

Overview

Menu / info

To set up and control further network and phone features. Also offers 'help' function see below.

Phone book

Press to open Phone Book for easy calling.

ProSLIDE™

Slide open to enter number or letters, use also to answer or end calls.
Lock or unlock phone.

Infrared Link

Enables IrDA communication with PC.

Standby Display

Operator's name/logo shows you are ready to make or receive calls.

Soft keys

Offer relevant functions, see below.

On, Off, End

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

Call

Dials displayed number or name. Also answers calls.



Soft Keys

Current function is shown in display.
In some cases, left and right end of key offer different functions.



Integral User Guide

Helpful information is available:

 Press and select:
***** Info *****



Display Symbols To make Calls

These symbols may appear on display during operation:

Display Indicators

	Incoming signal strength.
	Service barred.
	Battery indicator (see p.3)
<i>DIVERT</i>	All calls diverted.
<i>SILENT</i>	Ringer off.
	Call Screening. Only 'known' calls will ring.
	Alarm set.
	Keypad locked.
	IrDA on.
	Not Ciphering.

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.
	PhoneBook in SIM, (+) PhoneBook in phone, (*) Fixed PhoneBook.
	Applications (p.22)
<i>DATA</i>	Receive only Data.
<i>FAX</i>	Receive only Fax.

Switch on



Hold down to switch on or off.

You need to have a SIM-Card fitted, and a charged battery.



Slide open to enter number.



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



Press soft key (right end). Network Operator's name shows that phone is ready for operation.

Making a Call



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



Press to call displayed number.



Press to end call or slide closed (see p. 44).

Precautions

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



Mobile phones must be switched off in an aircraft.



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



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



Personal medical products (pacemaker, hearing aids, etc.) can be affected.



Avoid pointing active Infrared port at eyes.



Do not hold phone in your hand whilst driving.



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



Use only specified battery, others (including non rechargeable) can damage the phone or even explode. Also avoid contacts shorting.

Introduction

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

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

If you experience difficulties, Siemens provide a dedicated helpline in most countries around the world (see p. 50).

Your User Guide



These instructions covers all variants of the SL10. Please read them for safe and effective operation.

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.



Black background indicates a soft key function.



Network dependent feature.

Contents

Getting Started	3	Menu	20
Making Calls	5	'Applications'	22
Dialling with Keypad.....	5	Ringer 1	22
International Dialling.....	5	Ringer (On/Off/Beep).....	22
Redialling.....	5	Volume and Tone.....	22
Dialling Received Calls.....	6	Silent Alert Battery.....	22
Missed Calls List.....	6	Messaging 2	23
Info.....	6	Text Message.....	23
Fast Dialling Keys	7	Voice Message.....	29
Programming.....	7	Missed Calls.....	30
Changing Number.....	8	Local Broadcast.....	30
Using Fast Dial Keys.....	8	Divert 3	32
Incoming Calls	9	To Set Divert.....	32
Answering Calls.....	9	To Clear Diverts.....	32
Ending Calls.....	9	To Reset Divert.....	32
Unwanted Calls.....	9	To Change a Divert No.....	32
Data/Fax Calls.....	9	Control Use 4	34
PhoneBook	10	Key Lock (no code).....	35
Writing in PhoneBook.....	10	Call Screening (no code).....	35
Calling from PhoneBook.....	10	Limit Phone.....	35
Changing Entries.....	12	Limit Phone.....	36
Deleting Entries.....	12	PIN Control.....	36
Red PhoneBook.....	13	Loan Phone.....	36
Short Code Dialling.....	14	NetworkBarrings.....	37
DTMF Control Codes.....	14	Prevent new SIM.....	37
During a Call	17	GSM Service 5	38
Volume Control.....	17	Network Info.....	38
Microphone on/off.....	17	Change Network.....	38
Recording a Number.....	17	Auto Network.....	38
Time, Charge.....	17	Operator List.....	38
Send DTMF tones.....	17	Preferred Netw.....	38
Call waiting.....	18	Call Waiting.....	38
Hold/Multi Party Calls.....	19	Conceal ID.....	39
		FAX/Data Mode.....	39
		(Closed) User Group.....	39



Contents

Time, Charge 6	40
Last Call.....	40
Total Calls	40
Combined In/Out	40
Auto Display	40
1 Minute Beep	40
Charge Rate	40
Charge Limit.....	40
Language 7	41
Clock, Alarm 8	42
Alarm On/Off.....	42
■ Auto On/Off.....	43
Clock Set	43
Setup 9	44
Infrared On/Off.....	44
ProSLIDE funct. TM	44
Key Use	44
Service Tones.....	44
Own Greeting.....	44
Power Save Mode.....	45
Display.....	45
Master Reset	45
Phone Status.....	45
Accessories	46
Trouble Shooting	48
Looking after your Phone	51
Index	53



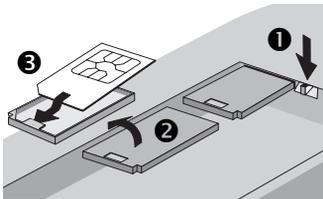
Getting Started

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

- Remove battery if fitted.
- Press down red ① latch to eject SIM holder, then remove it.



