SIEMENS

Be inspired

ME45

ME45

Siemens ME45

01.09.2001   09:18
SMS   Menu

SIEMENS

Contents

All radio transmitters are subject to restrictions such as:

Switch off in hospitals or in the vicinity of medical devices, e.g. pacemakers or hearing aids. Mobile phones can interfere with the function of these devices.

Always use the handsfree kit for calls while driving (p. 92)!

Mobile phones must be switched off at all times in an aircraft. Prevent accidental activation (p. 63).

Switch off near petrol stations, fuel depots, chemical plants or blasting operations.
Mobile phones can interfere with the operation of technical installations.

Do not examine the active infrared interface [Class 1 LED product (classified according to IEC 60825-1)] using optic magnification devices.

The ring tone is reproduced through the earpiece. To avoid damage to hearing, first accept the call, then hold the phone to the ear.

SIM card may be removed. Caution: small parts could be swallowed by children.

The mains voltage specified on the power supply unit must not be exceeded.

We recommend you use only original Siemens batteries (100% mercury-free) and charging devices. Otherwise considerable health risks and damage to the product cannot be excluded.

Neither the phone nor the battery (100% mercury-free) may be opened under any circumstances. Changes to this device are strictly prohibited, as they will invalidate the type approval criteria required for operation of the unit.

Please note:

Dispose of used batteries and phones according to the legal regulations.

Mobile phones can interfere with the operation of nearby TVs, radios, PCs.

We recommend you use only original Siemens accessories to avoid possible damage and to comply with the existing regulations.

Improper use invalidates the warranty!

Loudspeaker

Display indicators

Signal strength/
battery level.

Menu navigation key

see (p. 5)

Enter keys

Digits, letters.

Service Provider
02.05.2002 12:30

Menu

Integrated antenna

Do not interfere with the
phone above the battery
cover unnecessarily.
The signal strength will
be reduced
(integrated antenna).

Microphone

$\oplus$ $\ominus$ **- Keys**

• During a call:
  Volume loud - quiet.
• In menus and lists:
  Scroll up and down.
• In standby mode:
  $\oplus$ displays current
  profile.
  $\ominus$ Hold **down:** voice
  control.

Dictation key

Hold **down**:
Start the recording.
Press **briefly**:
Play back the recording.

Infrared interface

(IrDA e.g. for PC/PDA
communication).

Device interface

Connection for charger,
headset etc.
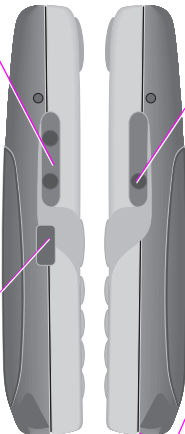
Soft keys

The current functions of these keys are displayed in the grey fields as text or icons. These keys display the "quick selection" in standby mode (factory default: 📖) or e.g. 🔲 (SIM service) and Menu.

Call key 📞

Select displayed phone number or name, accept calls. Display last calls in standby mode.

✳ Hold **down**.

In standby mode

Switches signal tones on and off (except alarm).

For text entry

Language: Select T9 language.

abc/Abc/ABC/123: enter lowercase or UPPERCASE, letters/digits.

📖 **Menu**

Key
• ▲ •
◄ ►
▼
📞	ⓞ
1∞	2abc	3def
4ghi	5jkl	6mno
7pqrs	8tuv	9wxyz
✳	0+	#

On/Off/End key ⓞ

Press briefly:
End call/application or return to standby mode.
In menus: menu level back.

Hold down:
Switch on/off phone (in standby mode).

Menu navigation key

In standby mode

⬆⬇ **Addressbook or Phonebook**.

◄► Voice control (long).

▲▼ Menu.

◄► GPRS Info-Menu.

In lists and menus

▲▼ Scroll.

◄► Select a function.

◄► Menu level back.

SMS and Calendar

◄► Move cursor.

▲▼ Scroll.

Key lock

To switch on and off:

Hold **down**.

OK Confirm (switching off only).

General instructions

The User Guide

The following symbols are used:

🖐	Enter numbers or letters.
⚪⃝	On/Off/End key. Hold **down** key: Go back to standby mode. In standby mode, switch off device.
✆	Call key.
◁△▷▽	Press menu navigation key on the side indicated.
Menu	Displays a soft key function.
⌁!	Function depends on the service provider, special registration may be necessary.

Steps for menu access in the user guide, e.g.:

Menu ➔ **Audio** ➔ **Volume**

The procedure above corresponds to:

Menu	Press soft key.
◁△▷▽	Scroll to **Audio**.
◁△▷▽	Select **Audio**.
◁△▷▽	Scroll to **Volume**.
◁△▷▽	Select **Volume**.

Menu control

The menus provide access to functions, network services and individual settings.

Main menu

To reach the main menu from standby mode at any time, press:

Menu right soft key

or

◁△▷▽ right menu navigation key.

Menu control

◁△▷▽	Use the menu navigation key to scroll through the menus.
◁△▷▽	Select a submenu or a function.
◁△▷▽	Go back one menu level (or press ⚪⃝ **briefly**).

Option menu

In other situations (e.g. when the Addressbook/Phonebook is open), a corresponding option menu appears:

Options Press.
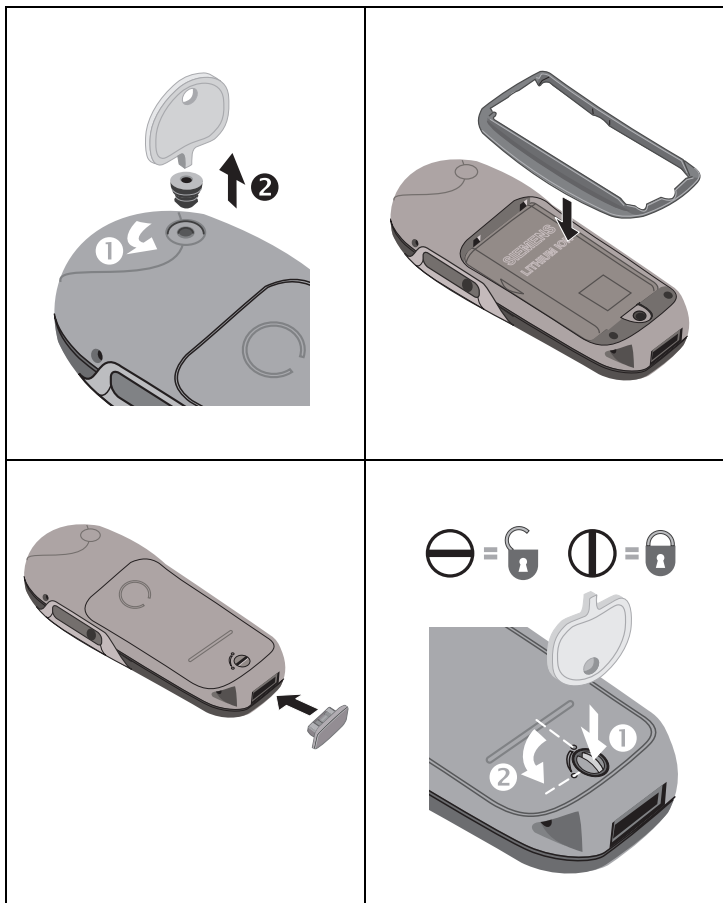
Insert SIM card/battery

The service provider supplies you with a SIM card on which all the important data for your line is stored. If the SIM card has been delivered in credit card size, snap the smaller segment out and remove any rough edges.

- Use the enclosed disc to unscrew the cover ❶. Then remove the cover ❷.
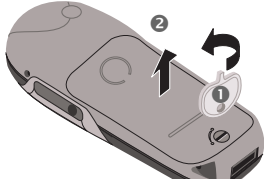
- Lift battery at the cutout on the side of the phone ❸, then tilt upwards and remove.

- Insert SIM card in the opening and push gently until it engages ❹ (make sure the angled corner is in the correct position ❺, contacts pointing downwards).
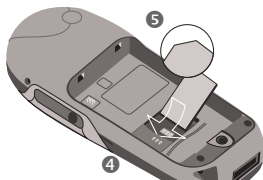
- Insert battery into the phone sideways ❻, then press downwards ❼, until it engages.
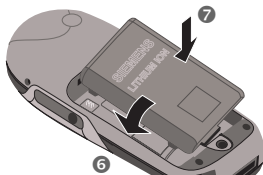
- Insert cover as shown ❽. Then press downwards, until it engages ❾.
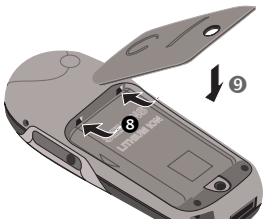
Screw the cover back on with a quarter turn ❶.

Only 1.8 V and 3 V SIM cards are supported. Older SIM cards (5 V technology) cannot be used. Please contact your service provider if you have an older card.

Charge battery

The battery is not fully charged when delivered, so:

• Plug in charger cable at the bottom of the phone and plug in the power supply unit to the mains power socket (only use the charger supplied; charge for at least two hours).

If the battery is totally discharged, no charge icon is displayed at the beginning of the charging process.

If this is the case, leave the charger cable plugged in. The charge icon will appear after a maximum of 2 hours. The battery is then automatically charged.

• Push the sides of the charger cable plug together and pull to remove it.
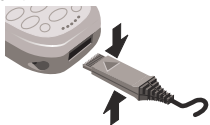
Functions without SIM card

The phone is switched on **without** the SIM card:

   Menu   Press soft key.

All the functions that can be used without the SIM card are displayed. You will find a description of the functions in this user guide.

   SOS   Emergency number, SOS (page 10).

Charging

The following is shown at the top of the display:

    When charging is in progress.

    End of charging.

An empty battery is fully charged after about 2 hours. Charging is only possible in an ambient temperature of 5 °C to 40 °C (the charge icon flashes as a warning when the temperature is 5 °C above/below).

The voltage specified on the power supply unit must not be exceeded.

Standby time

A fully charged battery provides 60 to 300 hours of standby time or 100 to 360 minutes of talk time. The standby times/talk times are average values and depend on the operating conditions (see table below).

Charge level display:

Fully   Empty
charged

A beep sounds when the battery is nearly empty.

Quality declaration for batteries page 91.

Operation carried out	Time (min)	Decrease of standby time
Calling	1	30 to 60 minutes
Display back light *	1	30 minutes
Network search	1	5 to 10 minutes
* key input, games, organiser etc.		

Switch on, off

📵 Hold **down** On/Off/End key to switch on or off.

Enter PIN

The SIM card can be protected with a 4 - 8 digit PIN.

🔢 Enter your PIN code using the digit keys (shown as a series of asterisks; if you make a mistake, press **Clear**).

```
┌─────────────────────────────┐
│   ○         Please enter     │
│  ○          your PIN:        │
│   ○           * * * *        │
│                              │
│   Clear          OK          │
└─────────────────────────────┘
```
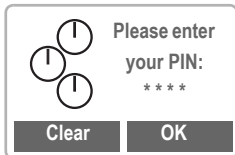
OK Confirm input with the right soft key.

Logging on to the network will take a few seconds.

```
┌─────────────────────────────┐
│  ▶▶▶▶              ▯━━━       │
│                              │
│       Service Provider       │
│                              │
│  📖              Menu        │
└─────────────────────────────┘
```
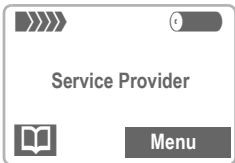
When the name of the service provider appears on the display, the phone **is in standby mode** and **ready for use**.

Set the display contrast

You may be prompted to adjust (page 70) the display contrast when switching on your phone for the **first** time.

Emergency number (SOS)

By pressing the left soft key **SOS** , you can make an emergency call on any network without a SIM card and without entering a PIN. **This must only be used in real emergencies!**

PIN problems

If the PIN is entered incorrectly three times, the SIM card is barred (page 88).

Activate, deactivate PIN control or change PIN (page 12).

SIM problems

If **"Please insert your SIM card"** is displayed, check for faults (page 86).

Setting: Phonebook or Addressbook

📖↔📖

You can choose whether you want to use the Phonebook on the SIM card or the internal Adressbook as standard.

You can copy the SIM card Phonebook to the Addressbook on the phone. Please do not interrupt this procedure. Do not accept incoming calls at this time. Follow the instructions on the display.

To copy the data on the SIM card later, use the **Copy all to** 📄 function in the Phonebook menu (page 23).

Network connection

▶▶▶▶▶ Strength of incoming signal.

▶ ›››› A weak signal reduces the call quality and may lead to loss of the connection. Change your location.

If you are outside your "home network" your phone automatically selects a different GSM network (page 74).

SIM services

▯▮▮▮▯ Symbol for special applications on the SIM card (page 44), e.g. banking (depending on the service provider).

Aircraft check

If you have deactivated the PIN check (see page 72), you must confirm that you want to switch on the phone.

This is to prevent the phone from being switched on inadvertently, for example while you are in an aircraft.

🔘 **long** press.

> **Aircraft check**
> Please confirm switch on
>
> **OK** **Cancel**

OK Select:
The telephone switches itself on.

Cancel Select or no action:
The power-on operation is cancelled and the phone does not switch itself on.

The phone and SIM card are protected against misuse by several security codes and should be treated with the same care as a cheque guarantee card.

Keep these confidential numbers in a safe place where you can access them again if required.

PIN	Protects your SIM card (personal identification number).
PIN 2	This is needed to set the charge detail display and to access additional functions on special SIM cards.
PUK	Key code. Used to unlock SIM cards after the wrong PIN has been entered.
Phone code	Protects your phone. Must be entered at the first security setting (4 - 8 digits).

Menu ➔ **Setup** ➔ **Security** ➔ then select a function:

Codes

PIN control

The PIN is usually requested each time the phone is switched on. You can deactivate this feature but you risk unauthorised use of the phone.

Some service providers do not permit this function.

Change PIN

You can change the PIN to any 4 - 8 digit number (i.e. a number you may find easier to remember).

    ⌨ Enter **old** PIN.

    OK Press.

    ⌨, OK Enter **new** PIN.

    ⌨, OK Repeat **new** PIN.

Change PIN2

You can change the PIN 2 to any 4 - 8 digit number (displayed only if PIN 2 is available).

Proceed as with **PIN**.

Chg.phonecode

You define and enter the phone code when you call up a phone code protected function for the first time. It is then valid for all functions.

You can change it to any 4 - 8 digit number.

Dialling with number keys

The phone must be switched on (standby mode).

📲 Enter the number (always with prefix, if necessary with the international dialling code).

Clear A **short** press clears the last digit, a **long** press clears the entire number.

▸🕮 Store phone number in the Addressbook (page 19)/ Phonebook (page 23).

📞 Press the call key. The phone number displayed is dialled.

