key to pause, hold in again to continue.

A pause of more than 10 seconds will return the phone to standby, ready for another memo. A new memo will replace the oldest one, when the memory is full.

Soft Keys

You may also use soft keys for the above functions whilst using Voice Memo.

Private Answer

If you don't wish to disturb others (eg meeting) you can prerecord a message:

'I have answered, but I am moving to where we can talk privately'.

To use, answer the call, then



Press briefly.

Talk when ready.

Menu

19

Menu Introduction

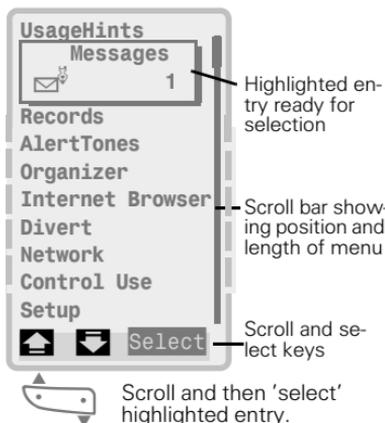
Your menu enables you to set and control a valuable range of features and network services, enabling you to keep constantly in touch, and efficiently organise your business and leisure activities. Not all the listed services may be available in your network, or may require registration, please check with your Service Provider.

The following sections describe using the Menu key when in standby. Pressing the key in other states (eg when using PhoneBook) provides further options relevant to that state.

Menu Use

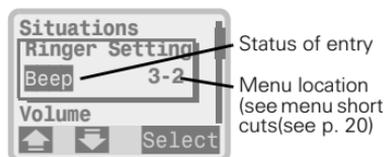


Press to open Menu.



Sub Menu

Repeat the procedure to choose from your sub menu(es). The highlighted entry contains additional information.



Your final menu task is offered as Set, Clear, On, Off, OK, etc. After you have completed your task, you are returned to the previous list.

Other Controls



Hold down to exit (return to normal standby state). Press briefly to step back to previous list.



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

Display Info

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



Indicates that function is switched on.



State unknown.



When displayed (top right) indicates further options available by reusing the menu key.

If no keys are pressed for 2 minutes, you will automatically exit the Menu and return to standby state.

Info**Menu Assistance**

Usage **Hints** is offered for each top menu.



Scroll up and select to see relevant information.

Fast Access Key

You can set Menu functions on your Fast Access key (see p. 46).

Short Cut to Submenu

Your sub menu location is displayed. These numbers may be used for rapid access, eg



1 2 Will select your Message list

Alternative Line 

If you subscribe to a second phone line, you may set each menu entry specific to this line (eg. a different ring, divert, security). You must however select the required line before entering the menu.

Network Feature

Some Network features may not be currently offered by your Operator, or may require registration.



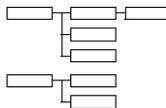
Indicates network dependent feature.

Menu Changes

There may be omissions or additions to your menu (enabled via your Service Provider).

Standby time

Use of some features, eg Cell Broadcast can reduce your effective standby time.

Menu Tree

See appendix page 51.

Optional Features

Your Operator may offer special applications (SIM Application Toolkit).

These can include Information and Electronic Commerce services (eg Banking, Booking) and other powerful applications.

When active, the name of the service may appear in your menu, there will be a submenu if more than one application is active.



This, or the application name may show in standby, enabling instant soft key access.

Please contact your Operator for details, your phone is enabled to handle future services through this facility.

This section provides a basic introduction to using key features.

Using Info

Basic Use

Ways to Call

During a Call

Dialling Lists

PhoneBook

Red PhoneBook

Voice Memo

Voice Mail

Text Message

Accessories

Helpful information is also available for, each top menu, select: **Usage Hints**

Message

Your phone can to receive and send written (SMS) messages, set your VoiceMail and manage Cell Broadcast.

Write Message
Incoming
Outgoing
Business Card
Message Setup
Voice Mail
Cell Broadcast



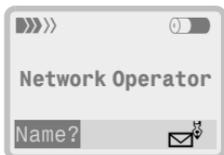
Please consult your Operator concerning service availability.

Text Messages

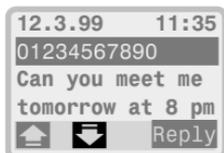
Reading a Text Message



Will appear in your display when a new message is waiting.



Press to read



Date/Time
Originator's Number
Start of message



Scroll through message.



Your left side keys enable you to scroll page by page.

These also display a full page, any other key press will revert to normal.

Deleting Messages

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



Will flash to alert you.

Info



Press to save any highlighted number in your PhoneBook.



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

Reply

See p. 24



Your message menu enables further functions including:

Delete Actual or all messages.

Check Space Check message store

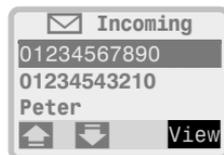
Send Text See p. 24

Old Messages

A list of old messages can be seen, and reused.



Select **Message**, then **Incoming**



Press

The messages are listed chronologically, scroll and view as required.

★ Indicates an unread message.

Message

23

Writing/Sending

Messages up to 160 characters long can be written and sent to other GSM phones as follows:

- Writing new message.
- Replying or Sending on.
- Editing and reusing messages.
- Sending preformatted messages (eg Business Card).

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

Writing



Select **Message**, then **Write Message** then **Create New**.



Write Message using alphanumeric keypad (see right).

When your message is complete:



Press



Select from PhoneBook or enter number.

Sending

Send

Press (enter Service Centre Number if requested).



Can be used at any time.

Writing Letters

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



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



Press to insert space.



Press to erase letter preceding cursor, hold down to erase word.



Use to switch letter case.



Shows lower or UPPER case.

0 - 9

For numbers first step through letters.



Controls cursor position.

160

Top display shows number of characters left.

Other characters



Space 1 € £ \$ ¥



+ 0 - . , : ? ¿
! | " ' ; _



Shift * / () < = >
% □



@ & § Γ Δ ϑ
Λ Ξ Π Σ Φ Ψ Ω

Other Options



Press to see other options

Message

Info

- You are advised when your message has been sent and then you can save it. It will appear in your message **Outgoing** list.
- If your message is not sent, you are offered **Repeat**. If this fails, check that your Service Centre is correctly set (see p. 26).
- Note that 'Message sent' means it has been received by your Service Centre, if it cannot be immediately delivered, it will be continuously retransmitted. You may also obtain Delivery information (see p. 26).
- Your Service Centre may be able to transmit your message to PC's or other terminals.
-  enables quick sending of a message (provided no number is highlighted).

