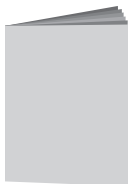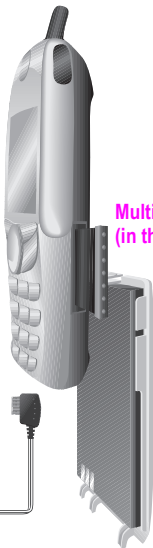# SIEMENS

Be inspired

SL**42**

SL**45i**

Your package

Stereo headphones with
PTT key `SL45i`
(PTT = Push-to-talk)

User guide

MultiMediaCard™
(in the phone)

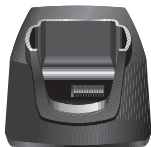Battery
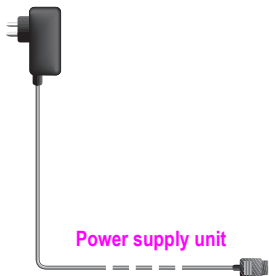
CD ROM `SL45i`

Sync Station `SL45i`
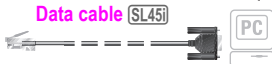
Power supply unit

Data cable `SL45i`

PC

Contents

See also Index at the end of this User Guide

See also Index at the end of this User Guide

Side keys

At the top:
Activate dictating machine.

Centre
(context-sensitive)

⊞ Hold **down**: Start voice dialling.

⊞⊟: Set volume/ scroll up and down in menus and messages.

At the bottom:
Activate MP3 player.

Ringer
To switch on and off:
⁎△ Hold **down**.

Infrared interface
(IrDA, e.g. for PC/ PDA communication)

Display indicators
Reception strength/ battery level
(see also p. 79).

Key lock
To switch on and off:
#⁓ Hold **down**.
OK Confirm (switching off only).

Device interface

Soft keys

The current functions are displayed as icons or text above the keys. The soft keys display the "quick selection" and menu access in standby mode or offer access to a special service such as 📇 the SIM service.

Internet   Menu

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

Control key

In standby mode
▲ **Hold**: Voice dialling
▼ Open Addressbook.
▶ Open menu.

In lists and menus:
▲ ▼ Scroll up and down.
▶ Select function.
 Menu level back.

SMS and Calendar:
◀ ▶ Move cursor.
▲ ▼ Scroll up and down.

On/Off/End key ☎

Press briefly: End call or jump back to the previous menu level.
Hold down: Switch phone on/off or return to standby mode.

Service Provider
01.02.2001 10:35
Internet Menu
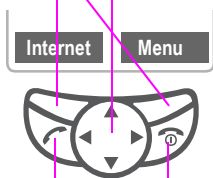
All radio transmitters are subject to restrictions such as:

Switch off in hospitals; medical equipment such as pacemakers and hearing aids may be affected.

While driving:
Do not hold the phone in your hand. Only use one earpiece of the stereo headphones ("Car Accessories", page 89).

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

Switch off near petrol stations, fuel depots, chemical plants or blasting operations.

TVs, radios, PCs, and so on may be affected by interference.

Do not use magnifying glasses or the like to view the infrared port during operation [Class 1LED product (classified according to IEC 60825-1)].

The ring tone is reproduced through the earpiece. First accept the call, then hold the phone to your ear.

Caution: The MultiMediaCard™ and SIM card can be removed; small parts could be swallowed by children.

Please note:

Neither the phone nor the battery should be opened under any circumstances.

No modifications may be made to the phone. Any such modifications will invalidate its approval for use.

We recommend you use only original Siemens batteries and charging devices. Otherwise you risk damaging your health and the product.

The battery cover must not be removed from the battery.

Dispose of used batteries according to statutory requirements.

SIEMENS
Original
Accessories

We recommend you use only original Siemens accessories to avoid possible damage and ensure that the phone complies with all the relevant regulations.

Improper use will invalidate the warranty.

The User Guide

The short guide will suffice for experienced users and those in a hurry.

We recommend you read this User Guide carefully, so that you can use all the functions of the phone fully.

The following symbols are used:

🖐	Enter numbers or letters.
☎	On/Off/End key.
📞	Call key.
⊕	Press control 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 (e. g.):

Menu ➜ **Audio** ➜ **Volume**

The procedure above corresponds to:

Menu	Press soft key.
⊕	Scroll to **Audio**.
⊕	Select **Audio**.
⊕	Scroll to **Volume**.
⊕	Select **Volume**.