International dialling codes

Many international dialling codes are stored in your phone:

(0 +) Hold **down** until a "+" symbol appears. This replaces the first two digits of the international dialling code.

+List Press.

Select the required country. The international dialling code is displayed. Now add the national number (in many countries without the first digit if it is a zero) and press the Call key.

End call

📞 Press the End key **briefly**. The call is ended.

Press this key even if the person on the other end of the line has hung up first.

Accept call

+498912345

Reply   **Reject**

The phone must be switched on (standby mode).

Reply Press **or**

📞 press.

Calls can also be accepted by pressing any key (page 71).

Reject call

Reject Press **or**

📞 press **briefly**.

Divert Diverts the caller e.g. to the mailbox if **Busy** is set (page 47) and "call waiting" (page 15) has been activated.

When a number is busy

If the number called is busy or it cannot be reached because of network problems, the following options are available (depending on the service provider):

Either

Auto redial previous numbers

Auto dial Press. The number is automatically dialled for up to 15 minutes at increasing intervals. During this period, no other number can be dialled. To end:

   🔚 End key.

or

Call back   🔊❗

Call back Press. Your phone rings when the busy number is available. The number is dialled with the Call key.

Reminder

Prompt Press.
A beep reminds you to redial the phone number after 15 minutes.

Any other call ends the function.

Redial previous numbers

To redial the phone number **last** called:

   📞 Press the Call key **twice**.

To redial other numbers that were dialled previously:

   📞 Press the Call key once.

   🎛 Pick out the required phone number from the list, then press ...

   📞 ... to dial.

Options Call lists (page 45).

  📖 Store phone number in the Addressbook (page 19)/ Phonebook (page 23).

The numbers of calls that have been received, dialled or missed are stored for call back purposes (page 45).

An incoming call will interrupt any other use of the phone.

Functions during the call (page 15).

Switch off ringer for the current call (but not if "Any key answer", page 71, is active):

   ✳ Hold **down**.

The call is displayed. The caller hears the dialling tone.

During a call

Call waiting   ⊲8!

You may need to register for this service
with your service provider and set your
phone accordingly (page 76).

During a call, you may be advised
that there is another call waiting. You
will hear a special tone during the
call. You have the following options:

Swap

Swap   Accept the waiting call
         and place the current call
         on hold.

         To swap between the
         two calls, press Swap
         each time.

Reject

Reject   Reject the waiting call.
         The caller will hear the
         busy tone

         or

Divert   if this is set, the caller
         will be diverted to the
         mailbox for example
         (page 47).

End current call

🔘   End the current call.
Reply   Accept the new call.

Set volume

⊕ ⊖   You can adjust the hand-
         set volume with the keys
         on the left-hand side of
         the phone.

If a car kit is used, its volume setting
does not affect the usual setting on
the phone.

Dictating mach.

To play back a recording (the person
on the other end of the line also
hears it), press the key on the **right-
hand side** of the phone **briefly**.

To record the call (page 49), hold
down the key on the **right-hand
side** of the phone.

The use of this feature may be subject to
restrictions under criminal law or other legal
provisions. Please inform the other party to
the conversation in advance if you intend to
record the conversation and please keep
such recording confidential. You may only
use this feature if the other party to the
conversation agrees.

Phone number memo

You can enter a number with the
keypad during a call. The person on
the other end of the line can hear the
number being entered. It can be
stored or contacted after the current
call has ended.

Swap/Conference   ◁8!

Some functions may not be supported by your service provider.

You can call another number during a call.

You can swap back and forth between both calls or link all callers together in a conference.

During a call, inform the other party of your intention, then:
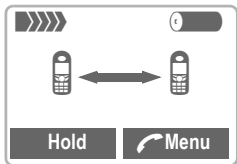
Hold Put the current call on hold.

You can now dial a new number. When the connection is established, you have the following options:

Swap

Swap Swap back and forth between the two calls.

 ☎ End the current call.
The following query is displayed:
"Return to call on hold?"

Yes Return to the held call

or

No The held call is ended.

Conference

☎ menu Open call menu and select **Conference**.

A held call is added (conference call with up to 5 subscribers).

To end:

 ☎ All calls are ended simultaneously when the End key is pressed.

Call transfer   ◁8!

☎ menu Open call menu and select **Call transfer**.

The original call is joined to the second one. For you, both calls are now ended. Note: Not yet supported by all service providers.

Call menu

The following functions are only available during a call:

℩ menu   Open menu.

Handsfree	See right.
Microphone on	Switch the microphone on or off. If switched off, the person on the other end of the line cannot hear you. DTMF signals, however, can be heard. Alternatively: ⁎ Hold **down**. You will hear a DTMF key tone.
Volume	Adjust handset volume.
Conference	(page 16)
Duration/charges	While the connection continues, the call duration and (if set, page 46) the call charges are displayed.
Send DTMF tones	Send DTMF tones, see right.
Call transfer	(page 16)
Main menu	Direct access to the main menu.
Call status	List all held and active calls (e.g. participants in a conference).

Handsfree

Activate, deactivate via the call menu see left.

You can put the phone aside during a call. You then hear the caller via the loudspeaker.

Hold	**℩ Menu**
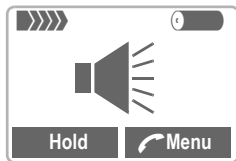
⊕ ⊖   You can adjust the handset volume with the keys **on the left-hand side** of the phone.

> **!** To avoid damage to hearing, always deactivate the **Handsfree function** before holding the phone to your ear!

Send DTMF

Activate via the call menu, see left.

You can enter control codes (digits) during a call so that an answering machine can be controlled remotely. These digits are directly transmitted as DTMF signals.

Control codes (DTMF tones) stored in the Addressbook (page 19)/Phonebook (page 23), can also be entered.

Babysitter

Calls are made to only **one** phone
number that is dialled by holding
down the right soft key.

Switch on

Menu ➔ Setup ➔ Security ➔
     Babysitter

Select Press.

🎫 Enter phone code (see
    instructions below).

OK Confirm input.

Edit Press.

📖/🎫 Select number from the
    Addressbook (page 19)/
    Phonebook (page 23) or
    enter a new one (with
    name). The babysitter is
    now active.

Switch off

(#) Hold **down**.

🎫 Enter phone code.

Edit Press.

OK Confirm input.

Phonecode

When first prompted, you define and enter
the Phonecode (4 - 8 digits)
(e.g. for **Babysitter**)
Please do not forget this code!
It applies to other functions as well but it
may be changed at any time (page 12).

You can store up to 500 entries, each with 3 phone numbers and one fax number, and additional address information in the Addressbook. These entries are managed separately from those in the Phonebook. However you can exchange data between the Addressbook and the Phonebook.

New entry

Menu ➜ **Office** ➜ **Addressbook**

or   if the Addressbook has been selected (page 10) as standard:

⬍   Open the Addressbook (in standby mode).

📖   **Addressbook**   🔍
<New entry>
<Businesscard>
Carol
▸📖   **Select**

◂▸   **<New entry>** Select.

✐ **Abc** **Addressbook**
Last name:
|
First name:
📖▸   **Save**

✍   Enter the first or last name and a phone number (page 20).

⬍   Make further entries field by field.

Last name:	Fax:
First name:	Street:
Company:	Post code:
E-mail:	City:
Phone:	Country:
Phone/office:	URL: (Internet address)
Phone/mobile:	Group: (VIP, see below)

Save   Store the entry.

Group: (VIP)

You should only assign important entries to the VIP group.

You may display VIP entries at the top of the Addressbook (page 21).

You can set your phone so that the ringer sounds only for calls from numbers in the VIP group (page 67).

A call from a VIP entry can be announced by a special melody (page 68).

▸📖	Switch between the address book and the phonebook.
📖▸	Copy data from a different Addressbook entry.

Phone number

Always enter phone number with prefix, if necessary with the international dialling code (page 13).

Text entry

Press digit key repeatedly until the required letter is displayed. The relevant characters are shown in the display. The cursor advances after a short delay.

2abc **Press** once for A, twice for B etc. The first letter in each name is automatically written in UPPERCASE.

Ä,ä/1-9 Umlauts and numbers are displayed after the relevant letter.

Clear Press briefly to delete the letter before the cursor, hold down to erase the whole name.

◄ ► Move the cursor.

✱ Switch between UPPERCASE, lowercase and digits.

Switch T9 on and off.

0+ Write: . , ? ! 0 + - :

1∞ Space.

Special characters

&, @, ... Special characters (page 33).

Read/change an entry

You can access all entries via the address list.

Open the Addressbook (in standby mode).

Select required entry.

View Press to display the entry.

Addressbook

Last name:

Newton

First name:

Edit

Edit The entry is opened for changes.

Make the required changes.

OK Save the setting.

Right soft key

When you jump from line to line while you are reading, the right soft key changes depending on the type of data:

Phone, fax number:
VoiceDial (page 26)

URL: Link (page 37)

Activate the relevant application with the soft key.

Making a call

Open the Addressbook (in standby mode).

Select a name by entering the first letter and/or scroll.

```
📖  Addressbook        🔍
<New entry>
Carol
Daniel
     View       Options
```
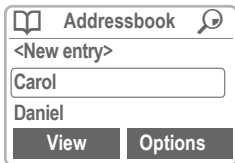
Press. The highlighted number is dialled.

If several numbers are stored in this entry, they are displayed in a list.

Select the required phone number.

Press.

Search for an entry

You can search efficiently through large Addressbooks. When the Addressbook is open, simply type the first couple of letters of the name required.

The first entry that begins with these letters is displayed.

The search letters appear in the upper right-hand corner of the display next to the magnifying glass icon.

Addressbook Menu

The following functions are available depending on the current situation:

Options Open menu.

View	(page 20)
Group sorting	Show the Addressbook as an alphabetical list or with the entries of the VIP displayed at the top (page 19).
Edit	Display the entry for changes.
New entry	(page 19)
Delete	Delete entry.
Delete all	Delete all entries after confirmation.
Copy to SIM	Highlighted entries are copied with name and the selected phone number to the SIM card.
Phonebook	Switch to the Phonebook (page 23) and insert them as standard.
Send/Print...	(see page 84)
Import	(see page 84)
Voicedialling	Start the recording for voicedialling.
Capacity	Display the capacity used and available.

Store control code

You can store phone numbers **and** control codes (DTMF signals) in the Addressbook as standard Addressbook entries, e.g. for operating an answering machine by remote control.

⌨ Dial number.

(0 +) Hold down until a "+" appears on the display (pause for connection setup).

⌨ Enter DTMF signals (digits).

(0 +) If necessary enter other pauses of 3 seconds to ensure correct processing at the destination.

▸▢ Press to copy to the Addressbook and if required assign a name to it.

Save Press.

You can also store the DTMF signals (digits) like a phone number and send (page 17) them during a call.

Extending numbers

Using an external PC program such as Outlook®, parts of a phone number can be replaced by "?" and then transferred to the Addressbook (for PABXs for example). To call:

⊙ Open the Addressbook and select (part of) the phone number.

📞 Press.

⌨ Replace "?" with digits.

📞 Dial number.

Synchronising with Outlook®

You can synchronise your Addressbook with your Outlook® database using Siemens Quick Sync (page 82).

The entries in the Phonebook (SIM card) are managed separately from those in the Addressbook. You can, however, exchange data between the Phonebook and the Addressbook.

New entry

`Menu` ➔ **Office** ➔ **Phonebook**

or if the Phonebook is standard (page 10) ...

(navigation) ... open Phonebook (in standby mode):

```
 ┌────────────────────────────┐
 │ 📖  Phonebook            🔍 │
 │ <Own numbers>              │
 │ ┌────────────────────────┐ │
 │ │ <New entry>            │ │
 │ └────────────────────────┘ │
 │ Carol                      │
 │     ▶📖          Select    │
 └────────────────────────────┘
```
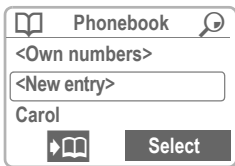
<New entry> Select.

(navigation) Activate input fields.

Make the following entries:

Number: (with prefix)
Name:
Group:
Location: (page 24)
Record no.: (page 24)

`Save` Press to store.

If entries are copied from the Phonebook to the Addressbook, further data (page 20) can be added to them subsequently.

> ▶📖 Switch between the address book and the phonebook.

Phonebook Menu

(navigation) Select entry.

`Options` Open menu.

View	Display the selected entry.
Edit entry	Change first names and/or name, phone number and storage location.
New entry	Enter first and/or name, phone number and storage location.
Delete	Delete the selected entry.
Delete all	Delete all entries after confirmation.
Voicedialling	Use voice dialling to make an entry (page 26).
Copy into 🖉	Copy selected entry to the Addressbook.
Copy all to 🖉	Copy all Phonebook entries to the Addressbook.
Address-book	Switch to the Addressbook (page 19) and set them as standard.
Send/Print...	(see page 84)
Import	(see page 84)
Capacity	Display the capacity used and available.

Location:

In the open Phonebook:

⌖ Select entry.

Options Open the menu and select **Edit entry**.

⌖ Go to the input field **Location:**.

An entry can be moved from the Phonebook to the other storage locations.

SIM (standard) ▦

Numbers that are stored in the Phonebook on the SIM card can also be used on another GSM Phone.

Mobile (phone memory) 🗗

Phonebook/Addressbook entries are stored here if the SIM card memory is full.

Protected SIM ▭0

With a special SIM card, dialling can be limited to phone numbers that are "permanently" set on this SIM card. PIN 2 is required for editing (page 12).

Record no.:

A record number is automatically assigned to every new entry in the Phonebook. You can also dial with this record number.

Making a call

⌨ Enter record number.

⌗ Press.

☎ Press.

Edit

In the open Phonebook:

⌖ Select entry.

Options Open the menu and select **Edit entry**.

⌖ Go to the input field "**Record no.:**".

⌨ Enter the new number and confirm with Save.

Store control code

You can store phone numbers **and** control codes (DTMF signals) in the Phonebook as standard Phonebook entries, e.g. for operating an answering machine by remote control.

[⌨] Dial number.

(0 +) Press until "+" appears on the display (pause for connection setup).

[⌨] Enter DTMF signals (digits).

(0 +) If necessary enter other pauses of 3 seconds to ensure correct processing at the destination.

[▸▢] Press to copy to the Phonebook and if required to assign a name to it.

OK Press.

You can also store the DTMF signals (digits) like a phone numbe and send (page 17) them during a call.

Service numbers

Numbers that have been provided by your service provider may be stored. With these numbers you can call local or nationwide information services or use services of the service provider.

Protected phone numbers

Please note that the use of your Phonebook may be restricted (usual for some business applications), e.g. incomplete phone numbers may be indicated by a "?". These can be completed before dialling.