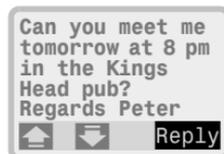
Improved Messaging

You can write and manage Textmessages via computer/PDA using appropriate communications software, and the built in IrDA (infrared) interface.

Please see Data and Fax page 48, and SoftDataLink PRO accessory page 58.

Replying to Message

Display message including from your list.



Press 



Scroll and select Reply from:

Write Message
Answer is YES
Answer is NO
Edit text

'Answer is Yes/No' plus your number are added to the response.

Use  and normal writing procedure for editing a reply.

Message

25

Sending on Message

View message.



Press
(if no number is highlighted)

or



Press, select
Send Text.



Delete destination number
(if incorrect).



Select from PhoneBook or
dial number.



OK, **Send** Press.

Sending Business Card



Select **Message**, then
Business Card.



Add destination number and
send.
Since the business card is
transmitted as SMS only the
first 160 characters will be
sent.

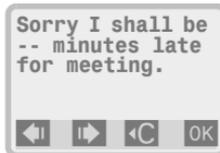
Please see p. 35 to create your own
Business Card.

Preformatted Messages



Select **Message**, then
Write Message then
choose from:

**Late
Appointment
Anniversary**



The preformatted message displays
the cursor at the first variable.



Overwrite variable entry.



Hold down to move to next
variable.



Enter address and send as
usual.

Reusing Messages

You can write your own message, or
edit one you have received, and save
it.

Retrieve the message from your
'Outgoing List':



Modify as required and
send.

Message Settings

Once your Service Centre is set, you can send normal SMS messages. You can, however, choose from special settings:



Select **Message**, then **Message Setup** then choose from:

Service Centre
Message Type
Message Life
Delivery Report
Direct Reply

Service Centre

Enter or change Centre number advised by your Service Provider.

Message Type

Enables you to send a specific type of message, you can choose from:

Variable
Standard text
Telex
Fax
Email
X400
New

Variable setting offers choice of type when sending each message.

Alternatively you may use Setup menu to set another type as normal.

Standard text setting will transmit all messages as normal SMS. Your Message Centre may enable different types which you can choose.

New will ask you to enter a code number as advised by your Service Provider

Message Life

Alters period your Service Centre will keep and continue sending a message.

Delivery Report

Your phone will alert you and display when message has been delivered to its final destination, or reason if it is delayed or delivery not possible.

You may be charged for this special service.

Direct Reply

When set, a reply to your message will be sent via your own Service Centre.

Message

27

Voice Mail



This network service can be provided as an inclusive service and set automatically. You may need to register for service and set it manually, please check with Operator.

Owing to different systems in use, operation could differ from that mentioned below.

Hearing Voice Mail

A waiting message may be indicated by one of following:



Will appear (plus beep).



Press to call and hear message

or



Will appear (plus beep)



Press to check text message (it may advise that you have Voice Mail waiting)

or

Phone call/recorded announcement.

If a Voice Mail is waiting, you need to call your Message Centre to hear it (automatic with  indication):



Hold down to call. If not set, see 'Save Mailbox Number' (right).

Setting Voice Mail

Your Service Provider may preset this, or advice special procedure. If not they will supply 'calling' and 'divert' numbers (normally different) you should set as follows:

1 Save Mailbox Number



Select **Message** then **Voice Mail**



OK Enter your Mailbox 'calling' number.

2 Divert to Voice Mail

It is necessary to set 'Divert' so that unanswered calls (including those when you are unreachable or switched off) are forwarded to your Voice Mail.



Hold down to return to standby.



Select **Divert**, then **All Unanswered**, then **Set**.



OK Enter your Voice Mail 'Divert' number.

Please see 'Divert', p. 39 for details of all divert possibilities.

Info

- Unanswered calls means that calls will be diverted:
 - when switched off, or out of coverage
 - if you do not reply, or if busy (exception Call Waiting p. 15).
- It may be necessary to call a different Mailbox No when outside your home network.
- If you need an access code to hear your Voice Mail, you can save this together with the 'calling' number, see Control Codes, see p. 14.

Message

Cell Broadcast

Your Operator may offer Cell Broadcast, where information is broadcast to all phones in specific network Cells. Information relevant to the specific locality can include local phone codes, traffic, weather, events and other local information services.

This range of topics is currently being developed, and may in some cases be limited to one.



Select **Message**, then
Cell Broadcast

Receive CB

Read Broadcast

Set CB Topics

Topic Index

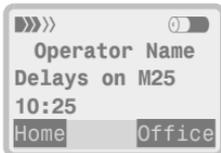
Auto Display

Set Language

Receive CB

When switched on, you will receive the preset broadcast topic.

The first line of the broadcast will appear in the display, a longer broadcast will scroll automatically. A new broadcast automatically replaces an old one on the same topic.



Use to save broadcast as an SMS message, or delete it.

If a number is highlighted:



You can call it.



You can save it.

Read Broadcast

Select if you have switched off 'Auto display' or need to read an old broadcast. You can choose from a list of topics you have previously set.

Set Topics

You may see a list of Topics (Channels), see Topic Index below. You can choose and switch on as required, if the list is empty:



Press.

New entry

Select.



Enter the Topic ID number as advised by your Service Provider - you can name it.

For further entries, and other options



Press to open Cell Broadcast sub menu, and choose as required.

Info

You may switch on (activate) up to 5 Topics.



Topic activated.

Topic Index

Your network may broadcast an index of currently available Topics. Switch on to update your "Set Topics" list from which you can choose.

Auto Display

You may switch off Auto Display, if preferred. You can also control alert tones, see p. 30

Set Language

Select the required language for the info service.

Records

29

Call Records

Your phone remembers your last 10 calls, you can check in the following lists, and redial / callback.



Select **Records**



Scroll and select from the following lists.

Calls Missed
Calls Received
Calls Dialed
Alarms Missed



Call highlighted number.

Calls Missed



Calls you have received, but not answered. Numbers can only be listed if networks involved provide 'Caller Identity' feature. Note callers may have left a Voice Mail, see p. 27.

Calls Received



Numbers can only be listed if networks provide 'Caller Identity' feature.

Calls Dialed

You can also see these more directly from standby:



Press (see p. 7).

Call Lists Info



Press to see time of incoming call.

You can also save numbers permanently in your PhoneBook

Your SIM may enable more than 10 calls to be listed, when full the oldest records are erased.

Delete / Edit

When viewing Calls List.