This User Guide describes models SL42 and SL45i.

Differences in operation are indicated as follows:

SL42	Information on the SL42
SL45i	Information on the SL45i

Menu Control

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

Main menu

You always reach it from the standby mode when you press the right soft key:

Menu or with

Menu control

⊕	Use the control key to scroll in the menus.
⊕	Select a submenu or a function.
⊕	Go back one menu level (or press ☎ **briefly**).

Option menu

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

Options Press.

Helpsystem

In every menu, you will find the help line at the top which gives you access to the help system by subject. Calling up the help for the first time after switching on can take a few seconds, as the WAP Browser is used to display the help. No Internet connection is established however.

Navigation

```
┌─────────────────────────┐
│ Help system             │
│─────────────────────────│
│ Info on help            │
│ Basics                  │
│ Call                    │
│─────────────────────────│
│     ⇥▯        Link       │
└─────────────────────────┘
```
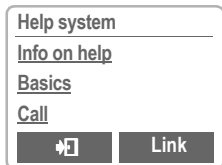
⇥▯   Leave the help system. You return to the point at which you called up the help system.

📑   Go to the main menu of the help system.

Link   Follow the highlighted link and jump to this topic in the help system.

☎   Press **briefly:** Go back to the previous topic in the help system.
Hold **down:** End help and return to standby mode.

Insert SIM card

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.

• Insert SIM card under the retaining ribs ❶. Make sure the angled corner is in the correct position, gold contacts pointing downward.
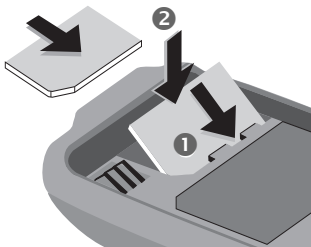
• Press SIM card downward ❷ until the latch engages.
• Then insert the battery (see p. 8).

Only 3 Volt SIM cards are supported. Older SIM cards (5 Volt technology) cannot be used. Please contact your Service Provider.

Remove SIM card

• Switch off phone.
• Unlock and remove battery.
• Press latch inward ❸ until the SIM card jumps out a short way.
• Remove the SIM card.

Latch
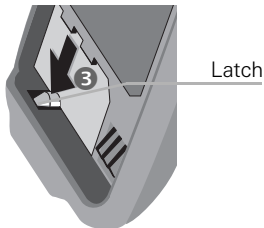
Functions without SIM card

If the phone is switched on without the SIM card, the following appears:

Please insert your SIM card!

| SOS | Menu |

Menu   Press soft key.

All the functions that can be used without the SIM card are shown. You will find a description of these functions in this User Guide.

SOS   "Emergency number (SOS)", p. 12.

Insert battery

- Insert battery at the bottom of the phone ❶ and press inward until it clicks into place ❷.
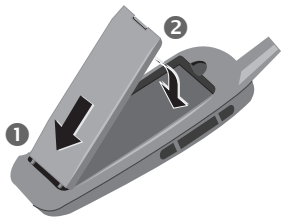
- Switch off the phone before you remove the battery.
- Unlock battery ❷, then remove ❶.

Charge battery

The battery is not fully charged when delivered, so follow the instructions given for each model.

> 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.

Charger cable `SL42`

Insert the charger cable of the plug-in power supply directly into the socket on the phone.

Compress the connector to remove the charger cable.
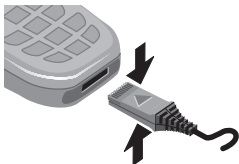
Sync Station `SL45i`
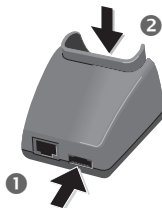
- Interconnect the socket and the Sync Station ❶ with the plug-in power supply.
- Insert the phone into the Sync Station ❷ and press downward until it engages. The contact message is displayed (alternatively: plug in power supply directly to the phone).

⚠️ The voltage indicated on the Sync Station must not be exceeded.

Charging

The charger heats up when used for long periods. This is normal and not dangerous.

⊕→▭ 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).