Up to 20 phone numbers or functions can be selected or started by simply saying a name. Voice dialling entries are stored in the phone (not on the SIM card!).

Record

Voicedialling (for phone numbers)

Menu ➔ Office ➔ Voice control ➔ Voicedialling

A list with entries is displayed. In the list select ...

New record, then

⌨ enter name and phone number

or

📖▸ retrieve from the Addressbook/Phonebook.

Save Confirm.

Start Start the recording.

A short signal sounds. Now say the name and **repeat** it when prompted. A beep confirms the recording and all entries are displayed.

Voice command (for functions)

Menu ➔ Office ➔ Voice control ➔ Voice command

A list with 20 functions is displayed.

⊕ Select a function.

Record Press.

Yes Confirm selected function.

Start Start the recording.

A short signal sounds. Now say the command corresponding to the function and **repeat** it when prompted.

Apply

⊕ **Hold** down. Start Voice control (in standby mode).

Now say the name or the function. The number is dialled or the function is carried out.

You can also start voice control by holding down the bottom button on the left-hand side.

Loud noises may affect the ability of the phone to recognise your voice.

Voice control-Menu

Menu → **Office** →
Voice control →
Voicedialling or
Voice command

(◄ ▲▼ ►) Highlight required entry.

Options Open menu.

Different functions are displayed
depending on the voice control
selected

View	Display selected entry.
New record	Start a new recording.
New sample	Redo the (voice) recording of an entry.
Delete	Delete entry.
Edit	Change name and phone number (voice dialling only). Then redo recording if necessary.
Delete all	Delete all entries after confirmation.
Play	Play back the recording belonging to the entry.

You may transmit and receive extra long messages on your phone (up to 760 characters plus pictures and tones) (page 31).

Depending on your service provider, e-mails and faxes can also be transmitted via SMS (change settings if necessary, page 35) and e-mails can also be received as SMS messages.

Read Messages

> Display indicates a new message.

```
 )))))                        (·)
      (Service Provider)
02.05.2002                 23:45
     ✉                    Menu
```
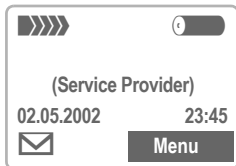
Press the key underneath the letter symbol to read the message.

Date/time
Number/
sender
Message

```
02.05.2002                 15:36
02079898767
Do we meet at 18.00 in the
hotel tomorrow?
    Reply         Options
```
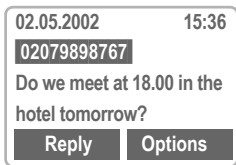
Scroll through the message (depending on length of the text).

> Line by line using the menu navigation key.

> ⊕⊖ Page by page using the side keys.

Reply	Reply menu see below.
Options	Inbox/outbox menu (page 29).
➜ 🗄	The archive function is displayed at the end of a message. This moves the message to the archive (page 29).

Reply menu

Write message	Create (page 30) a new reply text.
Edit	Edit message received or assign a new text to it.
Answer is YES	Add YES to the message.
Answer is NO	Add NO to the message.
Please call back Delay Thank you	Add an appropriate standard text to the message.

When the message has been edited in the editor, it can be stored or sent with **Options**.

📝 The memory is full when the message symbol flashes. **No more** SMS messages can be received or written. Delete or save (page 29) messages.

Numbers highlighted in the message can be dialled (Dial key), stored (page 19) (page 19) in the Addressbook/Phonebook or used as the address for a reply.

Inbox/Outbox

Menu ➔ **Messages** ➔
Inbox or **Outbox** ➔
SMS

The list of saved messages is
shown.

```
  ✉📩Inbox
  📩 Barbara
  ✉ Carol


  View        Options
```

Options See right.

Symbol	Inbox	Outbox
📩	Read	Not sent
✉	Unread	Sent

Archive

Menu ➔ **Messages** ➔
Inbox or **Outbox** ➔
Archive

The list of messages recorded on
the device is shown.

Options See right.

Lists/Archive Menu

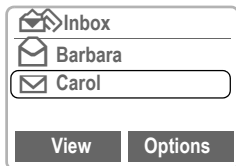Depending on the situation,
different functions are available

Options Open the list menu.

View	Read entry.
Reply	When an SMS arrives answer at once.
Send	Dial number or select from Addressbook/Phonebook, then send.
Edit	Open editor for changes.
Delete	Delete the message selected.
Delete all	Delete all entries after confirmation.
Capacity	Display number of saved messages and the capacity available.
Mark as un-read	(Inbox list only) Marks the message as un-read.
Status report ⌾🐙!	(Outbox list only) Request delivery confirmation for messages sent.
Save no. to ✎	Copy the phone number selected to the Addressbook/Phonebook.
Move to archive	The archive function is displayed at the end of a message. This moves the message to the archive.
Print via IrDA	(see page 84)

Use SMS sample

The following standard messages are stored in the phone. You only need to add time and date.

`Menu` ➔ **Messages** ➔
Use SMS sample

Selection:
Delay, Appointment, Congratulations

The cursor appears at the first input point, e.g.:

```
⌁123  SMS        118
Sorry, I'll be  - minutes
late on ---

      Delete    Options
```
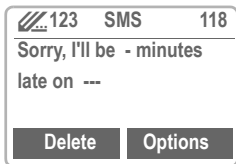
⌨️   Complete the message.

◁▷   Jump to the next input point.

Options Open the text menu.

Send Select.

Dial number or select from the Addressbook/Phonebook and transmit.

Compose a message

`Menu` ➔ **Messages** ➔ **New SMS**

⌨️   **Text input using "T9"** allows you to quickly create long SMS messages using just a few key entries (page 33).

To delete letter for letter, press **Delete**.

(*) Hold down. Opens menu with selected edit options (see page 5).

Either

📞   Press**.**

📖/⌨️ Dial number or pick out from the Addressbook/Phonebook.

OK Confirm.

or

Options Open the text menu.

Send Select (page 84).

Text Menu

Options	Open the text menu.

Send	Dial the number of the address or select from the Addressbook/Phonebook, then send.
Save	Save the composed message in the outbox list.
Picture & Sound	Insert a picture and sounds into an SMS (page 32).
Format	Format text. The options are as follows: **Line feed** **Font size (Small, Medium font, Large font)** **Underline** **Alignment (Left, Center, Right)** **Mark text**
Clear text	Delete the whole text.
Insert from...	Open the Addressbook/Phonebook, highlight the required entry and copy it into the text.
T9 input (page 33)	**T9 preferred** Activate or deactivate intelligent text entry. **T9 language** Select the language in which the message is to be composed.
Print via IrDA	(see page 84)

Information on SMS

Transmission of an SMS is confirmed with **Message sent!**.

The **Message sent!** text only indicates that the message has been transmitted to the service centre. The latter now tries to deliver the message within a certain period.

If the phone was unable to send the message, a retry option is available. If this attempt also fails, contact your service provider.

Notes on EMS

You can send extra long SMS messages (EMS) consisting of up to nine SMS messages. Of these nine segments, up to five may contain text and the rest pictures and sounds.

The cost of an EMS message is the sum of the costs of the individual SMS messages.

Depending on the network, it is possible that not all the individual SMS messages of an extra long SMS will arrive at the recipient at the same time or in the right order. However, individual SMS messages can be read.

Picture & Sound (EMS)

Pictures and sounds can be inserted into a message. Playback only occurs if the destination phone supports this EMS function. In input mode a wildcard is shown instead of the picture/sound.

15 pictures and 10 tones are stored in the phone. Your own animations, pictures and tones can be stored in Explorer and then sent. In certain circumstances your own pictures or tones will be sent in an extra SMS.

    Compose the message as usual.

Options Open the text menu at the end of a word.

Picture & Sound
    Select.

Selection: **Fix animations**, **Fix sounds**, **Own animations**, **Own pictures**, **Own sounds**.

    Go to the menu item you want

Select Opens a list with pictures or sounds.

    Go to the object you want.

Select The object is "inserted" in the text and indicated by a placeholder.

Pictures contained in **received** messages are shown in the text, **sounds** are shown as note symbols. When you scroll through a message and reach a note symbol you will hear the sound.

If you display a message before sending it the text placeholders for pictures and sounds will not be shown.

Text entry with "T9"

"T9" deduces the correct word from the individual key entries by making comparisons with an extensive dictionary.

Select T9 language

Select the language in which you want to compose your message.

Options Open the text menu then select **T9 input** and **T9 language**.

Create a word using T9

Since the display changes as you proceed **it is best if you finish a word without looking at the display.**

You simply press the keys where the relevant letter are located **once** only. For "hotel" for example type

(4 ghi) (6mno) (8tuv) (3def) (5Jkl)

T9 converts language specific special characters (such as ä, à) for you. Simply compose the message using the respective standard character, e.g. **A** instead of **Ä**.
If the word that T9 has chosen is not the one you want see "T9 word suggestions", page 34.

$(\overset{*}{\underset{\triangle}{}})$ **Hold down**. Opens menu with edit options (see page 5).

$(\overset{*}{\underset{\triangle}{}})$ Press before the word for uppercase/lowercase or letters/digits.

$(1 \overline{\infty})$ Blank. Ends a word.

$(0 +)$ Full stop. Ends a word when a blank follows. Acts as a wildcard character for an apostrophe/hyphen in the word: e.g.
Provider.s = Provider's.

$(\overset{\triangle}{\underset{\triangledown}{}} \blacktriangleright)$ Go to the right. Ends a word.

$(\overset{\#}{\underset{\triangle}{}})$ Deactivate T9 temporarily and activate it again.

Special characters
Press the key repeatedly until the letter is displayed. To write special characters after numbers (e.g. 5 £), switch to the letter mode first: $(\overset{*}{\underset{\triangle}{}})$

$(1\overline{\infty})$	Blank	1	€	£	$	¥	¤		
$(0+)$	.	,	?	!	0	+	-	:	¿
	¡	"	'	;	_				
$(\overset{*}{\underset{\triangle}{}})$	*	/	(	)	<	=	>	%	~
$(\overset{\#}{\underset{\triangle}{}})$	#	@	\	&	§	Γ	Δ	Θ	Λ
	Ξ	Π	Σ	Φ	Ψ	Ω			

Activate, deactivate T9 (SMS)

Options Open text menu, select **T9 input**, then **T9 preferred**.

Select Activate and deactivate T9.

$(\overset{\frown}{\textcircled{0}})$ Back to the editor.

Display in the uppermost line:

T_9 T9 active.

abc/Abc/123 UPPERCASE/lowercase, letters/digits.

T9 word suggestions

If several options are found in the dictionary for a key sequence (a word), the most frequent one is displayed first. If the word you want has not been recognised, the next suggestion from T9 may be correct.
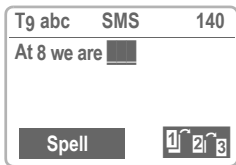
The word must be highlighted. Then

⏺ press. The displayed word is replaced with a different word. If this word is also incorrect,

⏺ press again. Repeat until the correct word is displayed.

If the word you want is not in the dictionary it may be written without T9 or added to the dictionary.

```
T9 abc    SMS      140
At 8 we are ▮

     Spell        ⏺
```

Spell Select.

The last suggestion is deleted and the word may now be entered without T9 support. Press Save to add it automatically to the dictionary.

Correct a word

Words that have been created **using** T9:

⏺ Move word by word to the left/right until the required word is highlighted.

⏺ Scroll through the T9 word suggestions again.

Delete Deletes the letter on the left of the cursor **and** displays a new possible word.

Within a "T9 word", individual letters may not be edited without cancelling T9 first. In most cases it is better to rewrite the complete word.

Words that have **not** been created using T9:

⏺ Move character by character to the left/right.

Delete Deletes the letter to the left of the cursor.

⏺ Symbols are inserted at the cursor position.

⏺ Scroll line-by-line.

Replace languages or buy more:

www.my-siemens.com/me45

Setup

The transmission characteristics of
an SMS are defined in a profile
(maximum 5).

The presetting depends on the SIM
card used.

Menu ➔ **Messages** ➔
 Message setup ➔ **SMS**

The list of available profiles is dis-
played. You can select a profile from
this list. To activate:

Activate Press.

Setup menu

Options Open menu.

Activate	Use the profile selected.
Change settings	Change profile.

Change settings

Service centre
Enter or change the phone numbers
of the service centres as supplied by
the service provider.

Recipient
Enter the standard recipient for this
transmission profile.

Message type
Manual The message type is requested
for each message.

Standard text
 Normal SMS message.

E-mail Transmission via SMS.

Fax Transmission via SMS.

New You can get the code number
from your service provider.

Validity period
Selecting the period in which the
service centre tries to deliver the
message:

Manual The validity is checked for each
message.

1 hour, 12 hours, 1 day, 1 week
 Validity period.

Maximum Maximum period that the serv-
ice provider permits.

New Free entry in days.

Status report   ⌀8!
You are given confirmation of
the successful or unsuccessful
delivery of a sent message. This
service may be subject to a charge.

Direct reply
The reply to your message is
handled via your service centre
when this function is activated
(for information please contact
your service provider).

SMS via GPRS   ⌀8!
When this function is activated,
SMS messages are automatically
sent via GPRS.

Check that your service provider of-
fers this function.

Bitmap viewer

Receive graphic

A graphic can be sent to your phone via infrared or SMS or it can be downloaded via WAP.

A received graphic is indicated by a symbol above the left soft key. By pressing this key, the Bitmap viewer is started and the graphic is displayed.

Select storage location of the graphic:

- **Explorer** (page 80)
- **Logo** (Logo)
- **Screensaver** (page 70).

  Select Confirm.

> We recommend you always save operator bitmaps or screensavers in **Explorer** too as graphics stored under **Logo** or **Screensaver** are overwritten each time a new save process is carried out.

Load graphic

Menu ➔ **Surf & fun** ➔ **Bitmap viewer**

Bitmap viewer

  Open.

  Load Press.

  Select Load graphic from **Explorer** or open **Logo/Screensaver** directly.

Save graphic

A loaded graphic is shown on the display.

  Save Press.

  Select Save graphic in **Explorer** or use as **Logo/Screensaver**.

Bitmap viewer Menu

Different functions are possible depending on the situation.

  Options Open menu.

Save as...	Store the current graphic on one of the storage locations or in Explorer.
Send via ...	(see page 84)
Load...	Load graphic from the memory or from Explorer.
Delete...	Delete the graphic.
Discard	The current graphic is discarded.

> Ringtones, operator bitmaps, screensavers and other services for your Siemens mobile phone can be found at: www.my-siemens.com/city
>
> This city portal also includes a list of countries where this service is available.

Get the latest WAP information from the Internet that is specifically adapted to the display options of your phone. Internet access may require registration with the service provider.