Press, and select as required.

Alarms Missed

Alarms you have failed to respond to are listed for reference (see Organizer page 31).

Alert Tones



Select **AlertTones** then required function:

Situations
Ringer Setting
Volume
Melody
Silent Alert
Service Tones
MelodyComposer

Situations

This collectively controls all audible signals (except low Battery warning). Choose from:

Normal

QuietEnvironm.

Ringer beeps once - other tones silent

NoisyEnvironm.

Loudest / Clearest Ringer, All Tones on maximum.

Screening (only)

Set to avoid disturbance by 'unknown' callers, whose number does not match an entry in your PhoneBook. If Divert (Unanswered) is set, the call will be diverted (eg to VoiceMail). If the call identity is not provided by the networks, the phone will not ring.

→  indicates screening is set.

Red Screening (only Red)

As above, but only for Red PhoneBook.

Ringer Setting

You can switch off or set unobtrusive single beep.

 or  Shows in standby.

Volume

You can adjust your Ringer and other tones for all alerts, or separately for each type.



Indicates escalating ring - starts quietly then increases.

Note, adjustments made when using accessories (eg Portable Hands Free) do not affect normal settings.

Melody

You can choose from 42 melodies to differentiate between signal tones, message indications or alert tones.

Silent Alert

You can switch silent vibrator on or off.

Service Tones

You can switch off the alert tones indicating:

- Connection to Network
- Connection after dialling

Melody Composer

You can compose your own melodies:



Keys 1-7 correspond to the notes C, D, E, F, G, A, H.



Play and rewind the melody.



Set notes higher or lower.



One octave higher



One octave lower.



Set a pause.



Switch to semitones.



Melodies Menu for saving, deleting, playing, inserting notes, etc.

You can set the tone length with the left side key.

Organizer

31



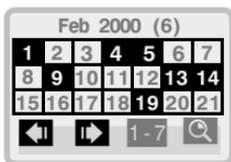
Select **Organizer** then required function:

Calendar
Alarm List
Calculator
Currency Conv.
Business Card
Games

Calendar



Select from your Organizer menu.



Press left soft key to scroll through days, hold down to scroll vertically (eg to adjacent month).

Browsing Calendar

Scroll to highlight required day.



Detail view for the day.



Use to see week.



Use to see month.



Filled dates indicate planned events.



Indicates week (0-52)

Week is ordered:

Monday - Sunday (red)

New calendar entries



Select a day.



Press.

If there are already entries for that day, a list is displayed.



Press and select **New entry**

or

if this day does not yet contain an entry:

Create Press.

then:



/ **OK** Enter the alarm time.



Recurring alarm (see p. 32).

Change

Press and choose one of the following alarm types:

Alarm type



Memo

Write a short text (max. 16 characters).



Call

Use or enter number, it will be offered when alarm sounds.



Meeting



Birthday



Voice Memo

Use side key to record, alarm will invite you to play it.



If necessary, make an entry.



Confirm.

Organizer

Alarm List



Select from your Organizer menu.



Display shows that the alarm has not yet been triggered.

To change an alarm entry:

Select

Press. The alarm is displayed with time, date and, if applicable, a text.

Change

Press to enable change of date and time.

OK

Confirm.
Repeat to change type.

Setting Recurring Alarms

Select Alarm List as above.

If there are entries listed.



Press again, and select **New Alarm** or if applicable **Modify Alarm**



Press
(ignore date/time)

If no entries have been made, you will be offered:

Create Press



Choose from
Daily, Weekly, Annual



Enter alarm time
- then day if weekly
- then date if annually

OK

Confirm. The alarm information is displayed.

OK

Save alarm.

or

Change

Press. The alarm type can now be changed, eg. text memo.



OK

Write or change a memo for the alarm, select the alarm type (see p. 31).

OK

Save alarm.

Organizer

Alarm List Menu

Further options are available when your Alarm List is displayed:



Select Alarm menu.



Scroll and select from the following list:

New Alarm
Deactivate Entry
Delete Alarm
Modify Alarm
Clear List
Send as Text
Send via IrDA
Print via IrDA

New Alarm

See also "New calendar entries" on the previous page.

Deactivate Entry

If an active alarm is marked ✓, it can be deactivated or re-activated here.

It may be useful to temporarily deactivate a daily alarm, or change an old alarm to a new date.

Delete Alarm

A selected alarm is deleted.

Modify Alarm

See left.

Clear List

All alarms are deleted.

Send as Text

All alarm information (date, time, alarm type, memo text) can be sent as text.

Send via IrDA

The alarm information is sent via infrared to another phone.

Print via IrDA

The alarm information is sent via infrared to a PC for printing.

Info

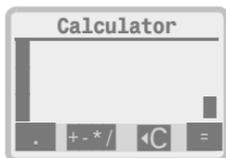
-  Shows in your standby display an active alarm.
- Your alarm will sound even with the phone switched off - any key will silence it.
A pause (5 minutes) is offered.
- To adjust alarm sound, (see p. 30).
- To set clock, (see p. 45).
- Calendar and Alarm List may be used to set all alarm types.

Organizer

Calculator



Select from your Organizer menu.



Basic Calculations



Enter first number (use $\frac{1}{x}$ if required).



Repeatedly press left soft key (right end) to display required function.



Repeat procedure for second and subsequent numbers.



Press to calculate.

Additional Functions



Press the right side of the left soft key repeatedly until the additional function required is selected.



Memorises the displayed number including result of calculation.



Recalls the memorised number.

e

Exponential value (only single entry possible).

±

Swaps + and -.

Info



Can also be used for =.

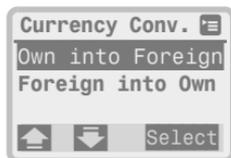


Can also be used for +.

Currency Converter



Select from your Organizer menu.



Setting Exchange Rate

For first time use, you need to set the currencies and exchange rate:

Select

Press and enter the designation for your own currency, eg DM (max 3 characters).

OK



Press and enter the designation for the foreign currency, eg € (Euro).

OK



Confirm and enter the relevant exchange rate, eg DM = 1000, then € = 485.

OK

Confirm

If a currency pair has already been entered:



Open the currency menu and select **New Entry**.



Offers the symbols € , \$, £ , ¥

This setting enables currency conversion in both directions. Up to 3 currency pairs can be set.

Organizer

35

Using Converter



From Organizer menu select **Currency Conv.** Converter



Select required conversion.



Enter amount to be converted.



Converts this to the other currency.

Repeat

Enter the new amount.