Usage time

A fully charged battery provides 80 to 230 hours of standby time or 1½ to 5½ hours of talk time. The standby times/talk times are average values; the actual values depend on the operating conditions (see table below).

Charge level display:

Fully (¢▭▭) (¢▭) (¢ ▭) Empty charged

A beep sounds when the battery is nearly empty.

Operation carried out	Time (min)	Decrease of standby time
Calling	1	30 - 60 min.
Playing music	30	20 - 30 h.
Display backlight*	½	30 min.
Network search	1	5 - 10 min.
*Key input, games, organiser etc.		

With the MultiMediaCard™, your phone acquires a very large memory. It enables you to store numerous addresses, MP3 music files or voice memos. You may also use the MultiMediaCard™ like a floppy-disk to save any other desired files.

Change the MultiMedia-Card™

- The MultiMediaCard™ is already in the phone when it is shipped from the factory.
- Push open the small button opposite ❶ (using a pen for example). Remove the MultiMediaCard™ carrier from the phone ❷.
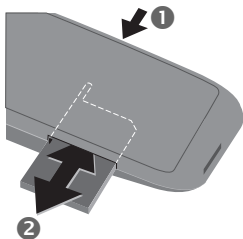
- Insert the MultiMediaCard™ into the carrier ❸.
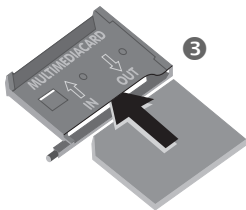
- Slide the carrier with the Multi-MediaCard™ into the phone again ❷.

Please, treat the MultiMediaCard™ carefully. Do not bend it or expose it to static electricity.

File management

The Card-Explorer is available in the phone for organising your files (see p. 73). In combination with a PC, you can also use the Data Exchange Software (see p. 77).

Note that the entries on the MultiMediaCard™ are not automatically linked with the entries on the SIM card. For example, entries that you make in the Addressbook are only stored on the MultiMediaCard™.

New MultiMediaCard™

1. Save the data of your old MultiMediaCard™ on a PC using the Data Exchange Software. Save your Addressbook entries with the Siemens QuickSync Software.
2. Format the new MultiMediaCard™ using the Data Exchange Software.
3. Copy the data from the PC to the new MultiMediaCard™ using the Data Exchange Software. Copy the Addressbook entries with Siemens QuickSync.

Switch on

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

When you switch the phone on for the first time the language of your Service Provider is loaded for the display prompt (see also p. 62). This takes a few seconds.

Enter PIN

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

- Enter your PIN code using the digit keys (shown as a series of asterisks, if you make a mistake press ◄ C).
- Confirm input.
  Press the soft key (see diagram).

**Please enter
your PIN:**
****

◄ C   OK
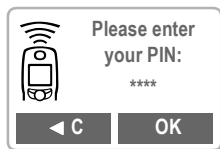
Logging on to the network will take a few seconds.
When the name of the Service Provider appears in the display, the phone is **in standby mode** and **ready for use**.

Addressbook

When you switch on the phone for the first time the Phonebook entries are copied from the SIM card to the Addressbook. Please do not interrupt this process and reject all incoming calls.

SIM card

Whenever you change a SIM card you are prompted to copy the names and phone numbers stored there to the MultiMediaCard™ after you have switched on the phone. Follow the instructions on the display.

If you want to copy the data of the SIM Card to the MultiMediaCard™ later on, you can use the functions in the SIM memory menu (see p. 22).

Problems with the SIM card

If "**Please insert your SIM card!**" is displayed, check for faults, see p. 83.

Wrong PIN?

If the PIN is entered incorrectly three times, the SIM card is barred, see p. 81.

Activate/Deactivate PIN control, Change PIN No., see p. 66.

Emergency number (SOS)

By pressing the soft key **SOS** you can make an emergency call over the network without a SIM card and without entering a PIN (not possible in all countries).
This must only be used in real emergencies.

Network connection

▶▶▶▶ Strength of the incoming signal.

▶ ›››› A weak signal reduces the call quality and may lead to loss of connection. In this case, change your location.

Do not interfere with the antenna at the top of the phone unnecessarily during operation, otherwise the quality of the connection may be impaired.

Metal parts in the vicinity of the antenna can impair the reception and transmission quality.

If you are outside your "home network", your phone automatically selects another GSM network (see also p. 67).