Internet access

Menu → **Surf & fun** → **Internet**

You can select the Internet access profile (see **Start with...** page 38). The start menu appears, e.g.:

```
@ Start menu
1 Homepage
2 Bookmarks
3 Resume
            Select
```
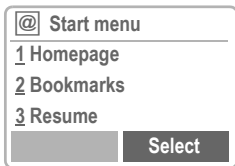
Select the required function

OK Confirm.

You can now surf the Internet ...

Hold **down** to end the connection.

🌐 Offline 🌐⇄ Online ⊖ no network
The current display is in the upper right corner.

⊕ ⊖ Page up or down using the side keys.

Start menu

Homepage	The connection to the Internet provider's portal is established (may be set/preset by the service provider).
Bookmarks ⊲⑧!	Display up to 10 URLs (Uniform Resource Locator) for fast access (not supported by all providers). Editing bookmarks page 41.
Resume	Call up recently visited pages that are still in memory.
Profiles	Set up to 5 access profiles (page 39). Select **New entry** to enter a new profile

Example: Homepage

The soft keys may be assigned functions that are controlled online from the homepage of your service provider such as "links" or "menus".

```
News
Sportinfo
Weather
Back
            Link
```
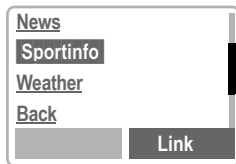
The contents of the option menus are also variable.

WAP

Browser Menu

![phone icon]	**Press to start the browser menu**.
Homepage	The first WAP Internet page that is displayed after connection is established (may have been set/preset by the service provider).
Bookmarks 🔖!	Display up to 10 URLs for fast access (not supported by all providers). Use **New entry** to enter a new URL. Use **Menu** to complete, edit and delete entries.
Resume	Call up recently visited pages that are still in memory.
Go to URL	Enter an URL for directly accessing an Internet address (URL = Uniform Resource Locator).
Show URL	Show the URL of the current page.
Reload	The current page is restarted.
Disconnect	End connection.
More ...	See below.
Exit browser	End browser and connection.

More ...

Profiles	Set up to 5 access profiles (page 39).
Reset	Delete the pages last visited (cache).

Setup	**Font size**
	# Hold down: Switch between small and standard font size.
	Protocol parameters
	Set specific parameters of the WAP protocol.
	Security
	For secure data transmission some information is encrypted. All browser data relevant for security can be selected in this menu.
	For further information on security see: **www.my-siemens.com/me45**
	Start with...
	Select the display for Internet access:
	Start menu **Browser Menu** **Homepage** **Resume** **Bookmarks**
Incoming	WAP Push messages or alerts are stored here (depending on provider).
Save bitmap	Save bitmap (WBMP Format).
About Openwave	Display the browser version.

Setup

Preparation of the phone for Internet access depends on the service provider currently used:

- If the settings have already been made by the service provider you may begin immediately.
- If access profiles have already been assigned by the service provider, select a profile and activate it (page 39).
- The access profile must be set and activated manually (page 39).

If necessary, check with your service provider for details.

Profiles

You can set or change up to 5 access profiles (may be barred by the service provider). The entries and functions may vary depending on your service provider. You can change a profile each time before you access the Internet (page 40).

Profile settings

To create a new profile proceed as follows:

Menu ➔ **Surf & fun** ➔ **Internet** ➔ **Profiles**

- Select the profile to be changed.
- **Edit** The entry card is displayed.
- Make your entries field by field.

You may get further information on the entries from your service provider.

Profile name	Name the profile or rename a default name.

GPRS and CSD data see page 78.

WAP parameters	**IP address:** Enter IP address.
	Port: Enter port number.
	Homepage: Enter homepage (page 39) if not set by the service provider.
	Linger time: Enter time in seconds after which a connection should be terminated if no input or data transfer takes place.

Save The settings are stored and the profile list is shown.

Special characters **(as in the SMS text editor)**	
(*)	Press 3 x for **/**
(#)	Press 3 x for **@**
(0 +)	Press for **.** (full stop)
(0 +)	Press repeatedly for **:**
(*)	Press repeatedly for **~**

Activate profile

```
┌─────────────────────────────┐
│ ılliı Profiles              │
│ 1 standard                  │
│ 2 * e-Commerce              │
│ 3 profile 3                 │
│   Edit          Select      │
└─────────────────────────────┘
```
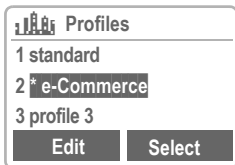
Select

Activate a profile to establish the Internet connection.

Menu ➔ **Surf & fun** ➔ **Internet** ➔ **Profiles**

⊕ Select the required profile.

Select Press to activate. The connection is established.

Your Internet browser is licensed by:

Operating instructions

Changing the homepage

The address of the homepage is set in the (access) profile. You can change it in standby mode (if permitted by the service provider!):

Menu → **Surf & fun** → **Internet** → **Profiles**

Select the profile, e.g.:

e-Commerce Select.

Edit The entry card is displayed.

WAP parameters/Homepage

Select.

✎ Enter new address. Go to the end of the entry card.

Save Press.

Enter the Internet address (URL)

Menu access is made as soon as WAP pages are displayed (online or offline).

📞 Open the browser menu.

Go to URL Select and confirm.

✎ Enter URL and confirm. The connection is established.

Bookmarks

Depending on the provider, you can store a list of your favourites with their Internet addresses (URL) in the phone (offline and online):

Store

📞 Open the browser menu.

Bookmarks Select and confirm.

Add bookmark

Select to add the current page as a bookmark.

Or:

(Empty) Select.

Menu Open the menu.

Edit Select, enter name/title and URL and confirm.

Save Press.

Use

📞 Open the browser menu.

Bookmarks Select and confirm.

⟨↕⟩ Select the desired bookmark.

Go The call is set up.

Most service providers offer you an external answering service. In this mailbox, a caller may leave a voice message for you

- if your phone is switched off or not ready to retrieve,

- if you do not want to answer,

- if you are making a phone call (and if **Call waiting is** not active, page 15).

If the voice mail service is not part of your service provider's user package, you will need to register and the settings must be made manually. The procedure described below may vary slightly depending on the service provider.

Setup

Your service provider supplies you with two phone numbers:

Mailbox number

You call this phone number to listen to the voice mails left for you. To set it up:

Menu ➜ **Messages** ➜ **Voice message**

Select a number from the Address-book/Phonebook or dial/change it and confirm with **Save**.

Forwarding number

Calls are diverted to this phone number. To set it up:

Menu ➜ **Divert** ➜ e.g. **Unanswered** ➜ **Set**

Dial the number of the mailbox.

> **OK** Registration at the network. Confirmation is made after a few seconds.

For further information on call divert, page 47.

Listen to

A new voice mail can be displayed as follows:

> ◯◯ Icon including beep.

or

> ✉ a text message announces a new voice mail

or

> you receive a call with an automatic announcement.

Call your mailbox and play the message(s) back.

> (1 ◯◯) Hold **down** (if necessary dial the mailbox number of the service centre).

Outside your home network, a different mailbox number may need to be dialled and a password may need to be entered to access your mailbox.

Cell broadcast ⬡!

Some service providers offer information services (info channels) such as area codes, stock markets etc. The information available depends on the service provider. If reception is activated, you receive messages on the active topics in your **"Topic list"**.

Menu → Messages → Cell broadcast

Broadcast

You can activate and deactivate the CB service. If the CB service is activated, the operating time of the phone will be reduced.

Read new CB

All unread CB messages are displayed.

⊕⊖ Use the side keys to scroll.
The message covers the whole display.

Topic list

You can add an unrestricted number of topics to this personal list from the topic index ("Topic retrieval", page 44). You can preset at least 10 entries with their channel number (ID) and, if necessary, with their name. Five topics can be active at the same time.

New topic

New topic Select.

- If no topic index is available (see "Topic retrieval", page 44), enter a topic with its channel number and confirm with OK.

- If the topic index has already been transmitted, select a topic and confirm with OK.

Selection from a list

Options Open the list menu.

If a topic is selected in the list, you can have a look at it, activate it, deactivate it, edit it or delete it.

Auto display

CB messages are displayed in standby mode, longer messages are automatically scrolled.

The automatic display can be set for all messages or only new messages or deactivated entirely.

Switches to "full page view" automatically:

🙂 then press Read CB

Topic index ⊲8!

The list of the topics currently provided by your service provider is displayed for you to choose from.

If they are not displayed, the channel numbers (ID) may be entered manually ("Topic list", page 43). Please contact your service provider for details.

CB languages

You may define whether you want to receive Cell Broadcast messages only in a specific language or in all languages.

Displays	
✓	Topic activated.
⫶⫶⫶	Topic deactivated.
✉	New messages received on the topic.
✉	Messages on the topic already read.
Highlighted phone numbers can be:	
☎	dialled.
Options	stored in the Addressbook/ Phonebook.
Additional beep, page 67.	

SIM services (optional) ⊲8!

Your service provider can offer special applications such as homebanking, stock market etc. via the SIM card.

If you are registered for one of these services, the service name will appear at the top of the Main Menu or directly above the left soft key.

☐◄☐☐ Icon of SIM services.

If there is more than one application, these are displayed in the "SIM services" menu.

Menu → **SIM serv**

With the SIM services menu your phone will support additions to your service provider's user package in the future. For further information, contact your service provider.

Your phone stores the phone numbers of calls for convenient redialling.

Menu ➔ **Records**

⏺ Select required call list and select the number there.

☎ Select number

or

⏺ View information on the phone number:
date, time (not for dialled numbers).

The following call lists are available:

Missed calls ⌐⦀!

The phone numbers of calls that you have received but not answered can be recorded for call-back purposes.

Requirement:
The networks used support the "Caller Identity" feature.

Calls received ⌐⦀!

All accepted calls are listed.

Requirement:
The network supports the "Caller Identity" feature.

Calls dialled

Access to the last ten phone numbers you dialled.

☎ Fast access in standby mode.

Erase records

The contents of all call lists are deleted.

Records-Menu

The call list menu can be called up if an entry is highlighted.

Options Open the list menu.

View	Read entry.
Correct no.	Load number onto display and correct there if necessary.
Copy into 📖	Store entry in address book/ phone book.
Delete	Delete entry.
Delete all	Delete all entries in the call list after confirmation.

You can display the charge details and duration of calls as you speak, as well as setting a unit limit for outgoing calls.

Display

Menu → **Records** → **Duration/charges**

After you have made the charge detail settings, you can display the call duration/charge details for the following call types or you can display the credit balance.

Last call
All calls
Remain. units

or

when **Incoming calls** is activated:

Last call
All outgoing calls
All incom. calls
Remain. units

Select a call type.

Select Display the data.

When displayed, you may do the following:

Delete Clear display.

OK End display.

Charge settings

Menu → **Records** → **Charge settings**

Currency
Enter the currency in which the charge details are to be shown.

Personal rate ⊲߭!
(PIN 2 needed)

Enter the charges per unit/period.

A/c limit ⊲߭!
(PIN 2 needed)

Special SIM cards allow you or the service provider to define a credit/period after which the phone is blocked for outgoing calls.

Edit Enter the number of units and confirm with **OK**.

Then confirm the credit or reset the counter. The display of Prepaid cards may vary depending on service provider.

All calls ⊲߭!

Toggle between the displays.

Incoming calls ⊲߭!

If your network supports the charge detail display, the current units are displayed.

If you have set charge details per unit, the costs incurred are displayed.

Special registration may be necessary for this service.

Auto display

Call duration/charges are automatically displayed for each call.

You can set the conditions for which calls are diverted to your mailbox or other numbers.

Menu → **Divert**

You can set divert as follows:

The most common condition for forwarding is:

Unanswered

Menu → **Divert**

⊙ Select **Unanswered**.

Select Press.

Set Select.

✐⌨ Enter the phone number to which a call will be diverted (if not done already)
or

📖 select the phone number from the Addressbook/ Phonebook or from the Mailbox, confirm with:

OK After a short pause, the setting is confirmed by the network.

Unanswered

This setting covers the most important conditions (see also below):
Not reachable, No reply, Busy

All calls

All calls are diverted.

➲🖿 Symbol in the top line of the display in standby mode.

Specific divert

Not reachable

Divert if the phone is switched off or out of range.

No reply

A call is only diverted after a delay (depends on the network). The period can be set by the user to a maximum of 30 seconds in 5 second intervals.

Busy

Divert if a call is in progress.

Exception: If **Call waiting** is activated (page 76), you will hear the call waiting tone (page 15) during a call.

Receiving fax

Fax calls are diverted to a number with a fax connection.

Receiving data

Data calls are diverted to a phone number with a PC connection.

Divert

Status check

You can check the current divert status for all conditions.

After a short pause, the current situation is transmitted by the network and displayed.

✓ Condition set.

⬚ Not set.

? Displayed, if status is unknown (on a new SIM card for example).

Clear all

All set diverts are cleared.

To check or delete a certain condition:
First select the condition.
Select Press.
Check state
or
Delete Select.

Note that the divert is stored in the network and not in the phone (when the SIM card is changed for example).

Reactivate divert

The last divert has been stored.

Proceed as with setting divert.

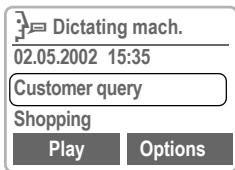The stored phone number is displayed and is confirmed.

Edit phone number

Proceed as with **Divert**. When the stored number is displayed:

Delete Delete the phone number.

Enter new number and confirm.

With voice recording you can

> ![icon] **Dictating mach.**
> **02.05.2002 15:35**
> **Customer query**
> **Shopping**
> **Play** | **Options**

- use your phone as a dictating machine when on the move.

- record a memo as a reminder or as a reminder for others.

- add a voice memo to an alarm in the Calendar (page 52).

- record a call - useful for remembering numbers or addresses.

The use of this feature may be subject to restrictions under criminal law or other legal provisions. Please inform the other party to the conversation in advance if you intend to record the conversation and please keep such recording confidential. You may only use this feature if the other party to the conversation agrees.

Using the side keys

We recommend using the keys on the side of the phone to control the voice functions.

Loud ⊕ → ← Recording/ play back (dictation key)

Quiet ⊖ →
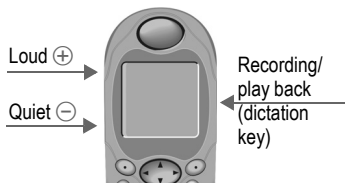
New record

Press the dictation key for the duration of the recording. After a short beep, the recording starts.

Pause

For a **recording pause,** you can release the dictation key for a maximum of 10 seconds. If you press the key once more, recording is resumed, otherwise it will be stopped.

Save

If you release the dictation key for more than 10 seconds, the recording stops.

Save Save the recording with the current date and time as the name.

You can change the name before saving.

Playing

Press the dictation key **briefly**.