Currency Menu

Select an entry from the list of currency pairs:



Press. The Currency Menu is displayed:

New entry
Edit entry
Delete entry

New entry



Enter currencies and exchange rates as above.

Edit entry



Highlight unwanted entry (eg exchange rate). Proceed as for a new entry.

Delete entry

A highlighted entry is deleted.

Business Card

You can create your own business card, and send it via SMS, or using Infra Red to another IrDA equipped GSM phone or PC.



Select from your Organizer menu.

If you have not yet created a business card, proceed as follows.



OK You will be prompted to write entry as follows:

<First name>
 <Name>
 <Company>
 <email>
 <Phone> (Office)
 <City>
 <Postcode>
 <Street> (No.)

Info

The card content/order conforms to the new (vCard) internat. standard.

Business Card Menu

Select the required function in the Business Card Menu:

Send as Text
Send via IrDA
Print via IrDA
Edit text

Send as Text

Send as SMS message (the first 160 characters).

Send via IrDA

The business card is sent via infrared to another phone.

Print via IrDA

The business card is sent via infrared to a PC for printing.

Edit text

Proceed as described above for a new entry.

Organizer

Games



Select **Games** in the Organizer Menu, then select the required game:

Wayout
Reversi
Quattropoli
Minesweeper

Wayout

Find your way out of a 3D labyrinth.

Options This button provides tips on how to play the game, shows the highest score and allows you to set the level of difficulty.

Start Start a game.

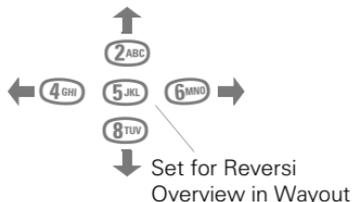
Reversi

Try to score as many tiles as possible by "blocking" your opponent's tiles.

Options This button provides tips on how to play the game, allows you to define who begins and set the level of difficulty.

Start Start a game.

Controls for Wayout and Reversi:



Quattropoli

Throw tiles down into a field. The objective is to be the first to get 4 tiles in a row (horizontal, vertical, diagonal).

Options This button provides tips on how to play the game, allows you to define who begins and test the level of difficulty.

Start Start a game.

Controls:



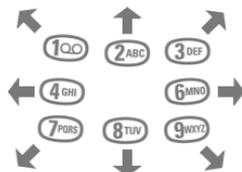
Minesweeper

Find all fields without mines.

Options This button provides tips on how to play the game, allows you to set the playing field and shows the highest score.

Start Start a game.

Controls:



Digit Show the number of mines in the surrounding fields.

* Δ Uncover a field.

-o Mark a field that you suspect contains a mine.

0 +, 5 JKL Cover if the number of mines and hits are equal.

Internet



The Internet Browser is optional, subject to your network and SIM card. Your phone uses SMS and special services which may be available via your Service Provider. The Internet Browser enables advanced information and communication services, eg home banking, teleshopping etc.

The Internet content is similar to that accessed via a PC, but this standard content is unsuitable for display on a mobile phone. Hence you need to set up and use special pages, as below:

How to Use

You will need to open your Internet account with your Service Provider.



Press, then select
Internet Browser.

Initial setup:

You may be asked to enter the following (available from your Service Provider):

- Your SMS Service Centre Number (You may need a different Internet number).
- Your Destination address, enabling access to the special pages for mobile phones. You may be asked for a second Destination address.



Enter the required information.



Use to select letters and case if required.

Operation

When you have entered the required information, and when accessing subsequently, you will enter your homepage. This may appear similar to that shown below.



Use **left** soft key to scroll up and down lists (they do not wrap around).



Soft key labels are defined by Internet, use **left** end of **right** soft key.



If more than one soft key is available, use **right** end of **right** soft key to scroll through soft key labels.

You can select and view listed entries. You will be prompted to enter required alpha or numeric information, enabling full interaction.

Info

If you cannot access your homepage, please check:

- You are registered for Internet Services
- Your Service Centre Number and Destination address are correct (see settings - next page)
- Your Own Number is entered (see p. 11).

Further Options



From your Internet Browser select from:

- 1 Home
- 2 Bookmarks
- 3 Mark Site
- 4 Show URL
- 5 Help
- 6 Settings
- 7 Reset
- 8 Version
- 9 Go to URL

Home

You will find a list of topics under this section such as travel, weather, news etc. Please check with your Service Provider for details.

Bookmarks

Here you will find a list of your most frequently used pages with the Internet address. To revisit a page, select the bookmarked page.

Mark Site

Select to mark the current page, enabling quick revisiting via bookmark list.

Show URL

(Uniform Resource Locator)

Select, if you wish to view or copy Internet address of your current location

Help

Select, if you require information on your current location.

Settings

You may set up a second Internet link, and UP address. You can also check or change existing settings, including your Own Phone Number.

Reset

You can clear list of previously visited pages.

Version

You can reference browser version.

Go to URL

Input option for dialling an Internet address directly.

Your Internet Browser is licensed from:



Divert

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This network feature diverts (or forwards) calls to your Voice Mail or another phone, ensuring you can be reached at all times.

All Unanswered
All Calls
Specific Divert
All Fax Calls
All Data Calls
Status Check
ClearAllDivert

To Set Divert

It is most usual to divert **All Unanswered** calls. This includes 'If no Reply', 'If Busy' and 'Unreachable' (eg when switched off or out of coverage). These, and other conditions are set the same way:



Select **Divert**, then **All Unanswered** then **Set**.



May be offered and used to divert to Voice Mail.

or



Enter the number you wish to divert to (use **⏪** if number is incorrect).



Press.

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

Info

If you cannot set this divert, it may be possible to set other conditions, see next page.

To Clear Diverts



Select **Divert** then **ClearAllDivert**.

If you wish to clear a specific divert, select condition, then **Clear**.

To Reset Divert

The last divert destination is memorized, enabling easy resetting.

Proceed as for setting, press **OK**.

To Change a Divert No.

Proceed as for setting, to display the current (or last) divert destination.



Press to clear number.



Enter new number.



Press.

To Check Divert



Will show permanently if 'Divert all Calls' is set.



Appears in Divert list to indicate that a condition has been set.



Appears if status unknown (eg new SIM inserted).

Note, however, that since Divert is a network setting, the actual setting could be different.

To check, and possibly update your display:



Select **Divert** then **Check**.

If you wish to check a specific divert, including destination, select condition then **Check**.

There will be a delay while your network checks and advises you.