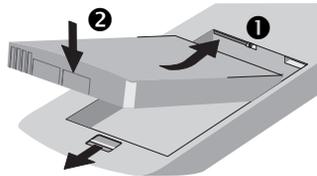
- Invert card holder ② and insert SIM card. Ensure contacts face up ③, fit front edge beneath tab.
- Reinvert card holder, and slide back until it clicks.

Demonstration

When SIM is not fitted, you can press **Demo**.

2. Fit and Charge Battery

Fit battery as shown. Ensure top end is located correctly first.



Release latch

If removing it ensure phone is switched off first.

To charge battery:

- Insert charging jack into charging cradle.
- Locate phone in cradle.
- Plug charging unit into mains power socket.

 Charging indication. Allow 1 hour for maximum charge.

 Charge level. Beep sounds, when nearly empty.

Usage Time

A full charge can provide up to 40 hours standby, or 3 hours talk-time - subject to network and environmental conditions.

Your advanced lithium ion battery can be charged at any time.

Getting Started

3. Switch on



Hold down to switch on or off.

4. Slide open keypad

Limited use, including redialling and PhoneBook as well as answering is possible when closed.

5. Enter PIN

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

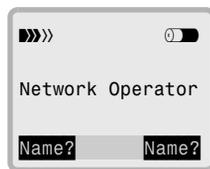


Enter your PIN code.
Correct errors with



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.

PIN: SIM card will be blocked after third incorrect PIN entry. In this case, or if you forget your PIN, see p. 48.

To switch off PIN control or change your PIN number, see p. 36.

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

Network connection:

- 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 window, elevated or open space.

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

Problems?

Info Press to see relevant information. (see p. 48).

Making Calls

Dialling with Keypad



Dial required number.

Use always full area code, even if calling locally.



Call displayed number.



Press or slide closed to end your call.

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

International Dialling



Hold down until ' + ' appears, providing international access from all countries.



Enter country code

or

+List

Select and scroll to required country.



Dial national number (omitting leading '0').

Tip

For later use abroad, save 'home' country numbers with this prefix.

Redialling

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



Shows last calls.



either



Press again to redial last call

or

to redial previous calls:



Scroll to highlight required number.



Call.

Making Calls

Redialling a Busy No.

AutRedial

Repeatedly dials number in progressive intervals for 15 minutes.

AutRedial Press.

or

Prompt

Provides a 'beep' in 30 minutes, and shows number for redialling.

Prompt Press.

Any interim phone use will end these functions.

Dialling Received Calls

The 10 last 'identified' incoming calls are recorded.



Shows your last calls list.



Scroll up **twice** to see received calls.



Press again to call highlighted number or continue scrolling to highlight required number first.

The new 'Caller Identity' service may not be available in all networks.

Missed Calls List

If you fail to answer a call, the display will alert you, and if the identity is known, you can call back.



Press, your missed call list will be displayed.



Press to call the last missed call, or scroll first to highlight required number.

If the call identity is unknown, you will see how many calls you have missed.

The missed call list can also be recalled via the menu, (page 30).

If you have voice messaging set, caller may have left a message.

Info

Clearing Lists



Press.

Clear List

Select.

Select Confirm.

List capacity (All calls)

Less than 10 numbers may be stored, subject to your SIM card.

Fast Dialling Keys

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

Note: Your Operator may have other functions on these keys.

Programming

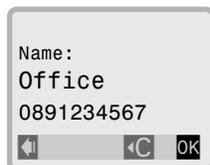
Entering new number:



Press either

 **OK** Enter phone number.

 Enter name
(max 7 letters).



Press 

The name will also show in your PhoneBook.

or

Entering from PhoneBook:

Name? Select.



Open your PhoneBook.



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

Set Confirm.

Only first 7 letters can be displayed.

Fast Dialling Keys

Changing Number



Press briefly then

Change Select.

Changing to a PhoneBook Entry:

 Open your PhoneBook.

 Write first letter of required name, e.g. E (for Edith) and/or scroll to highlight required name

Set Confirm.

Changing to a New Number:

 Press.

  Enter a new number and name

Incoming Calls

Answering Calls



Press 

or



Press

or



Slide open
(see also p. 35).

Ending Calls



Press

or



Slide closed
(see also p. 35).

Unwanted Calls

Busy Select.

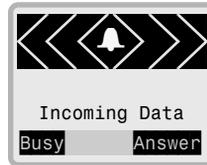
Divert will be offered if set, eg. Voice Messaging (see p. 30).

or



Press to reject call.

Data/Fax Calls



You will be alerted by a special tone when you receive a Data or Fax Call. Point phone at InfraRed window on your PC (or accessory).

It will answer automatically.

PhoneBook

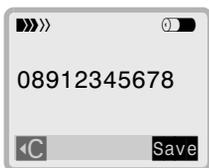
With ever longer phone numbers, it is easier to dial them once only and save them in your electronic PhoneBook. Writing a name makes finding and calling the number easy.