SIM services

🔲▭ This symbol is displayed if your SIM card supports special applications such as banking.

Aircraft security

If you have deactivated PIN control (see p. 66), you must provide additional confirmation before the phone can be switched on.

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

📞 Hold **down**.

> **Aircraft security**
> **Please confirm to**
> **activate**
>
> **OK**   **Cancel**

OK Select:
The phone is switched on.

Cancel Select or do nothing:
The activation procedure is aborted; the phone is not switched on.

Dialling with digit keys

The phone must be switched on (standby mode).

📱 Enter the number

- if necessary with international dialling code

- national only for calls to the national fixed network.

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

✦⁄✦ Store phone number in the Addressbook, see p. 19.

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

End call

📞 Press the End key. The call is ended.

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

International dialling code

You can access international dialling codes stored in your phone:

0 + Press the key until a "+" symbol appears.

+List Press.

Select the required country from the list. 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.

Stereo headphones: SL45i

Plug in the stereo headphones at the bottom of the phone. With the PTT key you can use the functions "answer call, end call" and in standby mode you can use voice dialling (see p. 25).

If there is a call, the music is automatically interrupted. Press the PTT key on the headset cable to accept the call (see p. 27).

Warning:
Both earpieces must never be used when driving or operating machinery.

Microphone

PTT key

Making a phone call
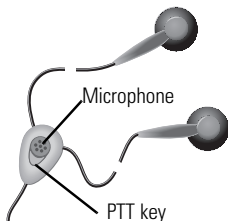
When number is busy

If the number called is busy or it cannot be reached because of network problems, the following options are available:

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 phone number can be dialled.

To end:

Press `Off`
or
end key $\bullet$.

Any other call ends the function.

Reminder

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

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 of last calls, then press...

... to dial.

`Options` You can add a phone number to the Addressbook or edit an entry or delete it.

Accept call 〰!

The phone must be switched on to
receive calls (in standby mode).

02079898767

| Answer | Reject |

or, if call divert is set:

| Answer | Divert |

accept a call with:

📞 **or** `Answer` or with

`Divert` divert the call.

End call

📞 Press.

Reject call

📞 **or** `Reject`
The caller hears the busy signal.

| `Divert` | Diverts, say, to the mailbox, if this diversion has been set, see p. 60. |

**Accepting with stereo
headphones** `SL45i`

If a call comes in, the music is automatically interrupted. Press the PTT key to accept the call or to end the call (see p. 27).

Accepting with Answer.message

You must have recorded and activated an Answer.message.

When a call comes in, press the dictation key **briefly**. The call is accepted and an Answer.message is played without you having to speak (see also p. 31).

The numbers of calls that have been received and missed are stored for call backpurposes, see p. 53.

You can also press any key to accept a call, for the setting, see "Any key answer", p. 62.

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

For data calls and fax calls see p. 75.

For functions during the call see p. 16.

Switch off the ringer for the current call:

🔆 Hold down.
The call is displayed. The caller hears the dialling tone.

During a call

Call waiting

c8!

> You may need to register for this service
> with your Service Provider and set your
> phone accordingly (see p. 70).

During a call you may be advised
that there is another call waiting.
You will hear a special tone during
the call. Now, 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 (see p. 60).

End current call

📞   End the current call.

Answer   Accept the new call.

Set volume

High ➡

Low ➡
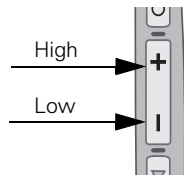
You can adjust
the handset
volume with
the keys on
the phone.

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

Dictating mach.

You can play back a recording (the
person on the other end of the line
also hears it) or record the call,
see p. 29.

Phone number memo

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

Follow the instructions on the
display.

Swap/Conference

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 your partner about your intention then:
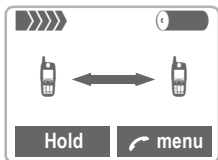
Hold   Put the current call on hold.

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

Swap

Swap   Swap back and forth between the two calls.

When the current call is ended, the following query is displayed: "Return to call on hold?"

Yes   Return to the held call.

No   The held call is ended.

Conference

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

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

To end:

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

Call transfer

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

The original call is joined to the second call. For you, both calls are now ended. Not supported yet by all Service Providers.