Divert Conditions

All Unanswered

This general setting includes, 'If not Reachable, If no Reply, If Busy' see below.

All Calls

No calls will be received by your phone.

Specific Divert:

The following can be set, enabling different call conditions to be diverted to different numbers.

- 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 delay time (increments of 5 sec., 30 sec. max).

- If Busy

Calls are diverted when your phone is Busy (unless Call Waiting is set, see p. 15).

All Fax Calls

Incoming Faxes can be diverted to a convenient Fax Machine.

All Data Calls

Incoming Data calls can be diverted to a PC, if you are not equipped to receive them.

Network

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Select **Network** then required function:

Network Info
Change Network
Auto Network
Operator List
Preferred Net.
Call Waiting
Fast Search
Conceal ID
Band Selection

Network Info

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 to the next preferred Network (which is selected automatically when outside your home Network).

Auto Network

Your phone will automatically select an alternative Operator 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.

Operator List

A list of known GSM Operators may be referenced for information.

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 Operator 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. 15.

Fast Search

You may speed up Network reconnection time, useful in fringe coverage areas. This can increase power consumption.

Conceal ID



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.

Band Selection (option)

You may able to choose whether your phone operates at GSM 900 or GSM 1800 frequency.

Control Use



Select **Control Use** then required function:

Line
Call Time
Charge Setup
PIN on/off
Limit Phone
Netw. Barrings
User Groups

Line



If you subscribe to a second phone line, you can switch lines. It may be more convenient to assign a soft key for this, see p. 46.

You may lock the phone so that only one outgoing line can be used. You will be asked for PHONECODE, please see restrictions.

Call Time



You can see the duration of your last call, and total calls (outgoing and also incoming). You can also reset these.

If the network indicates the call units used, they will also displayed, together with cost, if you have set this, see below.

Charge Setup



Charge Info

Your network may provide 'Advice of Charge' enabling you to see actual units used. You may need to register for this service. You can program the cost per unit, and your phone will calculate and display related charge.

Charge Limit (Prepaid)



If you are using prepaid service, your residual credit may be displayed after each call. You will be advised when credit is almost finished - prior to service termination. Please contact your Service Provider to renew your credit.

If you have a special SIM, and subscribe to 'Advice of Charge', you may enter a limited number of units, after which service will be suspended. The limit can be adjusted, or switched off using PIN 2.

Combined In/Out

Enables you to set Call Time (Charge) display to show total calls.

Charge Incoming

Enables setting of separate rate, relevant where incoming calls are charged.

Auto Display

Set to see Time (Charge) display briefly after every call.

1 Minute Beep

Set to hear an elapsed time reminder during your calls.

Control Use

43

General Restrictions (Codes)

The following options exist to prevent unauthorised use:

PIN on/off, Restrict Phone, Netw. Barrings

These are controlled by different codes.



CAUTION

Ensure codes are written down, and kept for reference.

You are allowed only 3 attempts to enter correct code, the function will then be locked (see also p. 55).

Emergency calls (112 or 999 in GB) can always be made when in coverage.

PIN on/off

Your SIM is supplied with a PIN number. You should also be supplied with a Master PIN or PUK (Personal Unblocking Key) which should be used if your SIM is mislaid.

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

New PIN Number

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



Select **Control Use**, then **PIN Control**



Enter your current PIN

Change

Press instead of **OK**



Enter the new PIN and repeat this.

Restrict Phone

You can set the following restrictions using PHONECODE. This 4-8 digit code is created by you when you first select a restriction, you will be asked to repeat it.

Babysitter

You can lock the phone to allow calls to only one number.

Allow only /

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

If prefix (area code) numbers only are entered, it will be possible to call numbers commencing with this code.

If your SIM offers 'Fixed Dialling Number', you will be asked for PIN 2 to control this restriction. Your phone could be supplied with this set.

Allow Last1-10

Calls can be restricted to your Redial list.

If you want to restrict calls to a few numbers, or to change your Redial list:



Press to see Redial List



Press to see the special menu, enabling you to clear total list.

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

Deter Theft

This prevents use of a different SIM card making the phone valueless when your SIM is disabled. Your Service Provider will do this when you report loss or theft.

Network Barrings

The following Call Barring Options are controlled in your network. Your Operator will supply the PASSWORD (numeric code) on request.

All Calls Out

Emergency 112 calls are possible.

Out Internat.

Only national calls are possible.

Out Intexc Home

As International Call Barring, but when abroad, calls are possible to your home country.

All Calls In

All incoming calls are barred.

In When Roaming

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

Status Check



Indicates that a bar has been set.



Appears if status unknown (new SIM inserted).

As Barring is network controlled, you can check and possibly update your display.

Clear all Barrings

All barrings are cleared, but clearing may not be allowed by your operator.

User Groups



Your Operator may offer this service, enabling groups of users (eg a business) to benefit from closed internal communications, perhaps at special tariffs. Please check for service availability.

The following settings are available:

Preferred Group (on/off)

This is controlled by PHONECODE. If switched off, normal service may be denied (subject to contract).

Select Group

You may be able to select other groups, and enter further groups: Group code numbers are available from your Service Provider.

Outgoing Access

This is controlled by PHONECODE, certain group members may be denied this.

Ensure that Closed User Group is switched off for normal use.

Setup

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Language
FAX/Data Mode
Clock
Auto Phone Off
Keys
Display
Car Use
Headset Answer
Status

Language

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

If set in a language you cannot understand, you can escape as follows:

*#0000# 

This will set language of 'home' Operator.

FAX/Data Mode

Please see page 48 for details of setting up and using Data and Fax. You will need to switch on IrDA below, the other options may not be required.

IrDA (On/Off)

Switch on to enable your IrDA (Infrared) to transmit data.

 Indicates IrDA in standby.

Self Test

Your display will show connection status.

Send Sp/FAX

Use for special service enabling a voice call to be subsequently changed to Fax.

Receive Sp/FAX

If your Fax/Data number is the same as your phone number, you will need to set this when you are expecting a Fax/Data call.

Clock

You will initially need to set the correct time.

Set Time&Date

Time and Date are displayed with a flashing cursor. Replace current settings as required.

 Press.

 Enter the date first (day/month/year), then the time (24 hours incl. seconds).

Please note, if your battery is removed for more than a few minutes you may need to reset clock

Format Date

Set date order as required.

Auto Display (On/Off)

Your time display appears when you have set it, but you may prefer to switch it off.

Setup

Auto Phone Off

The phone is automatically switched off after a preset time (eg at night).