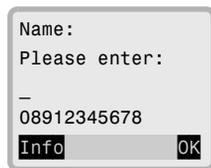
Writing in PhoneBook



Dial full number.



Press 



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



Press twice.
(Confirms normal entry)



Dial number if required

or



Press to return to stand-by, ready for next entry.

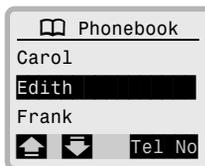
Calling from PhoneBook



Open PhoneBook.



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



Call highlighted name.

PhoneBook

Dial complete number:

Always enter complete number including area code.

For easier use abroad, enter international code + (see p. 5).

Writing Letters

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

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

Available characters are displayed on the bottom line.

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

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

1 Press to create space

123 For numbers first step through letters.

← **→** Controls cursor position.

Other characters

0 + 0 - . , : ; ' "

? ¿ ! ¡ _

***** * / () < = >

% & § £ \$ ¤ ¥ @

Γ Δ Ε Λ Ε Π Σ

Φ Ψ Ω

≡ Further options available using Editing Menu (see p. 27).

Hints for Advanced Use

- Use Red PhoneBook for priority numbers (see p. 13)
- You may enter a range of numbers for same person eg.
Carol O (Office)
Carol M (Mobile)
Carol H (Home)
- Save numbers from messages, or lists especially Received Call List (see p. 6).

📖 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 for call routing.

PhoneBook

Changing Entries



Press and highlight required entry.

Te1 No

Select.

Change

Select.

Number is shown with flashing cursor.



Change number.

OK

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

Deleting all Entries



Press



Press to show 'PhoneBook Menu'.



Scroll and select

Clear Phonebook

You will be invited to select the PhoneBook you wish to delete.

Note: You may also use this Menu for changing or deleting individual entries.

Deleting Entries

Proceed as for changing.



Hold down to delete number.

OK

Press.

Own Phone Number

The first entry in your PhoneBook can be used for your own number. You may also store other reference numbers (eg Fax), these cannot be directly called.

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

Checking Phone Numbers:

Te1 No

Press to show number.

Dialling Extension Numbers

You can save a business exchange number. To call various extension numbers, first highlight exchange number:

Te1 No

Press, add extension number, then call.

PhoneBook

Red PhoneBook

You can enter priority names in Red PhoneBook, for more direct access. When you receive an identified call, matching 'red' entry, you will hear a distinctive ring (see p. 22).

Writing a New Entry



Enter number and name as for normal PhoneBook



Press.



Press



Confirm.

'!' is added to name to mark entry in Red PhoneBook.

Calling from Red PhoneBook



Press twice and proceed as for normal PhoneBook.

Transferring to Red PhoneBook



Press and highlight required entry.



Select.



Select.



Press twice to confirm number and name.



Press.

'!' (indicating Red PhoneBook) is added to name.

You may use same procedure to transfer from Red PhoneBook.

PhoneBook

Short Code Dialling

Every saved number has a code (memory) number. You may use these to call (difficult to remember many).



Enter Short Code number.



Call (codes 1-9 only)

or



Display PhoneBook entry to check first (necessary for codes 10+).

Changing Short Code Numbers

A code (memory) number is assigned automatically but you can control this (eg codes 1-9 for frequently called numbers).



Save phone number, name is optional. Code (mem) no., shows flashing cursor.



Clear memory number.



Enter preferred mem number.



Confirm.

Note if 'mem' is already in use, you will be asked to swap or delete old entry.

Checking Memory Numbers

If number is named, select entry as usual:



Press, to see total entry, including memory number.

If number is not named, it is listed after the names.



To see this more directly, open PhoneBook.



Press to scroll in reverse direction.

DTMF Control Codes

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



Enter the phone number.



Hold down until ' + ' appears.



Hold down again to create a 3 second pause. Repeat this, if a longer pause is required.



Enter DTMF 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).

PhoneBook

Alternative PhoneBook Memories

There are 3 different PhoneBook memories:

-  Normal and Red PhoneBook, stored in SIM
- +  PhoneBook stored in Phone Memory
- *  Restricted PhoneBook in SIM (requires PIN 2)

Normally PhoneBook entries are stored in SIM, enabling your PhoneBook to be transferred to another phone.

When SIM PhoneBook capacity is full, entries will overflow automatically into phone's memory, (shown + ). You can select specific PhoneBook memories.

Storing in Alternative PhoneBooks



Make number and name entry as normal.



Press ...

... repeatedly to select

*  , +  or  ,



Confirm.

PhoneBook

Info

Checking Capacity



Open PhoneBook



Press



Select 'Capacity'

Remote Control of PhoneBook

You may create and manage PhoneBook using a PC. Your Service Provider may also be able to send or update your PhoneBook.

Services PhoneBook

Your Operator or Service Provider may supply your SIM with PhoneBook entries for useful services. If so, you will see

Services as second entry. This 'PhoneBook' may also be offered on a soft key (see p. 7).

PhoneBook Restrictions

Please see 'Control Use' (see p. 34). Note that your PhoneBook may already be restricted (normal for some business applications).

Partial Number Restrictions

Your Restricted PhoneBook can offer an incomplete number (shown as '?').