Using the soft keys

Menu → **Office** → **Dictating mach.**

The list of the recordings is opened.

Options	Open menu.
New	Select.
Record	Start recording (Pause recording pause).
Stop	End recording.
Save	Store and assign a name.

Play

Play Press.

Using the menu navigation key

Menu → **Office** → **Dictating mach.**

New

Press **briefly on the left** to end.

Press **briefly on the right** to pause/playback.

Play

Press **briefly on the right** to pause/playback.

Hold **down**: Fast forward, rewind.

End playback.

Dictating mach.-Menu

Options Open menu.

Playing	The recording is played.
New record	Start a new recording.
Delete	Delete the entry selected.
Delete all	Delete all entries after confirmation.
Rename	Replace the time stamp with a name.

Calendar

Menu → **Office** → **Organiser** →
        Calendar

The Calendar offers a

- monthly view
- weekly view
- daily view.

The time and date must be set for
the Calendar to work properly
(page 59).

Side keys

Back → ⊕

Forward → ⊖

Scroll between
the weeks or
months
depending on the
current view.

Monthly view

Th		Apr	2001			W 15
						1
2	3	4	5	6	7	8
9	10	11	**12**	13	**14**	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
Week				**Agenda**		

Scroll through the
weeks.

Scroll through the days.

Week   Display the weekly view.

Agenda   Display the daily view.

Weekly view

Th			Apr		2001		W 15
M	T	W	**T**	F	**S**	S
9	10	11	**12**	13	**14**	15

```
8  ─────────
12 ─────────
16 ─────────
```
| **Month** | **Agenda** |

Scroll by the hour.

Scroll through the days.

Agenda   Daily view.

━━ Schedule. Time overlaps are
    highlighted.

Each day is divided into six blocks of four
hours (morning + afternoon).

Agenda

Agenda   Select.

Displays the appointments of the
current day in chronological order in
the agenda.

Tasks which are still open are listed
at the top (page 53).

When an appointment with an alarm
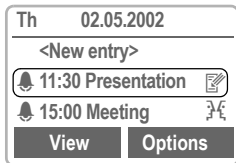is reached, you will hear a beep.

Synchronise with Outlook®

With the Siemens Quick Sync software you
can synchronise your organiser with your
Outlook® Calendar (page 82).

Appointments

Displays all appointments as a list.

```
Th    02.05.2002
  <New entry>
🔔 11:30 Presentation  📝
🔔 15:00 Meeting        ⅉ⅄
    View      Options
```

New appointment

<New entry> Select.

⬖⬗ Make the entries field by
field:

Type:

📝 **Memo**. A short text may
be added (max. one line).

📱 **Call**. Enter phone
number. Shown with
alarm.

ⅉ⅄ **Meeting**

👥 **Birthday**

ː‣ **Speech memo**

Description:
Display in the agenda.
Reoccurrence:
Select periods for repeating the ap-
pointment.
Start date:/End date:
Start date, end date if necessary.

Start time:/End time:
Start time, end time if necessary.

Save Store the appointment;
the alarm is automatical-
ly activated.

Appointments menu

Options Open menu.

View	Show the entry.
Deactivate/ Activate	Activate/deactivate the alarm.
Edit	Open the entry for changes.
New entry	See left.
Delete	Delete the entry selected.
Delete all	Delete all entries after confirmation.
Send/Print...	(see page 84)
Import	(see page 84)
Week beg Sun	Set when the week is to start, Sunday or Monday.
Capacity	Display the capacity used and available.

A total of 50 entries can be created. An
alarm sounds even when the phone is
switched off. To deactivate it press any key.
Deactivate all alarms (page 62). **Ringer
setting** (page 67), **Clock** (page 59).

🔔 Display when alarm is active.

Pause Delays the alarm by 5 minutes.

Tasks

A task is displayed like an appointment in the agenda of the day selected. However unlike the appointment it does not need to have a time and date. When this is the case the task appears at the top of the list **every** day, until it is marked as done.

```
Th      02.05.2002
<New entry>
Car to the inspection    🗎
🔔 15:00 Meeting         🗕
      View       Options
```

New task

<New entry> Select.

$\overset{\text{⬆}}{\underset{\text{⬇}}{◀ ▶}}$ Select the task type (see **Appointments**, page 52).

🖫 Describe the task briefly.

🖫 If necessary, enter date and time.

OK Store the task.

✓ Display when a task is done.

Task menu

Options Open menu.

View	Display the entry.
Done/Outstanding	Mark task as done or open.
Edit	Display the entry for changes.
New entry	Enter a new task.
Delete	Delete an entry from the appointments list.
Delete all	Delete all entries after confirmation.
Send/Print...	(see page 84)
Import	(see page 84)
Week beg Sun	Set when the week is to start, Sunday or Monday.
Capacity	Display the capacity used and available.

Alarm clock

Use this function to set **a single** time for the alarm call. The alarm sounds even when the phone is switched off or all ringers are switched off.

On/off Switching on and switching off the alarm.

Change Setting the alarm time (hh:mm).

Selecting the days.

Use **Change** to set the days on which you want to be woken.

Missed alarms

Appointments with alarm which you have missed are listed and can be displayed.

Missed alarms Menu

Options Open menu.

You can send an alarm missed, print it, delete it or delete all alarms missed.

Notes

T9 support (page 33) makes writing memos, e.g. shopping lists, easier for you. Protect confidential data with the phone code (page 12).

New entry

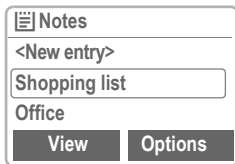**<New entry>** Select.

Enter the text.

Options Open menu.

Save Store the entry.

Editor menu

Options Open menu.

Save	Store the entry.
T9 input (page 33)	**T9 preferred:** Activate intelligent text entry or deactivate it. **T9 language:** Choose language in which the memo is to be composed.
Line feed	Enter a line break.
Clear text	Delete the memo.
Send	Transmit via SMS.

Read entry

目 Notes
<New entry>
Shopping list
Office
View **Options**

Select an entry.

View Open.

Notes menu

Options Open menu.

View	Display the entry.
Edit	Display the entry for changes.
New entry	Enter a new memo.
Delete	Delete an entry from the appointments list.
Delete all	Delete all entries after confirmation.
Confidential	Protect entry with phone code (page 12).
Send	Transmit via SMS.
Capacity	Display the capacity used and available.

Businesscard

You may create your own business card and transmit it as a message via SMS or you may transmit it to another GSM Phone (with IrDA capability) or a suitable PC/printer using infrared technology.

`Menu` ➔ **Office** ➔ **Businesscard**

If a business card has not been created, you are asked for input.

Go from field to field and make your entries.

📖 The phone numbers can also be copied from the Addressbook/Phonebook.

Last name:	Fax:
First name:	Street:
Company:	Post code:
E-mail:	City:
Phone:	Country:
Phone/office:	URL:
Phone/mobile:	

`Save` Press.

The content of the business card corresponds to international standards (vCard).

When you are sending a business card as a text SMS, note that a maximum of 160 characters can be transmitted. If the card contains more than those 160 characters they will not be transmitted.

Businesscard Menu

`Options` Open menu.

Edit	Display the business card for changes.
Send/Print...	(see page 84)

Enter number (up to 8 digits).

Select calculator function.

Repeat procedure with other numbers.

Result is displayed.

🔲 Calculator
123
+ **4567**
. =+ - * /
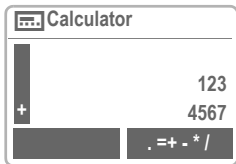
Special functions

Repeatedly press the right soft key

. =+ - * / (indicated in the display).

.	Set decimal point.
=	Result.
+	Addition.
-	Subtraction.
*	Multiplication.
/	Division.
±	Toggle between "+" and "-".
%	Convert to percentage.
📥	Save the number displayed.
📤	Retrieve the number saved.
e	Exponent (maximum of two digits).

Special keys:	
(*)	Set decimal point.
(0 +)	Add (hold **down**).

Currency conv.

Menu ➜ **Office** ➜ **Currency conv.**

You can calculate the exchange rates between three different currencies.

Enter currency

If no currency has yet been entered press **OK**.

Otherwise:

Options Open the menu.

New entry Select.

Then:

Euro currencies only:

List Press and select 1st euro currency:

EUR	ATS	BEF	DEM	ESP	FIM
FRF	IEP	ITL	LUF	NLG	PTE

OK Confirm.

List Press and select 2nd euro currency.

OK, **OK** Confirm.

Euro currencies and/or other currencies:

⌨ Enter the symbols for the currencies.

OK Confirm.

⌨ Enter exchange rates for the currencies.

Options Open the menu.

OK Confirm.

⊛ Set decimal point.

Input Menu

Options Open menu.

OK	Confirm.
Decimal point	Enter decimal point.
Calculator MR	Retreive a saved number.

Convert

Any combination of calculations may be made between the entered currencies.

◈ Select one combination from the list of possible combinations.

Select Confirm.

⌨ Enter amount (up tp 8 digits).

⌗ The result is displayed.

Repeat Repeat calculation with different data.

Currency conv. Menu

Options Open menu.

Start	Enter amount to be calculated.
New entry	Enter two new currencies.
Change	Display currency pair to be changed.
Delete	Delete the two currencies.

Time zones

Set the time zone for your area.

Select the required time
zone from the list ...

Set ... set it up.

Options Open menu.

View	Display the time zone selected with name and date.
Set	Set the time zone.
Rename	Assign a new name to the time zone.
Auto time-zone ⊗!	The time zone is switched to local time automatically by the network.
DST	Activate/deactivate daylight saving. A sun is displayed to show that daylight saving is activated.

Time/date

This function is identical to **time/date** on page 78.

Format date

Set the date format:
DD.MM.YYYY or **MM/DD/YYYY**

Auto display

Edit The time display can be
switched on and off.

Auto phone off

The phone switches off each day at
the set time.

Select Press.

Time Press.

Enter time
(24 h clock).

OK Confirm.

Deactivate function:

Manual Press.

OK Confirm.

If the battery is removed for more than
about 30 seconds, the clock must be reset.

Stopwatch

Menu ➜ **Surf & fun** ➜ **Stopwatch**

Display the time down to one thousandth of a second. Two intermediate times can be clocked and stored.
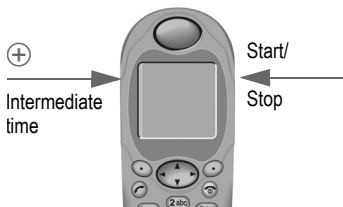
```
🕐 Stopwatch


       00:00:00.000


   Start        Options
```
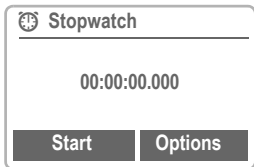
Reset Reset to zero.

(#) Start/stop.

(*) Intermediate time.

Control using the side keys:

Stopwatch-Menu

Options Open menu.

Save	Record the time(s) taken and assign a symbol to them.
Rename	Rename the entry selected.
Delete	Select the entry to be deleted.
Stopwatch list	Display the stored entries. **View**: Display of the stored times and intermediate times.
Clear list	Delete the Stopwatch list.

Countdown

Menu ➜ **Surf & fun** ➜ **Countdown**

A set period elapses. The last three seconds are indicated by a beep. At the end, a special beep sounds.

Set	Enter period.
Start	Start counter.
Stop	Interrupt counter.
Change	Change period.
Reset	Reset counter to start time.

Menu ➔ **Surf & fun** ➔ **Games**

Select a game from the list and have fun!

Game instructions

You will find special instructions for each game in the option menu.

Options Provides tips on how to play the game, shows the saved scores and allows you to set the difficulty level.
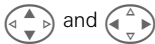
Start Start game.

Key control
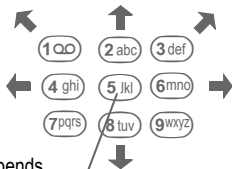
function depends on the game

or

use the menu navigation key:

Profiles

If a profile is used, several settings are made with **one** function.

- Five profiles are standard with default settings, they can be changed however:
  Normal envi., Quiet environ., Noisy environ., Car Kit, Headset

- You may set two personal profiles individually (**<No Title>**).

- The special profile **Aircraft mode** is fixed and cannot be changed (page 63).

If the phone is used by several people, they can each activate their own settings by selecting their personal profile.

Activate

Menu → Profiles

⌨ Select default profile, personal profile.

Select Activate the profile.

```
 ╻╻╻ Profiles
 ◎  Normal envi.
 ◉  Quiet environ.
 ◎  Noisy environ.
 Activate      Options
```
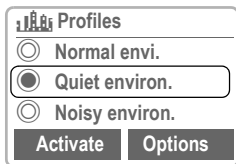
◉ Highlights the active profile.

Setup

Edit a default profile or create a new personal profile:

⌨ Select profile.

Select Confirm.

Profiles-Menu

Options Open menu.

Activate	Activate the current profile.
Change settings	The following functions can each be set individually for a profile:
	• **Ringer setting** page 67
	• **Volume** page 67
	• **Melodies** page 67
	• **Silent alert** page 67
	• **Call screening** page 67
	• **Info tones** page 67
	• **Key tones** page 67
	• **Big letters** page 70
	• **Illumination** page 70
	When you have finished setting a function you return to the profile menu where you can change a further setting.
Copy from	Copy settings from another profile.

Car Kit

If an original Siemens Car Kit is used the profile is activated automatically as soon as the phone is inserted into the cradle (see also page 79).

Headset

If an original Siemens Headset is used the profile is activated automatically as soon as the headset is plugged in (see also page 79).

Aircraft mode

All alarms are deactivated.
It is **not possible to modify** this profile**.**

- The phone will be switched off when you select a profile.
- In this status, alarms are **not** indicated by the ringer or trembler alarm.

Activate

Menu ➔ Profiles

⌢⌄ Select **Aircraft mode**.

Select Activate profile and confirm selection.

The phone switches itself off automatically.

Normal operation

The next time you switch on the phone and return to normal operation the default profile will be activated.

Favourites

Combine your own menu with frequently used functions, phone numbers or WAP pages.

The list of the 10 entries available is preset. However you can change it as you wish.

For fast access:

$\overset{\triangle}{\underset{\triangledown}{\triangleleft \triangleright}}$ Press then ...

$\overset{\triangle}{\underset{\triangledown}{\triangleleft \triangleright}}$ .. press **twice**.

Apply

$\overset{\triangle}{\underset{\triangledown}{\triangleleft \triangleright}}$ Select the required entry.

Select Press.

📞 If the selected entry is a phone number, you can also call with the Call key.

Change

You can replace each preset entry (1-10) with another entry from the list of your favourites.

$\overset{\triangle}{\underset{\triangledown}{\triangleleft \triangleright}}$ Select the required entry.

Options Press.

Change settings
Select.