Setting

Time Press.



Enter the time (24 hour clock)

OK Confirm.

Switching Off

Manual Press.

OK Confirm.

Keys

Left/Right Soft Key (Fast Access)

You may use both soft keys for fast access to PhoneBook names or functions. The left key may already be set by the Service Provider in order to offer you special services.



Press, select **Setup** followed by **Keys** and then for the required key:

Left Fast Dial or
Right Fast Dial

Select Confirm.

Change Press. You can now reset an existing setting.

or

List

Press, and set one of the following functions:

- Usage Hints (p. 21)
- Phone Number..... (p. 9)
- Calendar (p. 31)
- Calculator (p. 34)
- Currency converter (p. 34)
- Write message..... (p. 23)
- View Broadcast (p. 28)
- Games (p. 36)
- Select Group (p. 44)
- Conceal ID..... (p. 41)
- IrDA (p. 45)
- Credit Left..... (p. 42)

All names are abbreviated to 7 characters.

Any Key Answer

Enables answering with any key (except )

Auto Key Lock

You can guard against accidental use, setting automatic KeyLock (active after one minute without use).



Hold down to unlock.

Note this key also offers manual locking/unlocking.

Key Tones

You can choose Click, Tones or Silent

Setup

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Display

Colour

The intensity of the colours can be adjusted.

Illumination

You can switch off display illumination to increase your usage time.

Own Greeting

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

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

Car Use

Auto Answer

Calls will be answered after 3 rings when connected to Portable, Comfort and Professional car kits (see p. 59). This will not operate when ignition is switched off, subject to installation.

Auto Power Off

The Comfort Car Kit is normally powered via the ignition circuit, enabling automatic switch off. You can program a delay time to avoid premature switching off.

Headset Answer

Calls will be answered after 3 rings, when connected to Headset (see p. 59).

Info

Handsfree Override

To change to hand-held operation during a call:



Press (again to switch back)

Car Handset

If you have this accessory for the Car Kit, you may answer and end calls as with a normal 'corded' telephone.

Status

Master Reset

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

Phone Identity

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

Expert Mode

Allows you to directly switch function on and off.

Using Data and Fax

Introduction

Your phone has an integral modem, enabling communication with a PC, using either the integrated IrDA (infrared) interface, or a cable (Accessory).

Standard PC programs (eg Windows) enable you to send and receive Data and FAX, and may offer additional features (eg SMS or PhoneBook management) which you can use with your phone. For optimum use, you should install the SoftDataLink PRO software (see p. 58). This offers the above, and many further capabilities including Melody composition, Organiser and synchronization etc.

Prerequisites

You should check with your Service Provider, regarding availability of Data and FAX service, and registration procedure (incoming service may be optional).

If using the IrDA interface, your PC, Laptop or PDA must also have an IrDA compliant infrared window. You may alternatively use the standard serial output port, via the cable accessory (see p. 58).

Initial PC Setup

To enable Data and/or FAX communication, you must first install a modem in the PCs operating system, as follows:

- Standard Modem with 9600 bit/s
- For FAX only, You may alternatively install
- Class 1 Fax Modem
(max. 9600 bit/s)

You must also select the appropriate port (serial connector or IrDA).

In the event of problems, see p. 50.

Phone Setup

(only relevant for IrDA)



Press and select **Setup** then **FAX/Data Mode**

Change

Press to switch IrDA standby on (or off).



indicates that IrDA is in standby.

Using Data and Fax

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Sending Data or Fax

- Align the IrDA window of the phone and PC (max. 30 cm apart). Ensure that IrDA is activated in your PC and phone.

or

- Connect the data cable.

Start your communications program, and enter "Send" or equivalent. For first use, you will need to select the modem you have installed (PC settings see p. 48). You will then need to enter the required destination.



indicates that communication is under way.

Ending Transmission

Your PC should be used terminate the call, if necessary:



May be used, but note risks of interrupting a PC program.

Receiving Data/Fax calls

You will be alerted by a special tone.



Ensure that your IrDA window is correctly aligned (or Data Cable connected) see 'Sending' above.

In most cases your communications program needs to be started to answer and receive the data/fax call.



indicates that IrDA communication is under way.

Info

You may set 'Divert All Data - or Fax' to a convenient PC if you do not have a PC with you (see p. 40).

Your PC software may offer additional communication functions for your phone, eg write SMS messages or manage the PhoneBook.

For optimum use, load the SoftData-Link PRO software (see p. 58). This also enables many other facilities to enhance communication, time management and usability.

Please see **Setup** (see p. 45) to check Link up, or set for special Data and Fax services.

Problems

Your PC software is likely to be compatible, please recheck the above settings. It may be necessary to also make the following settings:

- Maximum baud rate up to 115 000 bits/s (for IrDA)
- Baud rate at 19 200 bit/ s (for Cable)
- Set the init string to ATZ^M
- Your phone has an IrDA compliant interface, if your PC / PDA infrared driver does not, you may need to upgrade it.

If transmission is interrupted (eg loss of coverage) your PC program may automatically reconnect and retransmit.

Please also check with your Service Provider regarding service availability, or with your PC software supplier.

Please use your Siemens Helpline, or consult Siemens Internet:

<http://www.siemens.com/cd.service>

or

<http://www.siemens.com/S25>

Technical Specification

Modem Driver

Conforms to V.25ter command set.

Data Transmission speed

Conforms to the ITU-T standard V.22bis (transfer at 2400, 4800 and 9600 bits/s).

Data compression programs may enable up to 38400 bits/s between computers.

Facsimile

Facsimile operation, at 2400, 4800, 7200 and 9600 bits/s. conforms to Service Class 1.

SMS/Phonebook Management

Remote Control conforms to ETSI GSM 07.05 and 07.07.