Replace question marks with required numbers.



During a Call

Some features are only available during call.

Volume Control



Hold down to select and increase volume (use softkey to decrease)

Microphone on/off



Press

Press again to switch microphone back on.

Recording a Number

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



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

Time, Charge



Press to open menu and select **Time, Charge**. You can set continuous display (see p. 40).

Send DTMF tones

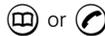
You can directly enter a control code for accessing/controlling remote services (eg answering machine).

If you wish to send a stored code from your PhoneBook:



Press to open menu, select **Send DTMF tones** before sending Control Code.

Using PhoneBook or Last Call List



These functions are also available during a call.



During a Call

Call waiting

During a call you can be advised that there is another waiting. You may need to register for this service, and need to set your phone (see p. 38).

You will hear a special tone during call.



Your caller will hear ringing tone.

You have 3 options:

1 End current call, answer new



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

2 Swap

Swap

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

3 Reject waiting call

Busy

Caller will hear busy tone.

Network Feature

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



Indicates network dependent feature.

During a Call

Hold/Multi Party Calls

You can hold current call, call new number, swap back or join them together. This service may not be available in all networks. 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.

When you end this call, press **No**, otherwise the held call will be ended after 10 seconds.

Menu



Menu Principles

Your phone and network are equipped with many features which enable you to realise the full benefits of mobile telephony. You may set up and control these features via your Menu (your soft keys provide routine control).

The following chapter describes features available in normal stand-by state, Menu key also enables special features in other states (eg when in PhoneBook).

If in Doubt

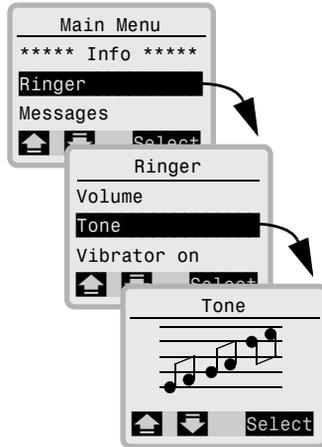
Pressing  key also accesses the 'electronic user guide'. Helpful information, relevant to each situation can be shown by:

Scrolling and selecting

***** Info *****

when it is offered.

Selecting an entry from Menu leads to sub menu, and in some cases to lower level.



Short Cut

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



2 1 1 will select your Message list.

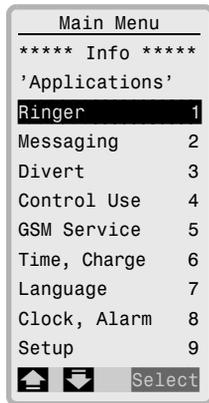


Menu

Menu Use



Press to open Menu.



... to highlight required function, then ...



Press

You will be offered further choices, followed by simple options (Set, Clear, On, Off, OK, etc.).

Other Menu 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).

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

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

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

'Applications' (optional)



Your Operator may offer special applications (SIM Application Tool-Kit). These can include Banking, Booking, Information Services etc.

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



will appear on a softkey enabling instant access.

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

Ringer 1



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

Ringer
Volume
Tone
Vibrator

Ringer (On/Off/Beep)

Switching off your ringer also switches off your Message alert. Ringer 'Beep' will minimize disturbance.

Volume and Tone

You may adjust these to your personal preference. In addition to 'normal' calls, you can set different tone and volume for calls matching your Red PhoneBook, incoming SMS and also for the Alarm function (see p. 13 and 42).

Vibrator

If you have a Silent Alert (Vibrating) Battery (see p. 46), you can switch Vibrator function on/off.



Messaging 2

Your phone supports the following messaging services.

Your Operator will advise you concerning service availability and conditions.

Text Message
Voice Message
Missed Calls
Local Broadcast
Broadcast Setup

Text Message

Your phone can receive and send text messages.

Reading a Text Message

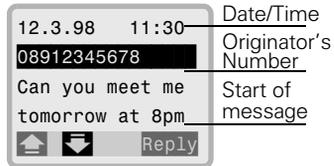


will appear in your display when a new message is waiting.

To see message:



Press



Press to scroll through message

Deleting Message

At end of 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.

Messaging 2



Message List



Select **Messaging**, then **Text Message**.

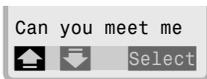


Press



Press

* shown in front indicates message has not been read. Your message list also contains messages you have sent, to see these:



Press



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.

Sending Text Messages

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

- Writing totally new message.
- Replying to message.
- Sending on message you have received.
- Editing message you have received or stored.
- You may manage your messages via a PC using Infra Red communication (see p. 44).



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



Messaging 2

Writing New Message



Select **Messaging**, then **Text Message**.

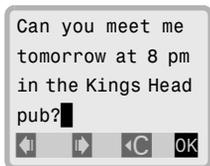


OK Scroll and select **Create New** from submenu.



Write Message using alphanumeric keypad (see right).

When your message is complete:



Press



Select from PhoneBook or enter number.



Confirm.
Continued overleaf

Writing Letters

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



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



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



Press to switch between UPPER- and lower case letters.