$\overset{\triangle}{\underset{\triangledown}{\triangleleft \triangleright}}$ Select the new entry in the selection list (see page 65).

Set Press.

If you have selected a phone number or a WAP favourite as a new entry, the relevant application opens for the selection.

Reset all

After confirmation and after entering the phone code, the default entries are reset.

The left soft key and the keys 2 to 9 (speed dialling numbers) can each be assigned an important phone number or a function. The phone number can then be dialled or the function can be started at the touch of a button.

A function may already have been programmed on this soft key by your service provider (e.g. access to "🔲 SIM services"). This key assignment may be unmodifiable.

The soft key may sometimes be replaced with 🖂 /◯◯ to access a new message.

Key assignments available:

- Phone number .... page 66
- Internet .... page 37
- Bookmarks .... page 41
- Phonebook .... page 23
- Addressbook .... page 19
- Calendar .... page 51
- Alarm clock .... page 56
- Notes .... page 55
- Calculator .... page 57
- Currency conv. .... page 58
- New SMS .... page 30
- Illumination .... page 70
- Hide ID........................... page 76
- IrDA .... page 77
- Games .... page 61
- Missed calls .... page 45
- Calls received .... page 45
- Inbox .... page 29
- Outbox .... page 29
- Favourites .... page 64
- Businesscard .... page 56

Left soft key

The **left** soft key can be used for fast access.

Change

```
 )))))                    🔋▮
        (Service Provider)
 02.05.2002          23:45
 📖                    Menu
```
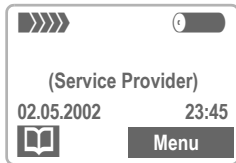
📖   Press (if not preset differently).

Change   Scroll to the application in the list.

- Assign the new application (e.g. **Games**) to the soft key.

- Special case **Phone number**. Pick out a name from the Phonebook/ Addressbook (e.g. "Carol") to assign the soft key.

Select   Confirm setting.

Apply

The setting "Carol" is used here only as an example.

Carol   Hold **down**.

Fast access key

Speed dialling numbers

Digit keys 2 to 9 can be used as speed dialling numbers for fast access. For available key assignments see page 65.

> The following key is reserved:
>
> (1∞) = mailbox number (page 42)

Edit

In standby mode:

|📇| Press digit key (2-9). If the key is not assigned:

`Set` Press.

or

`Games` press **briefly** (if assigned with e.g. **"Games"**).

`Change` Scroll to the application in the list.

Special case **Phone number**. Scroll to a name in the Phonebook/Address-book for assignment to the key.

`Select` Confirm setting.

Special case **Internet**. Scroll to an URL in the bookmark list for assignment to the key.

`Select` Confirm setting.

Apply

Select a stored phone number or start a stored application (e.g. Games).

In standby mode:

(2 abc) Press.

The assignment of digit key 2 is displayed instead of the left soft key, e.g.:

`Games` hold **down**

or simply

(2 abc) hold **down**

Quick menu selection

All menu functions are numbered internally. The relevant sequence of numbers is shown in the upper right corner of the display. The menu tree (including numbering) is shown at the end of this User Guide (see page 95).

Enter these numbers in sequence to select a function directly.

For example, to compose a new SMS:

`Menu` Press.

(1∞) For **Messages**

(1∞) For **New SMS**

> The numbering may change if your service provider has integrated additional functions into the menu system.

Audio You can set the tones that sound in specific situations to suit your particular tastes.

Menu → Audio →
  then select a function:

Ringer setting

Activate, deactivate the ringer or reduce it to a short beep and confirm this as the basic setting.

 🔔 Beep is activate.

 Ⅺ Ringer is deactivated.

In standby mode: Activate and deactivate the ringer for the current session:

  ⊛ Hold down.

Once the phone has been switched off and on again and following use with the headset or car kit, the basic setting becomes active again.

Volume

  Select the range:
  All calls
  ⊞ Calls
  VIP calls
  Alarm
  Messages
  Cell broadcast

  Set volume.

  OK Confirm.

 Displays rising volume.

If two separate phone numbers are registered for your phone, you can set different volumes for them (page 73).

Silent alert

To avoid being disturbed by the ringer, you can activate the trembler instead. It can also be active in addition to the ringer (e.g. in noisy environments). The trembler is deactivated when the battery is being recharged.

Call screening

Only calls from numbers that are in the Phonebook/Addressbook are signalled audibly or by the trembler. Other calls are merely displayed. If you do not accept these calls, they are diverted to your mailbox (if set, page 47).

 ⭢🔔 Displayed when activated.

Information tones

Activate/deactivate all service tones and alarm tones or use **Extended** to activate/deactivate tones.

Key tones

Set the acoustic key tone:
Click or **Tone** or **Silent**

`Menu` ➔ `Audio` ➔
then select a function:

1 minute beep

During a call you hear a beep after every minute as a reminder of the time elapsed.

Melodies

You can choose from 38 melodies and additionally use four melodies that you have composed/stored yourself 39 (corresponds to `Individual 1`) to 42 (corresponds to `Individual 4`).

    First select the type:

       All calls
       Calls
       VIP Calls
       Appointments
       Messages
       Cell broadcast

    Then select the melody.

`OK` Confirm.

Melody manager

You can use this function to manage your melodies.

`Menu` ➔ `Surf & fun` ➔
`Melody manager`

Receive melody

A melody can be sent to your phone via infrared, SMS or WAP.

When a melody has been received an icon appears above the left soft key.

Press this key to start the melody manager. This can be used to store the melody in `Explorer` or under `Individual 1` to `Individual 4` (see page 69).

In addition you should always store the melody in `Explorer`. A melody can only be activated if it is stored under `Individual 1` to `Individual 4` (see left). However, melodies stored under `Individual 1` to `Individual 4` are overwritten as soon as a new melody is stored there.

Ringtones, operator bitmaps, screensavers and other services for your Siemens mobile phone can be found at:
www.my-siemens.com/city

This city portal also includes a list of countries where this service is available.

Audio ## Load

Load Press and open the melody in **Explorer** or select under **Individual 1** to **Individual 4**.

Play The melody is played.

Save

The melody to be saved must be currently loaded.

Options Open the menu.

Save as... Select and assign storage location.

Only melodies stored under **Individual 1** to **Individual 4** can be selected as the ringer.

Melody manager Menu

Options Open menu.

Play	Play the current melody.
Save as...	Store melody on **Individual 1** - **Individual 4** or on the **Explorer** (*.mid).
Send via ...	(see page 84)
Load...	Load melody from **Individual 1** - **Individual 4** or from the **Explorer**.
Discard	The current melody is deleted from the melody manager.
Delete...	Delete the melody from the **Individual 1** to **Individual 4**.

Menu → Audio →
select a function:

Compose melody

You can also compose one-voice melodies yourself.

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

Go back and forward in the melody by one note.

Set note/pause half a tone higher/lower.

(8 tuv) Increase length of note/ pause length.

(0 +) Reduce length of note/ pause length.

(+), **(−)** Use the left side keys to set a note/pause one octave higher/lower.

(*) Insert a pause.

Options The menu offers further functions:

Insert note, Delete note, Playback, Delete melody, Load melody, Save melody, Playback speed

Setup

Device

Menu → **Setup** → **Device** →
Select a function:

Language

Set the language of the display text.
When "automatic" is set the language of your service provider is
used. If a language that you do not
understand happens to be set, the
phone can be reset to the language
of your service provider with the following input:

*#0000# 📞

Display

Own greeting

You can create a greeting that is displayed when you switch on the
phone.

> Edit   Activate and deactivate.
>
> 🖐   Delete old message and
>   compose new message.
>
> OK   Confirm changes.

Screensaver

The screensaver shows a graphic on
the display after a user-definable period of time. An incoming call interrupts the function.

If **Security** is activated, the phone
code must be entered each time the
phone is used.

You have the following options:

- Activate, deactivate the function.
- Set style: graphic, analogue clock
  (select graphic page 36).
- Display bitmap viewer.
- Set period after which the screensaver starts.
- Activate/deactivate security setting using the phone code.

> Ringtones, operator bitmaps, screensavers
> and other services for your Siemens mobile
> phone can be found at:
> www.my-siemens.com/city
>
> This city portal also includes a list of countries where this service is available.

Illumination

The display illumination can be
switched on and off (switching it off
increases the standby time).

Big letters

You can change the font size of the
display.

Contrast

Sets the display contrast level.

Setup

Menu → **Setup** → **Device** →
Select a function:

Keys

Any to answer

You can answer incoming calls using any key (except 📞).

Auto key lock

Provided **Auto key lock** is activated, the keypad locks itself automatically if you don't press any key for one minute. This prevents the phone from being used accidentally. However, you can still be called and you can still make an emergency call.

The keypad can also be directly locked and unlocked.

⌨ Hold **down**.

OK Confirm (only when the phone is being switched off).

Key tones

You can set the type of the key tone:

Click or **Tone** or **Silent**

Status

Fact. settings

The phone is reset to the default values (does not apply to SIM card or network settings).

Phone identity

The device number (IMEI) is displayed. This information may be useful for customer service.

Fast search

Network reconnection is faster when this function is active (standby time is reduced).

T9 input

T9 preferred

Activate intelligent text entry or deactivate it.

T9 language

Select language in which the message is to be composed.

Security

The phone and SIM card are protected against misuse by several security codes and should be treated with the same care as a cheque guarantee card.

Keep these confidential numbers in a safe place where you can access them again if required.

PIN	Protects your SIM card (personal identification number).
PIN 2	This is needed to set the charge detail display and to access additional functions on special SIM cards.
PUK	Key code. Used to unlock SIM cards after the wrong PIN has been entered.
Phone code	Protects your phone. Must be entered at the first security setting (4 - 8 digits).

Menu → **Setup** → **Network** → then select a function:

Codes

PIN control

The PIN is usually requested each time the phone is switched on. You can deactivate this feature but you risk unauthorised use of the phone.

Some service providers do not permit this function.

PIN

You can change the PIN to any 4 - 8 digit number (i.e. a number you may find easier to remember).

⌨ Enter **old** PIN.

OK Press.

⌨, OK Enter **new** PIN.

⌨, OK Repeat **new** PIN.

Change PIN2

You can change the PIN 2 to any 4 - 8 digit number (displayed only if PIN 2 is available).

Proceed as with **Change PIN**.

Chg.phonecode

You define and enter the phone code when you call up a phone code protected function for the first time. It is then valid for all functions.

You can change it to any 4 - 8 digit number.

Babysitter

(phone code protected)
Calls can only be made to **one** phone number that is dialled by holding **down** the **left** soft key (page 18).

Menu → Setup → Security →
select a function:

Only ⌐0   ⌐8!

(PIN 2 protected)
The dialling options are restricted to
SIM protected phone numbers. If
only area codes are entered, the rel-
evant phone numbers can be added
to these manually before dialling.

Last 10 only

(phone code protected)
Calls are limited to the call list of di-
alled numbers (page 45). This list
can be filled with phone numbers
specifically for this purpose:
Delete the call list and create "new
entries" by dialling phone numbers
and cancelling before the connec-
tion is established.

This SIM only

(phone code protected)
Your phone is prevented from oper-
ating with **a different** SIM card.

Network

Menu → Setup → Network →
select a function:

Line   ⌐8!

This function is only displayed if it is
supported by the service provider.
Two independent phone numbers
must be registered on the phone.

Select

Select the phone number to be
used.

If you change frequently, it is more
convenient to make the selection us-
ing soft key (page 65).

　1⟩⟩⟩ › Display the active phone
　　　　number.

Special settings can be made for each
phone number (e.g. melody, call divert etc).
Switch to the required phone number first.

To switch the phone number/line (in stand-
by mode).

　(0 +) Press, then:
　Line 1 Press.

Block line

(phone code protected)
You may limit usage to one phone
number.

Setup

Menu → Setup → Network →
then select a function:

Configuration

Network info

The list of GSM networks currently
available is shown.

> ![icon] Indicates forbidden serv-
> ice providers (depending
> on SIM card).

Choose netwrk

Network search is restarted. This is
useful if you are **not** in your home
network or want to register in a
different network. The network info
list is rebuilt.

Auto network selection

Activate or deactivate, see also
"**Choose network**" above.

If "Automatic network" is activated,
the next network is dialled in the or-
der of your "preferred service provid-
ers". Otherwise a different network
can be selected manually from the
list of available GSM networks.

Pref. network

The service providers you prefer af-
ter your home service provider are
displayed in this list (e.g. if there are
several service providers that differ
in price).

If the signal strength of your preferred net-
work is not strong enough when you switch
the phone on, the phone may log on to a dif-
ferent network. This will not change until the
phone is next switched on.

When this function is activated, the
list that your home service provider
proposes is displayed first. You can
edit this as required:

> List Display list of preferred
> networks.

• Create new entry:

<No Title> Select,

then scroll to an entry in the list of
the service providers and confirm.

• Change/delete old entry:

Select existing entry and delete it or
select an entry from the list of the
service providers and confirm.

Band selection   ⌐⊗!

Select either GSM 900 and
GSM 1800.

Menu → **Setup** → **Network** →
then select a function:

Barrings ⏣!

Barring restricts the use of your SIM card (not supported by all service providers). You need a 4 digit password that your service provider supplies you. You may need to be registered separately for each barring.

All outgoing

All outgoing calls except emergency number 112 are barred.

Outgo internat

Only national calls can be made.

Out.int.x home

International calls are not permitted. However you can make calls to your home country when abroad.

All incoming

The phone is barred for all incoming calls (forwarding all calls to the mailbox has a similar effect).

When roaming

You do not receive calls when you are outside your home network. This means that no charges are incurred for incoming calls.

Status check

The following information can be displayed after a status check:

✓	Barring set.
⬚	Barring not set.
?	Status unknown (e.g. new SIM card).

Clear all

All barrings are cleared.

User group ⏣!

Menu → **Setup** → **User group**

If offered by the service provider, this service enables groups to be formed. These have access for example to internal (company) information or special tariffs apply to them. Check with your service provider for details.

User group

Activate or deactivate the function. "User group" must be deactivated for normal phone use (phone code, page 12).

Select group

You may select or add groups other than the preferred groups (see below). The service provider supplies you with code numbers for the groups.

Menu → Setup → User group

Outgo. access

In addition to network control for a user group, it is possible to set whether outgoing calls outside the group are permitted. If the function is deactivated, only calls within the group are permitted.

Preferred grp

If activated, only calls within this standard user group can be made (depending on the network configuration).

During calls

Menu → Setup → During a call → select a function:

Call waiting

If you are registered for this service, you can check whether it is set and you can activate or deactivate it (page 15).

Hide ID

When you make a call, your number may be displayed on the recipient's display (depending on the service providers).

To suppress this display, you may activate the "Conceal ID" mode for the next call or for all subsequent calls. You may need to register separately with your service provider for these functions.