Menu Tree

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Usage Hints

Using Info
Basic Use
Ways to Call
During a Call
Dialling Lists
PhoneBook
Red PhoneBook
Voice Memo
Voice Mail
Text Message
Accessories

Applications (optional)

Message

Write Message	Create New Late Appointment Anniversary
Incoming	
Outgoing	
Message Setup	Service Centre Message Type Message Life Delivery Report Direct Reply
Voice Mail	
Cell Broadcast	Receive CB Read Broadcast Set CB Topics Topic Index Auto Display Set Language

Records

Calls Missed
Calls Received
Calls Dialed
Alarms Missed

Alert Tones

Situations	Normal QuietEnvironm. NoisyEnvironm. Screening Red Screening
Ringer Setting	
Volume	Any Call RedBook Call Alarm Message CB Cell Broadcast
Melody	Any Call RedBook Call Alarm Message CB Cell Broadcast
Vibrator Alarm	
Service Tones	
MelodyComposer	

Organizer

Calendar
Alarm List
Calculator
Currency Conv.
Business Card
Games

Internet Browser

Divert

All Unanswered	
All Calls	
Specific Divert	If not Reachable If no Reply If Busy
All Fax Calls	
All Data Calls	
Status Check	
ClearAllDivert	

Menu Tree

Network

Network Info
Change Network
Auto Network
Operator List
Preferred Net.
Call Waiting
Fast Search
Conceal ID
Band Selection

Control Use

Line	Select Line Lock Line
Call Time	Last Call All Calls Out All Calls In
Charge Setup	Charge Rate Charge Limit Combined In/Out Charge Incoming Auto Display 1 Minute Beep
PIN on/off	
Restrict Phone	Babysitter Allow only  Allow Last1-10 Deter Theft
Netw. Barrings	All Calls Out Out Internat. Out Intexc Home All Calls In In When Roaming Status Check Clear all Barr
User Groups	User Groups Select Group Outgoing Access Preferred Group

Setup

Language

FAX/Data Mode	IrDA (On/Off) Self Test Send Sp/FAX Receive Sp/FAX Receive Fax/Data
---------------	---

Clock	Set Time&Date Format Date Auto Display Auto Phone Off
-------	--

Keys	Left Fast Dial Right Fast Dial Any Key Answer Auto Key Lock Key Tones
------	---

Display	Colour Illumination Own Greeting
---------	--

Car Use	Auto Answer Auto Power Off
---------	-------------------------------

Headset Answer

Status	Master Reset Phone Identity Expert Mode
--------	---

Display Symbols

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These symbols may appear on display during operation:

Display Indicators

	Incoming signal strength.
	Battery being charged.
	Battery indicator (see p.3).
	Divert Set is displayed: - briefly for unanswered calls - permanent for all calls
	Ringer off.
	Ringer Beep.
	Call Screening. Only 'known' calls will ring.
	Use Menu key for further options.
	IrDA (infraRed) in standby.
	Transmitting via IrDA.
	Alarm set.
	Keypad locked.
	Low level encryption.
	Indicates UPPER/lower case.
	PhoneBook (in SIM),
	PhoneBook in phone,
	Restricted PhoneBook.
	Service or number barred.
	Line 1 (or 2) active.
	Menu feature set.
	Unknown status of network feature.
	Receive only Data.
	Receive only Fax.

Organizer Icons

	Memo.
	Meeting.
	Call.
	Birthday.
	Voice Memo.
	Calculator function change.
	Calculator memory in/out.
	Calendar day view.
	Calendar week view.
	Calendar month view.
	Recurring Alarm.

Soft Key Symbols

	Short press clears last character, long press clears entry.
	Message received. Press to read it.
	Voice message waiting. Press to hear it.
	Unanswered Call. Press to see identity.
	Applications (p.22).
	Switch to handset.
	Save in PhoneBook or Red PhoneBook
	Vertical scrolling.
	Horizontal scrolling.

Siemens Service

International Service Numbers

Abu Dhabi	Siemens.....	02713500	Latvia	Siemens	7501114
Austria	Siemens.....	0117075004	Lebanon.....	F.A. Kettaneh	01 443043
Australia	Siemens.....	1800 622414	Lithuania	Siemens	822391555
Bangladesh	Siemens	017527447	Luxembourg....	Siemens	438 43 399
Belgium	Siemens	078152221	Malaysia.....	Hello service.....	032415993
Brunei	DST	02 151	Morocco	SETEL S.A	235 2409
Bulgaria	Omnitel	02 739488	Mauritius	Ireland Blyth.....	211 6213
China	Siemens	02150318149	Netherlands....	Siemens	070 333 3100
Croatia	Siemens	016105381	Norway	Siemens	22 633 314
Czech Republic	Siemens	02 24199 259	Oman	Siemens Service Center.....	791012
Denmark	Siemens.....	35258600	Pakistan	Siemens	0215673565
Dubai	Siemens.....	04699720	Philippines	Siemens	28149888
Egypt	Siemens	233 13129	Poland	Siemens	0800 220990
Finland	Siemens.....	0922943700	Portugal	Siemens	01 417 8393
France	Siemens.....	0156384200	Russia	Siemens	8095 7371801
Germany	Siemens.....	0180 5333 226	Saudi Arabia ..	Arabia Electric	026655 058
Greece	Siemens.....	01 686 4389	Singapore	Siemens	8454818
Hong Kong	Siemens.....	2870 7559	Slovak Rep.....	Siemens	0759682266
Hungary	Siemens.....	0614712444	Slovenia	Siemens	0611746333
Iceland	Smith & Norland	511 3000	South Africa ...	Siemens	0800114050
India	Siemens.....	116923988	Spain	Siemens	902115061
"	Siemens (ISDN)	116925589	Sweden	Siemens	087509911
Indonesia	Dian Graha Elektr.	0214 615081	Switzerland	Siemens	01495 4487
Ireland	Siemens.....	1850777277	Taiwan	Siemens	02 2518 6504
Italy	Siemens.....	0269893691	Thailand	Siemens	26791777
Jordan	F.A. Kettaneh	079559663	Turkey	SIMKO	02122528835
Kuwait.....	NGEECO.....	4818749	United Kingdom	Siemens	0990 334411
			Vietnam	Opticom	090 45 67 89

Trouble Shooting

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.

Problem	Possible Causes	Possible corrective measures
Unable to switch on	Empty battery.	Charge it. Check charging indication in display.
	Battery contacts dirty.	Clean contacts (battery and phone). Repeat switching on and off.
	Battery replacement.	Briefly recharge.
No charging display	Empty battery.	Charge for 2 hours, disconnect and charge normally.
	Battery defective.	Battery performance will reduce over time, replace it when exhausted. Avoid extreme heat to prolong life.
	Contact problem.	Check mains socket, and connection to phone.
Flashing charging display	Temperature exceeds - 10 °C to + 45 °C range.	Adjust and allow time.
'Insert SIM' is displayed after fitting it	SIM card not correctly located.	Ensure SIM is correctly orientated and seated
	Damaged SIM card	Make visual check. Return SIM to your Service Provider.
	SIM contact dirty.	Clean SIM contacts with a dry cloth.
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.
PHONE CODE error	3 incorrect entries.	Contact Siemens Service.
No connection to network	Weak signal.	Move higher, to a window or open space.
	Outside GSM coverage.	Check Operator coverage map.
	SIM not valid.	Call your Service Provider.
	New network not authorized.	Try selecting manually, or try other network (p. 41).
Phone loses network	Weak signal.	Reconnection, or connection to another Operator is automatic. Switching off and on may accelerate this.
Calls not possible	Dialling error.	Use full national area code.
	New SIM fitted.	Check for new restrictions.
	Charge limit reached.	Call your Service Provider, or use PIN 2 to reset.