Press to create space.

123

For numbers first step through letters.



Controls cursor position.

Other characters



+ 0 - . , : ; ' "

? ¿ ! ¡ ¨ _



* / () < = >

% & \$ £ \$ ¤ ¥ @



Γ Δ Ξ Λ Ε Π Σ

Φ Ψ Ω



Further options are available using Editing Menu, (see p. 27).

Messaging 2



To Send

Send Press

or



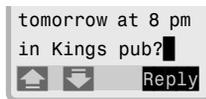
(Enter Service Centre Number if requested).

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

- If your message is not sent, you are offered **Repeat**. If this fails, check that your Service Centre is correctly set and that the destination phone is compatible (see p. 28).
- 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. 28).

Replying to Message

View message, including from your list.



Press



Select type of reply:
Answer is YES / NO, plus your number is added to message.

Sending on Text Message

View message.



Press (if no number is highlighted)

or



Press, select **Send Text**.

If you are offered wrong destination number, delete it with **⌫**.



Select from PhoneBook or dial number.

OK, **Send** Press.

You may also edit message and send it back (see p. 27).

OK, **Send** Press.



Messaging 2

Editing Message

View message, including from your list.



Press and select **Edit text**.



Confirm.

Cursor appears, use same procedure as for writing new message (see p. 25).



Press when editing is complete.

If you are offered wrong destination number, delete it with **⌫**.



Select from PhoneBook or dial number.



Confirm.

Editing Menu

Whilst writing or editing a message, other options are available.



Press and select from Editing Menu.

Insert Newline

Send Text

Save text

Clear Text

Space remaining

Re-Usable Messages

I regret I shall
be XX minutes
late for meeting
Apologies. Peter



You may find it useful to keep list of 'standard' messages, which can be routinely edited and resent.

You can create messages yourself, or edit messages sent by others.



Messaging 2



Message Settings

It may be necessary for you to set your Message Service Centre number, there are also some further settings:



Select **Messaging**, then **Text Message**.



OK Scroll and select **Settings**.

- Service Centre**
- Message Type**
- Validity Period**
- Delivery Report**
- Direct Reply**

Service Centre

Enter or change Centre number advised by your Operator.

Message Type

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

Standard text
(normal setting)

Telex

Fax

E-mail

X400

New

(enter the supplied code number)

Validity Period

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.



Messaging 2

Voice Message



This network service is similar to an answerphone, but operates even when your phone is off or unreachable, ensuring you can be contacted at all times.

It 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.

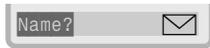
Voice Message Indication

A waiting message may be indicated by one of following:



Press to hear message

or



Press to read message

or

You may be advised by a phone call/recorded announcement.

Hearing Message

You will need to call your Service Centre, using 'calling' number provided by your Operator (or by using **OO**).

Saving Voice Message Number

You should set this number in your Messaging menu.



Select **Messaging**, then **Voice Message**.



Enter above number (also appears in Phone-Book). If you need to enter a password, you may find it helpful to include this, (see "DTMF Control Codes", p. 14)

Whilst you can call this number using **OO**, it will be quicker if you set 'Fast Dial' function (see p. 7), or use the Short Code dialling (see p. 14).

Note it may be necessary to call a different number when outside your home Network/Country.



Messaging 2



Setting Voice Message

To set Voice Messaging manually, you must Divert unanswered calls to your Voice Service Centre (number provided by your Operator).



Select **Divert**, then **All Unanswered** (for other conditions see p. 33).

Set

Press



Enter supplied number.

Missed Calls



When you fail to answer incoming calls, you are alerted. When the numbers are known, the last ten can be retrieved through this menu.

Local Broadcast

Your Operator may offer a Cell Broadcast service, where information can be broadcast within specific cells. A range of services including traffic, weather, etc. is being developed.

Local Broadcast on/off



Select **Messaging**, then **Local Broadcast**

On

Switch on.

You should receive normal information channel, please check with your Operator.

The first two lines of broadcast will appear in your standby display, if longer it will scroll automatically. The message will be replaced every time there is new broadcast on this channel.



You may call or save highlighted number, as with SMS messages (see p. 24).



Messaging 2

Broadcast Setup

You may set which channel (information service) you receive (10 maximum).



Select **Messaging**, then **Broadcast Setup**.

When you initially select this you will be offered a list of standard service channels you may choose from.

Note, that service availability may be limited.

Select **Index** to see services actually broadcast by your Operator. To subsequently change your selection:



Press a second time to access Broadcast Menu offering:

Activate/Deactivate Entry

You can activate/deactivate an existing entry. You may alternatively use

On/Off in Broadcast Setup list.

New Entry

Select required broadcast from standard list.

You may alternatively select **New** and enter a code number obtained from your Operator.

Edit Entry

You can replace an existing entry by another.

Delete Entry

You can delete an entry from your list.

Set Language

If unsuitable, you may be able to change it.

Auto Display

Newly transmitted broadcasts are normally displayed automatically, you may switch this off, and retrieve broadcasts from selected channels.

Display indications:

- ▶ Indicates selected channel.
- * Indicates broadcast available on selected channel.