Connectivity

Menu → Setup → Connectivity →
select a function:

GPRS

(**G**eneral **P**acket **R**adio **S**ervice)

GPRS is a new method to transmit data in the mobile network faster. If you use GPRS, you can be connected to the Internet permanently if the network capacities suffice. Advantages of GPRS are e.g.:

• WAP information is transmitted faster.

• Send and receive e-mails without delays.

• You can chat without long delays.

This service is not yet supported by all service providers.

Edit Activate or deactivate GPRS function.

GPRS info

Display of information on the connectivity status.

Fast access in standby mode.

IrDA (infrared)

The infrared port integrated in the phone cannot be used unless the other device has a corresponding port. Align the infrared windows with each other (max. distance 30 cm).

Edit Activate/deactivate IrDA.

Indicator on the display:

If switched on.

During transmission.

Accessories

Menu → **Setup** → **Accessories**
select a function:

Headset

If an original Siemens Headset is
used the profile is activated auto-
matically as soon as the headset is
plugged in.

User-definable settings

Auto answer (factory default: off)

Calls are automatically accepted af-
ter a few seconds. You should there-
fore wear the headset.

Unwanted listening-in is possible!

Automatic settings

- Accept call with the Call key or
  PTT key (Push To Talk) when the
  key lock is activated.
- Activate voice dialling with the
  PTT key.
- Swap using the PTT key.
- End call using the PTT key
  (hold **down**).

Car Kit

If an original Siemens Car Kit is used
the profile is activated automatically
as soon as the phone is inserted into
the cradle.

Modifiable settings

Auto answer (factory default: on)

Calls are automatically accepted af-
ter a few seconds. Depending on
the setup the ignition may need to
be switched on.

📞 Indication on the display.

Unwanted listening-in is possible!

Switch between the phone and
Car Kit Portable

🔊📞 Switch to headset during
a call (if the phone is
connected to Car Kit
Portable).

Auto off (factory default: 2 hours)

The phone is powered by the car's
power supply. The time between
switching off the ignition and deacti-
vation of the phone can be adjusted.

Automatic settings

- Permanent illumination:
  Switched on,
- Auto key lock: Switched off,
- Charge the phone battery,
- Automatically activate Car Kit,
  when the phone is inserted.

HomeStation

These functions are only available
with the appropriate original
Siemens accessories (page 92).

To organise your files, you can use Explorer like a PC file manager. Explorer assigns special folders to different data types:

Menu → **Surf & fun** → **Explorer**

A list of the folders and files is displayed.

Navigate through this list as usual using the menu navigation key:

    Scroll up and down.

    Go back from folder.

To open a highlighted file:

Open Open menu.

Bitmap	*.bmp
Open pictures using the bitmap viewer (page 36).	
Animation	*.bmx
Open animations using the bitmap viewer. (page 71).	
Melodies	*.mid
Open melodies using the melody manager (page 68).	
SMS	
Display archived messages in the editor.	*.smo *.smi
Speech memo	*.vmo
Use the dictating machine to play back voice memos (page 49).	
Miscellaneous	*.*
Other files.	

Explorer menu

Options Open menu

Depending on whether you have highlighted a **file** or a **folder,** you are offered **different** functions.

Open	Open folder.
Start	Start application according to the file format.
Mark/Unmark	Highlight files/remove highlighting.
Delete	Delete all highlighted files.
Delete all	Delete all files.
New folder	Create a new folder and give a name to it (the folder must be on the same level).
Rename	Rename a highlighted file.
Send via ...	(see page 84)
Sort	Set sort criteria (alphabetical, type, time).
Attributes	Display information on the file or folder selected.
Drive info	Display the capacity used and available.

Data Exchange Software

The Data Exchange Software generates an additional drive in Windows ® Explorer.

 Mobile

This allows you to manage the extensive storage options of Explorer in the phone from the PC.

Software installation

Insert the CD-ROM into the drive on your PC and select Data Exchange Software. The installation process is menu-driven.

Operating instructions

The Data Exchange Software includes comprehensive operating instructions and help information. First of all, select the drive icon. You can then access the help function by clicking with the mouse on "**?**" in the menu bar.

Connection

The phone and PC must be interconnected via data cable (see page 82).

File formats/folders

Please refer to the table on page 80 for information on standard folders and file formats. Please ensure that the imported files are copied to the **correct directories depending on their format**. The data would **otherwise** get **ignored**.

N.B.

Please note the following differences compared with Windows ® Explorer:

- Files saved in Explorer cannot be launched from the PC.

- The Data Exchange Software has conversion routines which you can use to determine whether a file should be converted when it is moved/copied.
  e.g.: An SMS to "Text"or a voice memo to "WAV"
  (Windows ® Explorer:
  Activate **Edit - Convert File**).

- Data deleted in Explorer is **permanently deleted** and will no longer be retrievable from the Windows ® recycle bin.

Siemens Quick Sync

This PC program can be used to synchronise addresses and appointments between your phone and Windows® Outlook® 98 or later versions.

Software installation

Please install the Data Exchange Software **before** Siemens Quick Sync.

Insert the CD ROM into the drive of your PC and select
"Siemens Quick Sync".
You will be guided through the installation process by dialogue boxes.

Operating instructions

The Siemens Quick Sync Software offers detailed operating instructions and online help. You can call up help by clicking on "**?**" in the menu bar.

Connection

Phone and PC must be connected via infrared (supported by Windows® 98, Windows® ME and Windows® 2000) or cable.

In order to ensure optimum data flow when the telephone is connected to a computer by cable, please use only original Siemens accessories: Data Cable with the order number L36880-N4501-A148.

Flexible memory

The memory of your phone (approx. 400 KBytes) is used flexibly by various applications and adapts itself to your personal user profile.

Explorer is used by the:

- Addressbook
- Dictating mach.
- SMS Archive
- Melodies
- Pictures

Always delete data not needed any more.

Menu ➔ **Setup** ➔ **Connectivity** ➔
       Fax/data mod.

With the phone connected to a PC,
you can transmit and receive faxes
(class 2) and data. Appropriate soft-
ware for data communication/fax
communication must be available on
your PC and there must be a con-
nection (e.g. IrDA, page 77) to the
phone.

Fax and data services must be ena-
bled by the service provider.
Different networks support different
types of fax/data reception, contact
your service provider for details.

Fax/data mod. ☞₿!

Your service provider must give you
a number for telephoning and a fax/
data number.

Sending

Start your PC communication pro-
gram and enter the required destina-
tion phone number in the program.

Receiving

The call is signalled by a special ring-
er and the type (fax or data) is dis-
played.

Now start the communication pro-
gram in your PC to receive the fax/
the data.

Speech/fax

Send

Menu ➔ **Setup** ➔ **Connectivity** ➔
       Fax/data mod. ➔
       Send vce/fax

Set this function on the phone
before transmission so that you can
switch from voice mode to fax
mode.

While the connection is being set
up, the following soft key is available
for two seconds:

Voice/fx Switch to **Send vce/fax**
         mode; you may now
         send a fax.

Receive

(**Only** if a special fax or data number
is not available.)
Start the required communication
program on your PC and switch on
the function at the phone **during** the
call (the PC accepts the connection).

Menu ➔ **Setup** ➔ **Connectivity** ➔
       Fax/data mod. ➔
       Voice/fax rec

End transmission

End transmission in the PC software
and/or press ☎.

Send/Print...
Send via ...

The phone offers several options to transmit or receive messages and data via various transmission routes, or to print them out. The relevant option menus offer access to this function. These menu items may vary depending on the application.

SMS

Phonebook entries/Addressbook entries, appointments, pictures, melodies etc. can be sent as an SMS to another suitable mobile phone.

Larger objects are split into several SMS messages, if necessary.

IrDA

The infrared port integrated in the phone cannot be used unless the other device has a corresponding port (see also page 77).

This device can be a mobile phone, PDA, PC or printer.

> Send   The data is sent via the selected transmission path

> Print   The data is sent to the connected printer.

All via IrDA

All the entries from the Phonebook, Addressbook and Organiser can be sent or printed via the infrared port.

> Send   The data is sent via the selected transmission path.

> Print   The data is sent to the connected printer.

Set the import mode on the receiving phone (see below).

SMS as text

Business cards, address book entries and appointments can be sent as text in an SMS, provided the number of characters does not exceed 160.

Import

Use this option to switch to import mode to receive the contents of entire address books for example without further confirmation.

Displays

〗〗〗〗〗	Strength of incoming signal.
⊙▸▪	Charging completed.
⊙ ▪	Battery indicator.
⤵🗂	All calls are diverted.
⚡	Ringer off (except alarm).
🔔ₙ	Short ringer (beep) only.
⤴🔔	Ringer only if caller is stored in the Addressbook/Phonebook.
🔔	Alarm is set.
┏━0	Key lock active.
!	Transmission unencrypted.
	Phone numbers/names:
⊞	SIM Card.
🖳	Phone memory.
┏━0	Restricted SIM Card.
✗	No network access.
⫸⫸⫸ ›	Line 1 active (of 2 lines).
✓	Function active.
?	Unknown network function.
⤴	Auto Call answering on.
📖	Addressbook/Phonebook.
abc/ Abc	Indicates whether UPPER or lowercase letters are active.
T9	Text input **with** T9.
🌐	WAP Offline.
🌐⇄	WAP Online.
GPRS	Network supports GPRS.
GPRS▸	GPRS connection active.
¦GPRS¦	GPRS attached.
GPRS	GPRS attached but no connection currently possible.
▶⋮	Infrared standby.
▶))	Infrared transmission.
🎧	Headset mode.
∿	Additional handset mode.
🏠	HomeStation active.
⟮⟯	Alarm clock active.

Calendar icons

📝	Memo.
⋊⋉	Meeting.
📱	Call.
🎂	Birthday.
⋻₌	Speech memo.

Soft keys

✉	Message received.
○○	Voice mail received.
☎	Unanswered call.
▸📖	Store in Addressbook/ Phonebook.
🖳	SIM services.
📞	Switch to handset.
1 2 3	T9 word selection.
▸🗂	Store in archive.

Should you have any questions when using the phone, we are available 24 hours a day at **www.my-siemens.com/customercare**. We have also printed some of our frequently asked questions.

Problem	Possible causes	Possible solutions
Phone cannot be switched on.	On/Off key not pressed long enough.	⊙ Press On/Off key for at least two seconds.
	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under: " charging error "	
Standby time too short.	Frequent use of the organiser and games.	Restrict use if necessary.
	Speed search active.	Deactivate speed search (p. 71).
	Display illumination on.	Switch off display illumination (p. 70).
	Unintentional keystrokes (illumination!).	Activate key lock (p. 71).
	Data cable or MP3-Player plugged in.	Release connection as soon as external devices are no longer in use.
Charging fault (charge icon not displayed).	Battery totally discharged.	1) Plug in charger cable. 2) Wait up to 2 hours until the charge icon is displayed. 3) Charge battery as usual.
	Temperature out of range: -0 °C to +40 °C.	Make sure the ambient temperature is right, wait a while, then recharge.
	Contact problem.	Check power supply and connection to the phone. Check battery contacts and device interface, clean them if necessary, then insert battery again.
	No mains voltage.	Plug in to a different socket or check voltage.
	Wrong charger.	Only use original Siemens accessories.
	Battery faulty.	Replace battery.
SIM error.	SIM card not correctly inserted.	Make sure that the SIM card is correctly inserted (p. 7).
	SIM card contacts dirty.	Clean the SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 3 V SIM cards only.
	SIM card damaged (e.g. broken).	Inspect the damage. Return the SIM card to service provider.

Problem	Possible causes	Possible solutions
No connection to network.	Signal weak.	Move higher, to a window or open space.
	Outside GSM range.	Check service provider coverage map.
	SIM card not valid.	Reclaim at the service provider.
	New network not authorised.	Try manual selection or select a different network (p. 74).
	Network barring is set.	Check barrings (p. 75).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 75). Switching the phone off and on again may speed this up.
Communication difficult in car with handsfree function.	Ambient noise level too high.	Use Car Kit (Car Solutions, p. 92)
Calls not possible.	Dialling error.	New network not authorised (p. 74).
	2nd line set.	Set 1st line 🔳 › (p. 74).
	New SIM card inserted.	Check for new restrictions.
	Charge limit reached.	Reset limit with PIN 2 (p. 12).
	Credit used up.	Load credit.
Certain uses of the phone not possible.	Call restrictions are set.	Barrings may be set by your service provider. Check barrings (p. 73).
	The phone number has more than 20 digits.	Check phone number.
Entries cannot be made in Addressbook/Phonebook.	Addressbook/Phonebook is full.	Delete Addressbook/Phonebook entries (p. 23).
Voice mail does not work.	Call divert to the mailbox not set.	Set call divert to the mailbox (p. 47).
SMS (text message) 📧 flashes.	SMS memory full.	Delete messages (SMS) to make room (p. 31).
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Charge counter does not work.	Charge pulse not transmitted.	Contact your service provider.

Problem	Possible causes	Possible solutions
Message cannot be sent.	Some service providers do not support this service.	Check with yours service provider.
	Phone number of the service centre is not set or is wrong.	Set service centre (p. 35).
	SIM card contract does not support this service.	Contact your service provider.
	Service centre overloaded.	Repeat message.
	SMS transmission via GPRS activated but network does not support this function.	Deactivate SMS transmission via GPRS (p. 35).
PIN error.	Three wrong entries.	Enter the MASTER PIN (PUK) provided with the SIM according to the instructions. If MASTER PIN or PIN has been lost, contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (p. 89).
Service provider code error.	No authorisation for this service.	Contact your service provider.
Too few/too many menu entries.	Functions may have been added or removed by your service provider via the SIM card.	Check with your service provider.
No fax possible.	Incorrect settings in the PC.	Check settings (p. 83).
	No authorisation for this service.	Contact your service provider.
	Wrong infrared driver in the PC.	Install latest infrared driver.
Damage		
Severe shock.	Remove battery and SIM and insert them again. Do not dismantle the phone.	
Phone exposed to moisture.	Remove battery and SIM card. Dry immediately with cloth; do not heat. Dry connector contacts thoroughly. Stand unit upright in an air current. Do not dismantle the phone.	

Reset all settings to the factory default: * # 9 9 9 9 #

Simple, straightforward support for technical and operational queries is available from our online support service on the internet:
www.my-siemens.com/customercare
or in the Troubleshooting (page 86) section of this User Guide.