Trouble Shooting

Problem	Possible Causes	Possible corrective measures
Certain calls not possible	Call restriction set.	Restrictions may be set by your Operator.
Cannot save in PBook	Call restriction set. PhoneBook is full.	Check PhoneBook restrictions (p. 13). Edit it (p. 11).
Cannot find PhoneBook	SIM has been changed.	Refit original SIM.
Voice Mail not working	Divert not set.	Set divert (see page 27 and page 39).
 flashing	Message store full.	Delete a message to make room (p. 22).
Cannot send a message	Operator does not support this service. Service Centre not set. Destination does not have compatible phone. Message type wrong.	Check with your Service Provider. Set Service Centre (p. 26). Check. Check.
Cannot set a function	Not supported by your Operator, or registration required.	Call your Service Provider.
Menu entries missing	SIM Restrictions	Check with your Service Provider.

Accidents

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.

Resetting Phone

You can reset your phone to its original condition:

Enter ***#9999#** and press . This will not effect SIM or network settings.

Siemens Assistance/Service

Worldwide assistance is supplied by Siemens Partners - a simple phone call away.

Internet: <http://www.siemens.com/cd.service>

If your phone appears faulty, please check Troubleshooting. If the problem persists please contact Siemens Service. In the unlikely event of a defect appropriate service steps can be taken locally.

Specifications

Care of Phone

57

Licensing

Your phone is authorized for use in GSM networks. The phone set complies with following EU directives:

- 89/336/EEC 'Electromagnetic Compatibility'
- 98/13/EC, CTR 19 and CTR 20 'Telecommunication Terminal and Satellite Earth Station Equipment Directive'
- 91/263/EC, CTR 31 and CTR 32 'Telecommunication Terminal and Satellite Earth Station Equipment Directive'
- 73/23/EEC 'Low Voltage Directive' as amended by 93/68/EEC



Technical Specification

- GSM Class 4 (2 Watt)
Frequency Range
880 - 960 MHz
- GSM Class 1 (1 Watt)
Frequency Range
1710-1880 MHz

Weight : 125 g
Size : 116 x 46 x 28 mm
(118 cc)

Operating Voltage: 3.6 V
Power Consumption: max. 550 mA
Standby Time: 60 h - 200 h

The standby time is dependant on network, environment, SIM card and services used.

Talk Time : up to 5 h

- To clean, use a damp, or antistatic cloth, a dry cloth could create electrostatic charges.
- Do not use chemical or abrasive cleaners, these could damage casing.
- As with most electronics products avoid extreme shock, temperature and moisture.
Avoid leaving it behind glass, in direct sunlight (eg in a car, this can cause excessive temperatures).

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.

Important

You are advised to write down the following details (to help recovery of your phone).

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.

Accessories

Spare Battery

L 36880-N3101-A104

Identical to that supplied with your phone (Li Ion).

Extended Battery

L 36880-N3101-A105

This doubles your standby and talk time (Li Ion).

Rapid Charger

L 36880-N3015-A102/A103

The same as that supplied with your phone.

Travel Charger

L36880-N3015-A107 ... A111

Similar to Rapid Charger but enables worldwide voltage range 90-270 V.

Desk Top Charger

L36880-N3101-A103



This forms a convenient stand, and enables easy drop in charging. A spare or extended battery can be charged simultaneously. It connects to all S25 chargers.

Belt Clip

L36880-N3101-A108



This allows easy and secure attachment to a belt. The phone can rotate to a convenient angle.

Leather Bag

L36880-N3015-A122

Provides optimum protection for your phone, and is characterized by its functionality.

Headset

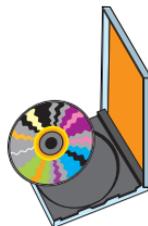
L36880-N3015-A119



This offers safe high quality hands free use, whilst walking or driving.

SoftDataLink PRO

L36880-N3101-A100



This Windows software provides optimum communication with your computer/PDA, enabling further functions:

- Data and Fax communication
- Enhanced Messaging (SMS)
- Enhanced PhoneBook management
- Extended range of Ringer melodies
- Synchronisation of Organizer

Data Cable

L36880-N3101-A102

Provides same functionality as IrDA, but enhances connectivity for professional use via serial interface.

Car Accessories

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Antenna Cradle

L36880-N3101-A106



An external antenna avoids radiation and interference risks, and leads to increased operating range. This robust cradle provides automatic connection, and can be used with Car Charger, and Car Kit Portable.

! Ensure that vehicle functions (eg Airbag) are not obstructed when installing Car fitsments.

Car Charger

L36880-N3015-A114



This fits standard cigarette lighter sockets (12-24 V). It can be used together with Antenna Cradle.

Car Kit Portable

L36880-N3015-A117

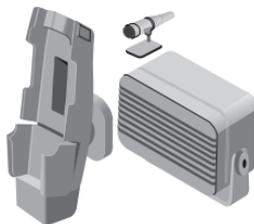


This enables safe handsfree use, as well as rapid charging, and auto answer. It simply plugs into standard

cigarette lighter sockets, enabling easy movement between vehicles. It can be used together with the Antenna Cradle.

Car Kit Comfort

L36880-N3101-A107



This enables natural, high quality and safe communication when on the move. It incorporates advanced full duplex digital technology.

Car Kit Professional Voice

L36880-N3101-A110 (English)

L36880-N3101-A109 (German)

State of the art Voice Recognition System enabling safe and reliable hands free calling.

Phone Adapter Professional

L36880-N3101-A111

For use with above Voice Recognition System.

Adapter Kit Professional (VDA)

L36880-N1201-A110

To connect Car Kit Professional Voice to vehicles without VDA (pre installation).

Data Cable Professional

L36880-N3101-A112

For connecting PC to Car Kit Professional Voice.

Car Handset

L36880-N3015-A123

This enables optimum private use whilst connected to Car Kit Comfort, or Car Kit Professional Voice. It can be used to answer and end calls.

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