Divert 3



This network feature diverts (or forwards) calls to another phone or your Voice Message Centre. You can control this, also the situations in which calls are diverted.

**All Unanswered
All Calls
Specific Divert
Status check
Clear all Div.**

To Set Divert

For most applications 'Divert all Unanswered Calls' is the only setting required, hence it is used as an example.



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

Set

Press.



Enter phone number you wish to divert to.

can be used.

Enter Voice Message number, if preset (see p. 30).

OK

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

If you cannot set this divert, it may be possible to set other conditions, see below

Divert on will briefly appear after every call, as a reminder.

To Clear Diverts



Select **Divert**.

For all diverts:

Clear all Div. select.

For specific diverts, select condition

Clear Press

To Reset Divert

The last divert destination is memorized. Select condition and

Set Press.

To Change a Divert No.

Select and set condition.



Press.



Enter new number.

Set

Press.



Divert 3

To Check Divert Status

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 (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**.

For all diverts:

Status check select.

For specific diverts (including destination) select condition:



Press again.

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

Divert Conditions

Divert all Unanswered Calls

This general setting includes, 'IF NOT REACHABLE, IF NO REPLY, IF BUSY' see below.

Divert all Calls

No calls will be received by your phone.

'Specific Divert' Menu

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).

Divert if Busy

Calls are diverted when your phone is Busy. This condition overrides 'Call waiting'.

Divert all Fax Calls

Incoming Faxes can be diverted to a convenient Fax Machine.

Divert all Data Calls

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



Control Use 4



You can avoid unwanted use by setting Auto Keylock or Call Screening.

Special codes are required to protect against unauthorised use.

Key Lock
Call Screening
Limit Phone
PIN Control
Loan Phone
NetworkBarrings
Prevent new SIM

When you select a restriction, you must enter one of the following:

PIN

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

PIN 2

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

PHONECODE

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

PASSWORD

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



You are allowed only 3 attempts to enter correct code, the function will then be locked.

Ensure that the codes are kept securely! If they are mislaid, see 'TroubleShooting' on (see p. 48).

Controlling Call Restrictions



Select **Control Use**.



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



Enter correct code.

Press to set or clear restriction.



Control Use 4

Key Lock (no code)

Set this to prevent accidental use. When phone is closed, all keys are inactive. Keys will relock after no use for 1 minute. Calls can still be answered.

If Key Lock is on:



Slide open or close phone to unlock or lock keys.

If Key Lock is off:



Press short to unlock or lock keys.

Note: A long press will switch off!

Call Screening (no code)

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

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



Will be displayed when set.

Limit Phone

All excluding last 10 Calls (PHONECODE)

Calls can be restricted to your Redial list.

If you want to restrict calls to one or two numbers, or to change your Redial list:



Press to see 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.



Control Use 4



Limit Phone

Allow only

(PIN2 or PHONECODE)

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.

- PIN 2 Control
(*  Fixed Dialling Number)

Certain SIM cards will enable above restriction in a special SIM memory (* ). This is controlled by PIN 2, and could already be set, limiting your phone for business use (see "Alternative Phone-Book Memories", page 15).

- PHONECODE Control

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

PIN Control

PIN On/Off

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).



Enter the current PIN

Change

press **Change** instead of **OK**



Enter the new PIN

You will be asked to repeat this.

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

Loan Phone

(PHONECODE)

This sets 'Prevent new SIM' making the phone valueless to a thief. It also resets and protects call timer enabling check on usage.



Control Use 4

NetworkBarrings

(PASSWORD)

The type of calls made via your SIM can be controlled in Network. PASSWORD can supply your Operator.

All Calls Out

Emergency 112 calls possible.

Out International

Only national calls possible.

Out Int. excl. to Home country

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

All Calls In

All incoming calls are barred.

All Calls 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 Barring

Clearing of certain Barrings may not be allowed by your Operator.

Prevent new SIM

(PHONECODE)

Set to prevent use of a different SIM card. If you report the loss of your phone (see p. 51) your SIM will be blocked, and no other SIM can be used.



GSM Service 5



Network Info
Change Network
Auto Network
Operator List
Preferred Netw.
Call Waiting
Conceal ID
FAX/Data Mode
User Group

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 Netw.

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. 18.



GSM Service 5

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.

FAX/Data Mode

You may check set up, and set specific service conditions. One is for sending or receiving 'Speech followed by Fax', the other for receiving Data calls (if there is only a single number available). Please see instructions provided with SoftDataLink (see p. 46).

(Closed) User Group

Your Operator may offer this service enabling groups of users (eg a Business) to benefit from closed internal communications. You may be able to obtain service outside your assigned (preferred) Group.

Select Group enables selection of other groups, you may be able to enter a new group to this list.

Outgoing Access may be available to you, security code protected.

Please contact your Service Provider for details.

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

Time, Charge 6



Last Call
Total Calls
Combined In/Out
Auto Display
1 Minute Beep
Charge Rate
Charge Limit

Last Call

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

Total Calls

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

Combined In/Out

If set, your 'Total Calls' will include both outgoing and incoming calls.