If repair work is necessary, please contact one of our service centres:

Abu Dhabi 0 26 42 38 00
Argentina 0 80 08 88 98 78
Australia... 18 00 62 24 14
Austria 05 17 07 50 04
Bahrain.. 40 42 34
Bangladesh 0 17 52 74 47
Belgium 0 78 15 22 21
Bosnia Herzegovina 0 33 27 66 49
Brazil 0 80 07 07 12 48
Brunei... 02 43 08 01
Bulgaria.. 02 73 94 88
Cambodia.. 12 80 05 00
Canada... 1 88 87 77 02 11
China 0 21 50 31 81 49
Croatia 0 16 10 53 81
Czech Republic................................ 02 33 03 27 27
Denmark 35 25 86 00
Dubai... 0 43 96 64 33
Egypt... 0 23 33 41 11
Estonia 06 30 47 97
Finland.. 09 22 94 37 00
France 01 56 38 42 00
Germany 0 18 05 33 32 26
Greece.. 0 80 11 11 11 16
Hong Kong 28 61 11 18
Hungary 06 14 71 24 44
Iceland 5 11 30 00
India .... 01 13 73 85 89 - 98
Indonesia 0 21 46 82 60 81
Ireland 18 50 77 72 77
Italy 02 66 76 44 00
Ivory Coast 80 00 03 33
Jordan.. 0 64 39 86 42

Kenya.. 72 37 17
Kuwait 2 45 41 78
Latvia 7 50 11 14
Lebanon 01 44 30 43
Libya 02 13 50 28 82
Lithuania... 8 22 74 20 10
Luxembourg 43 84 33 99
Macedonia 02 13 14 84
Malaysia... 03 21 63 11 18
Malta 00 35 32 14 94 06 32
Mauritius 2 11 62 13
Morocco 22 66 92 32
Netherlands................................. 0 90 03 33 31 00
New Zealand 08 00 27 43 63
Norway... 22 70 84 00
Oman 79 10 12
Pakistan 02 15 66 22 00
Philippines 0 27 57 11 18
Poland 08 01 30 00 30
Portugal 8 00 85 32 04
Qatar... 04 32 20 10
Romania... 0 12 04 60 00
Russia 09 57 37 29 52
Saudi Arabia 0 22 26 00 43
Serbia 01 13 22 84 85
Singapore 62 27 11 18
Slovak Republic 02 59 68 22 66
Slovenia 0 14 74 63 36
South Africa.................................. 08 60 10 11 57
Spain... 9 02 11 50 61
Sweden 0 87 50 99 11
Switzerland.................................... 08 48 21 20 00
Taiwan... 02 25 18 65 04
Thailand 0 22 68 11 18
Tunisia 0 71 86 19 02
Turkey.. 0 21 65 79 71 00
Ukraine 8 80 05 01 00 00
United Arab Emirates 0 43 31 95 78
United Kingdom 0 87 05 33 44 11
USA 1 88 87 77 02 11
Vietnam 45 63 22 44
Zimbabwe.. 04 36 94 24

* 0,12 euro/minute

Declaration of conformity

Siemens Information and Communication Mobile hereby declares that the mobile phone described in this User Guide is in compliance with the essential requirements and other relevant provisions of European Directive 1999/5/EC (R&TTE).

If required, a copy of the signed original declaration of conformity (DoC) can be obtained by calling the company hotline.

$C\!\!\in$ 0168

Technical data

GSM class:	4 (2 Watt)
Frequency range:	880 - 960 MHz
GSM class:	1 (1 Watt)
Frequency range:	1,710 - 1,880 MHz
Weight:	99 g
Dimensions:	109 x 46 x 21 mm (76 ccm)
Operating voltage:	3.6 Volt
Operating temperature:	- 10 °C - 55 °C
Standby time:	60 to 300 h.
Talk time:	100 to 360 min.
SIM card:	1.8 Volt and 3 Volt.
SAR:	0.98 W/kg

Maintenance tips

- The SIM card should be treated with the same care as a cheque guarantee card. Do not bend or scratch it or expose it to static electricity.

- Clean the card with a damp cloth or an anti-static wipe without chemical cleaning agents.

- Protect the phone from moisture and shocks. Do not expose your phone to direct sunlight.

- Remove the battery if you are not going to use the phone for extended periods of time (more than one month).

Phone ID

You will need the following details if you loose your phone or SIM card. Please enter here the number of the SIM card (on the card):

....

15-digit serial number of the phone (under the battery):

....

Customer Service number of the service provider:

....

Lost phone

If you lose your phone or SIM card, contact your service provider immediately to prevent misuse.

Quality declaration for batteries

The capacity of your mobile phone battery reduces each time you charge/discharge it. Storing the battery at temperatures that are too high or too low also causes a gradual loss of capacity.

This can cause the operating times of your mobile phone to reduce significantly per usage cycle. The battery is, however, designed to be charged and discharged within a period of six months from when the mobile phone was purchased.

Following this six-month period, we recommend replacing your battery if you experience a significant drop in performance. Please purchase only Siemens original batteries.

Basics

Li-Ion Battery (840 mAh):
L36880-N4501-A100

Travel Charger:

L36880-N4001-A103 (Euro)
L36880-N4001-A104 (UK)

Desk Top Charger: L36880-N4501-A101
Enables simultaneous charging of
the phone battery and a spare bat-
tery.

Headset PTT: L36880-N4001-A123
Optimum freedom of movement
with excellent call quality. Including
PTT (Push To Talk) key to accept calls
and to activate voice dialling.

Retractable Headset PTT:

L36880-N4001-A160

Car Charger: L36880-N4001-A108

Mobile Holder: L36880-N4501-A102

Mobile Holder Antenna:

L36880-N4501-A103
Mobile holder for connecting an out-
door antenna. Ideal in combination
with the Headset PTT or the
Car Kit Portable.

Carry Set: L36880-N4501-A105
Features a belt clip and a clip for fas-
tening the phone to clothes or bags.

Basic Car Pack: L36880-N4501-A107
Allows handsfree talking and simul-
taneously charges the mobile phone
in the car.

Leather Holster: L36880-N4001-A154
Belt Case: L36880-N4801-A116
Neoprene Case: L36880-N4001-A155
Grip Case: L36880-N4501-A132
Loop Case: L36880-N4501-A133
Leather Case: L36880-N4501-A131
Shoulder Bag: L36880-N4001-A149

Car Solutions

Car Kit Portable: L36880-N3015-A117
Handsfree kit with integrated loud-
speaker, microphone and auto talk
feature. Simply plug into the ciga-
rette lighter socket. Ideal for mobility
between vehicles.

Car Kit Comfort: L36880-N4501-A104
Handsfree kit with first-class digital
call quality and operating conven-
ience.

Includes all the components re-
quired for installation. The individual
antenna solution can be obtained
from your specialist dealer.

Car Kit Professional Voice II
L36880-N4501-A108 (German)
L36880-N4501-A109 (English)
L36880-N4501-A110 (French)

Handsfree kit with voice recognition,
capacity for more than 100 names.
Electronics box with connection for
fax and e-mail transmission via your
notebook.

Includes all the components re-
quired for installation. The individual
antenna solution can be obtained
from your specialist dealer.

Car Kit GPServicePilot:

L36880-N4501-A116
(can be obtained in Germany and Austria)

Car Kit Upgrade: L36880-N4501-A106

Cradle for upgrading your handsfree kit for the C25/28/35, M35, S25/S35, SL45 models.

Optional Car Kit accessories

- Car Handset:
  L36880-N3015-A123

- VDA Adapter Cable:
  L36880-N4001-A121

- Car Data Adapter:
  L36880-N4501-A134

Data/Applications

Soft Data Link 5.0: L36880-N4501-A115

Data Cable: L36880-N4501-A148

Innovations

MP3-Player USB: L36880-N4501-A114
Stereo headset for handsfree talking and superior sound quality when playing MP3 audio files.
The 32 MB MultiMediaCard records 30 minutes of music in premium quality. The package includes the software for downloading and the USB connecting cables.

HomeStation

L36880-N4501-A118 (Germany)
L36880-N4501-A120 (Italy)
L36880-N4501-A122 (Spain)
L36880-N4501-A124 (France)
L36880-N4501-A126 (Great Britain)
L36880-N4501-A128 (Denmark)
L36880-N4501-A130 (Norway/Finland)

Connects the mobile phone to the fixed network so to speak, enabling automatic transfer of incoming GSM calls to a phone on the fixed network.

Incoming GSM calls are diverted to the phone on the fixed network without additional charges and can be handled from there.

Products can be obtained in specialist shops. Visit our online shop under:

SIEMENS Original Accessories	Original Siemens accessories **www.siemens.com/mobilestore**

The Siemens City portal offers a number of ringtones, bitmaps and screensavers for adapting your S45 to suit your particular requirements.

The City portal is on the internet at:

www.my-siemens.com/city

The portal also includes a list of countries where this service is available.

The following pages in the User Guide describe the relevant download process:

SIM services

1 Messages	1-1 New SMS		
	1-2 Use SMS sample		
	1-3 Inbox	1-3-1 SMS	
		1-3-2 Archive	
		1-3-3 Read new CB	
	1-4 Outbox	1-4-1 SMS	
		1-4-2 Archive	
	1-5 Voice message		
	1-6 Cell broadcast	1-6-1 Broadcast	
		1-6-2 Read new CB	
		1-6-3 Topic list	
		1-6-4 Auto display	
		1-6-5 Topic index	
		1-6-6 CB languages	
	1-7 Message setup	1-7-1 SMS	Service centre
			Recipient
			Message type
			Validity period
			Status report
			Direct reply
			SMS via GPRS
2 Records	2-1 Missed calls		
	2-2 Calls received		
	2-3 Calls dialled		
	2-4 Duration/charges	2-4-1 Last call	
		2-4-2 All outgoing calls	
		2-4-3 All incom. calls	
		2-4-4 Remain. units	
	2-5 Charge settings	2-5-1 Currency	
		2-5-2 Personal rate	
		2-5-3 Account limit	
		2-5-4 All calls	
		2-5-5 Incoming calls	
		2-5-6 Auto display	
	2-6 Erase records		

3 Office	3-1 Addressbook	
	3-2 Phonebook	<Own numbers>
	3-3 Organiser	3-3-1 Calendar
		3-3-2 Appointments
		3-3-3 Alarm clock
		3-3-4 Tasks
		3-3-5 Notes
		3-3-6 Missed alarms
	3-4 Clock	3-4-1 Time zones
		3-4-2 Time/date
		3-4-3 Format date
		3-4-4 Auto display
		3-4-5 Auto off
	3-5 Businesscard	
	3-6 Dictating mach.	
	3-7 Calculator	
	3-8 Currency conv.	
	3-9 Voice control	
4 Surf & fun	4-1 Internet	
	4-2 Games	
	4-3 Stopwatch	
	4-4 Countdown	
	4-5 Explorer	
	4-6 Bitmap viewer	
	4-7 Melody manager	
5 Profiles	5-1 Normal envi.	
	5-2 Quiet environ.	
	5-3 Noisy environ.	
	5-4 Car Kit	
	5-5 Headset	
	5-6 <Empty>	
	5-7 <Empty>	
	5-8 Aircraft mode	

6 Audio

6-1 Ringer setting

6-2 Volume

    6-2-1 All calls

    6-2-2 📖 Calls

    6-2-3 VIP calls

    6-2-4 Alarm

    6-2-5 Messages

    6-2-6 Cell broadcast

6-3 Melodies

    6-3-1 - 6-3-6 as 6-2

    6-3-7 Melody manager

6-4 Comp. melody

6-5 Call screening

6-6 Silent alert

6-7 Key tones

6-8 Minute beep

6-9 Info tones

7 Divert

7-1 Unanswered

7-2 All calls

7-3 Spec. divert

    7-3-1 Not reachable

    7-3-2 No reply

    7-3-3 Busy

7-4 Receiving fax

7-5 Receiving data

7-6 Status check

7-7 Clear all

8 Setup

8-1 Device

    8-1-1 Language

    8-1-2 Display

        8-1-2-1 Own greeting

        8-1-2-2 Screensaver

        8-1-2-3 Bitmap viewer

        8-1-2-4 Illumination

        8-1-2-5 Big letters

        8-1-2-6 Contrast

    8-1-3 Keys

        8-1-3-1 Any to answer

        8-1-3-2 Auto key lock

        8-1-3-3 Key tones

8 Setup		8-1-4 Status	8-1-4-1 Fact. settings
			8-1-4-2 Phone identity
			8-1-4-3 Fast search
		8-1-5 T9 input	8-1-5-1 T9 preferred
			8-1-5-2 T9 language
	8-2 Security	8-2-1 Codes	8-2-1-1 PIN control
			8-2-1-2 Change PIN
			8-2-1-3 Change PIN2
			8-2-1-4 Chg.phonecode
		8-2-2 Babysitter	
		8-2-3 Only ⌐0	
		8-2-4 Last 10 only	
		8-2-5 This SIM only	
	8-3 Network	8-3-1 Line (optional)	8-3-1-1 Select
			8-3-1-2 Block line
		8-3-2 Configuration	8-3-2-1 Network info
			8-3-2-2 Choose netwrk
			8-3-2-3 Auto network
			8-3-2-4 Pref. network
			8-3-2-5 Band selection (optional)
		8-3-3 Barrings	8-3-3-1 All outgoing
			8-3-3-2 Outgo internat
			8-3-3-3 Out.int.x home
			8-3-3-4 All incoming
			8-3-3-5 When roaming
			8-3-3-6 Status check
			8-3-3-7 Clear all
	8-4 User group	8-4-1 User group	
		8-4-2 Select group	
		8-4-3 Outgo. access	
		8-4-4 Preferred grp	
	8-5 During a call	8-5-1 Call waiting	
		8-5-2 Hide ID	

Please note:

The numbering may change if your service provider has integrated additional functions into the menu system.

This ME45 mobile phone complies with the limits specified by the European Union (EU) for exposure to radio waves.

These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The limits recommended by the Council of the European Union are based on a unit of measurement known as the Specific Absorption Rate, or SAR. The limit for this phone is 2.0 W/kg[*]. SAR tests are conducted in standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating is usually well below the maximum value. This is because the phone is designed to operate at different power levels so that it only ever uses the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be shown to comply with the European R&TTE directive (CE label). This directive promotes the protection of the health and the safety for the user and any other person. The maximum SAR for this phone, measured according to this standard, is 0.98 W/kg. The SAR value for the ME45 can be found on the internet at www.my-siemens.com. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirements for RF exposure.

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[*] The SAR limit for mobile phones used by the public is 2.0 watts/kg (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary according to national requirements and network bands. SAR information for other regions can be found at www.my-siemens.com

THIS ME45 PHONE MEETS REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your mobile phone ME45 is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg*. Tests for SAR are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are

to a base station, the lower the power output of the phone.

The highest SAR value for this phone model ME45 when tested for use at the ear is 0.98 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the relevant international guidelines for RF exposure.

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* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection to the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at www.my-siemens.com.