Auto Display

Set this to see elapsed time during a call, the call time will also appear briefly after each call. Related charge is shown, if this is programmed.

1 Minute Beep

Select to hear a reminder beep every minute.

Charge Rate



If your network supports 'Advice of Charge', and you are registered for it, you will see number of units used. You can program cost per unit, and your phone will calculate and display the associated charge.

If units are not communicated (eg another network), it will display time.

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

Charge Limit



Your phone can be set to suspend service after a predetermined number of units have been used. This requires a special SIM, with a second PIN (PIN 2). The limit can be adjusted, reset or switched off.

Your Service Provider may use this feature to enable instant and possibly prepaid service.



Language 7

Automatic
English
Deutsch
Italiano
Francais
etc.

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



Clock, Alarm 8



Alarm On/Off
Alarm Set
Auto On/Off
Clock On/Off
Clock Set

Alarm On/Off

Setting the alarm automatically switches it on, but you can switch on/off independently.



Select **Clock, Alarm**, then **Alarm Set**

Alarm
31.12.1998
23:45
Change OK

Press

either

Enter date
(day/month/year).

or

Select.
 Enter alarm time
(24 hour clock).

You are invited to write a reminder memo:

Write memo (see p. 25).

or



You may insert a Phone-Book number, which will be displayed, at set time (for calling).



will appear in your stand-by display when alarm is set.

Your alarm will sound even with the phone switched off. Any key will silence it. You may also select **Pause**, providing a five minute pause.



Clock, Alarm 8

Auto On/Off

You can set your phone to switch on and off at specific times.



Select **Clock, Alarm**, then **Auto On/Off**

Change Press.

either

Time: Press to change from Manual setting.



Enter 'On' time, then 'Off' time (24 hour clock).

or

Manual Select to switch manually on or off.



'Auto On/Off' must be switched off in aircraft.

Clock Set



Select **Clock, Alarm**, then **Clock Set**

Change Press.



Enter date (day/month/year).



Enter time (24 hour clock including seconds).

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

Setup 9



Infrared (On/Off)
ProSLIDE funct.
Key Use
Service Tones
Own Greeting
Power Save Mode
Display
Master Reset
Phone Status

Infrared On/Off

Switch on to enable IrDA communication with a PC, SMS, Data, Fax and PhoneBook control can be managed, subject to software.

To use, point your phone at the Infrared window on your PC or on your IrDA accessory.

Less power will be used when Infrared is off.

 Indicates that IrDA is activ.

ProSLIDE funct.™

In automatic mode, sliding open will answer calls, closing it will end them. You may switch this function off.

Key Use

Key Sound

Type of sound, or silent.

Any Key Answer

Enables answering with any key (except .

Service Tones

You can switch on/off audible signals indicating:

- Connection to the Network.
- Message Arrival
- Connection after dialling.

Your 'Low Battery' warning cannot be switched off.

Own Greeting

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



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



Setup 9

Power Save Mode

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

Display

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

You can also adjust display colour to your personal preference.

Master Reset

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

Phone Status

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



Accessories



The following approved Accessories are available.

Use of non approved Accessories can invalidate your warranty may be dangerous, and can be illegal.

Replacement Battery

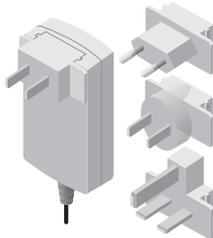
Lithium Ion 550 mAh, identical to that supplied with phone.

Silent Alert Battery

This Lithium Ion 1100 mAh Battery contains a vibrator to alert you silently. It operates when ringer is switched off (see p. 22).

Travel Charger

A compact and versatile Charger, using 90 - 270 Volts power. Connection pins adapt to fit all international power sockets.



Desk Top Charger

This dual slot unit charges normal or extended battery in addition to phone. Indicator light shows which is being charged.

Unit connects to Standard, Travel or Car Charger.



SoftDataLink

This enables your PC to handle Data, Fax, SMS and PhoneBook using Infrared link.

Accessories

Passive Cradle/Belt Clip

This enables secure and convenient siting of your phone in a car. When fixing it, ensure it does not interfere with vehicle operation, including airbags.



Car Charger

This simply plugs into the cradle, and cigarette lighter socket (12V).



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. Repeat switching on and off.
	Battery replacement	Briefly recharge.
Charging defect (no display indication)	Empty battery	Charge for half an hour, disconnect and charge normally.
	Temperature exceeds - 10 °C to + 45 °C range	Adjust and allow time
	Battery defective	Replace it, after several years average use a gradual decline may be expected.
Contact problem	Check mains socket, and connection to phone.	
SIM error	Damaged SIM card	Make visual check. Return SIM to your Service Provider.
	SIM contact dirty	Clean SIM and phone contacts with a dry cloth.
	SIM card not correctly orientated	Ensure SIM is correctly orientated.
PIN error	3 incorrect entries	Enter MASTER PIN (PUK), supplied with your SIM as instructed. If your MASTER PIN or PIN are lost, call your Service Provider.
Slow connection to network	Power Save Mode	Switch off 'Power Save' (see p. 45).

Trouble Shooting

Problem	Possible Causes	Possible corrective measures
No connection to network	Weak signal	Move higher, to a window or open space.
	Outside GSM coverage area	Check Operator coverage map.
	SIM not valid	Call your Service Provider.
	New network not authorized	Try selecting manually, or try other network (see p. 38).
Phone loses network	Weak signal	Reconnection, or connection to another Operator is automatic. Switching off and on may accelerate this. Connection will be quicker if 'Power Save' is switched off (see p. 45).
Calls not possible	Dialling error	Use full national area code.
	All calls barred	Check (PASSWORD needed to clear.)
	New SIM fitted	Check for new restrictions.
	Charge limit reached	Call your Service Provider, or use PIN 2 to reset.
Certain calls not possible	Closed User Group selected	Switch off function.
	Call restriction set	Restrictions may be set by your Operator. Check restrictions, (see p. 34).
Cannot write in PhoneBook	Number has more than 20 digits	Check number.
	Call restriction set	Check "Allow only  " (see p. 36).
Cannot find PhoneBook	PhoneBook is full	Edit it (see p. 12).
	SIM has been changed	Refit original SIM.
Voice message not working	Divert not set	Set divert (see p. 32).
 continues flashing	Message store full	Delete a message to make room (see p. 23).

Trouble Shooting

Problem	Possible Causes	Possible corrective measures
Cannot send a message	Operator does not support this service	Check with your Service Provider.
	Service Centre and message type not set	Set Service Centre (see p. 28).
	Destination does not have compatible phone.	Check.
Cannot set a function	Not supported by your Operator, or registration required	Call your Service Provider.
PHONECODE error	3 incorrect entries	Call your Service Provider.
PASSWORD error	Service not authorised	Call your Service Provider.
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.

Service

If your phone appears faulty, please check Troubleshooting above.

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

Siemens Service

If you require assistance, Siemens runs a world wide Service organisation, please see enclosed blue card. In addition Service, 'Hotline' numbers and other information is available on Internet. Please consult: <http://www.siemens.de/pn/cp/index.htm>

Looking after your Phone

Important

The following details will 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

Licensing

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

- 89/336/EWG
"Electromagnetic compatibility",
- 91/263/EWG CTR 19 and CTR 20
„Telecommunication terminal equipment directive“
- 73/23/EWG
„Low voltage directive
- EN 60825-1:1994. Class 1 Laser Product

 confirmed by the CE label.

Care of Your Phone

- To clean, use a damp, or anti-static cloth, 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 (temperatures can exceed 60°C).

Care of Your SIM Card

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

Technical Specification

GSM Class 4 (2 Watt)

Mobile Phone

Frequency Range

890 - 960 MHz

Weight 138 gm,

Size 127 x 49 x 26 mm
(121 cc)

Standby Time up to 40 h

Talk Time up to 3 h

Innovatron Patent



Index

A		H	
Accessories	46	Hold Call	19
Answering a Call	9	I	
Auto Display	40	International Dialling	5
B		J	
Battery	3, 46	Join	19
C		K	
Call Screening	35	Key Sound	44
Call Waiting	18	Keypad Lock	35
Change Network	38	L	
Charge Rate	40	Licensing	51
Charger	46	Limit Phone	35
Charging Time	3	Loan Phone	36
Checking Phone Number	12	M	
Closed User Group	39	Making Calls	4
Combined In/Out	40	Master Reset	45
Cradle	47	Menu	
Cursor Control	11, 25	Controls	21
D		Principle	20
Data/Fax Calls	9	Short Cut	20
Diacritic Marks	11, 25	Message List	24
Dialling		Microphone on/off	17
from PhoneBook	10	Minute Beep	40
with Keypad	5	Missed Calls List	6
Divert Conditions	33	Multi Party Calls	19
DTMF Control Code	14	N	
During a Call	16	Network	
E		Barring	37
Editing Menu	27	Connection	4
Electrostatic Charges	51	Information	38
F		Network List	38
Fast Dialling Keys	7, 8	O	
G		Own Greeting	44
GSM Service	38		



Index

P

PASSWORD error	50
Phone Memory	15
Phone Status	45
PhoneBook	
Calling from	10
Changing Entries	12
Checking Capacity	16
Deleting Entries	12
Memories	15
Remote Control	16
Restrictions	16
Storing in Alternative	15
Writing in	10
PIN	4
PIN 2	34
PIN Control	36
PIN error	48
Preferred Network	38
Prompt	6
PUK	48

R

Received Calls List	6
Red PhoneBook	13

S

Service Tones	44
Services PhoneBook	16
Siemens Service	50
Silent Alert	22
SIM Card	3
SIM error	48
Swap	19

T

Talktime	3
Text Message	
Deleting	23
Life	28
Reading	23
Replying	26
Sending	24
Type	28
Writing	25
Textmessage	
Deleting	23
Editing	27
Time/Charge	40

U

Unwanted Calls	9
Usage Time	3

V

Volume Control	17
----------------------	----

W

Weak signal	49
Writing Letters	11, 25



Notes





Notes