Call menu Options

Microphone off	Switch the microphone on or off. If switched off, the person on the other end of the line can't hear anything.
	Alternatively:
	⁂ Hold **down**.
Conference	(see p. 17)
Time/Charge	While the connection continues, the call duration and (if set, see p. 59) the call time/ cost are displayed.
Call transfer	(see p. 17)
Main menu	Direct access to the main menu.
Call status	List all held and active calls (e.g. participants in a conference call).
Send DTMF tones	Transmit the control codes created by the keys or Addressbook.

Send DTMF tones

Digits entered during a call are transmitted directly as DTMF signals so that an answering machine, for example, can be controlled (DTMF = Dual Tone Multi Frequency).

Menu ➔ **Organiser** ➔ **Addressbook**

or

⊕ from standby mode

You can store names, addresses and phone numbers in the Addressbook. The Addressbook is only available if a MultiMediaCard™ is inserted. Without a MultiMediaCard™ you can only access the SIM card (with restricted functionality) (p. 22).

New entry

⊕ Open Addressbook (in standby mode).

```
⌐🗐 Addressbook    🔎
Zacharias
New entry
Businesscard
              Select
```

Select Press.

The entry card for an address is displayed.

```
⌐✎ Abc Addressbook
Last name:
|
First name:

🗐▸        Save
```

Enter **at least** the first or last name and a phone number.

⊕ Make your entries field by field:
- Last name:
- First name:
- Company:
- Email:
- Phone:
- Tel.office:
- Tel.mobile:
- Fax:
- Street:
- Postcode:
- City:
- Country:
- URL: (Internet address)
- VIP:

Save Press.

VIP
You should only assign important entries to the VIP group.
You may display the VIP entries at the top of the Addressbook (see p. 21).
You can set your phone so that the ringer sounds only for calls from numbers in the VIP group (see p. 57).
A call from a VIP entry can be announced by a special melody (see p. 56).

🗐▸ Copy data from a different Addressbook entry.

Phone number

Always enter fixed network phone numbers with the prefix, if necessary with the international dialling code.

Text entry

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

`2 ABC`	Press **briefly** 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 erase the letter preceding the cursor, **hold down** to erase the whole name.
	Move the cursor.
`* `	Switch between uppercase, lowercase and digit entry.
`0 +`	Write: **+ 0 - . , :**
`1 `	Create a blank.

Special characters

&, **@, ...** Special characters, see p. 45.

Read entry

You can access all entries via the address list.

Open Addressbook (in standby mode).

Select required entry.

`View` Press to display the entry.

> /🖅 **Addressbook**
> **Last name:**
> **Einstein**
> **First name:**
> **Alfred**
> **Edit**
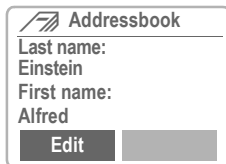
Right soft key

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

`VoiceDial` Phone number ("Voicedialling", page 25)

`Link` URL

Activate the relevant application with the soft key:

`VoiceDial` Start recording for this phone number.

`Link` Start WAP browser with this URL.

Search entry

With the Addressbook open, simply type the first letter of the name you require.

The first entry that begins with this letter is displayed. Continue by typing the second letter and so on until the name you want is displayed.

A magnifying glass icon appears in the upper right-hand corner of the display with the search letters.

◄ C   Deletes the letter just entered.

Call entry

⬥   Open Addressbook (in standby mode).

⬥   Select required entry.

📞   Press.

If multiple phone numbers are stored in this entry, the list of phone numbers is displayed.

⬥   Select the required phone number.

📞   Press.

Addressbook Menu Options

With the Addressbook open, the following functions are available depending on the current situation:

Scroll to

Options	Open menu.
View	Read entry.
Group sorting	The entries of the **VIP group** (see p. 19) are displayed at the top. Alphabetic sorting can be reactivated with **A-Z sorting**.
Edit	Display the entry for changes.
New entry	See "New entry", p. 19.
Delete	Delete the entry from the Addressbook.
Delete all	Delete all entries after confirmation.
Copy to SIM	Copy name and the first phone number to the SIM card.
SIM location	Access the restricted functions of the SIM card (p. 22).
Send via ...	IrDA: Transmit in vCard format to a suitable device (see "IrDA", p. 70). SMS: Transmit as SMS message.
Print via IrDA	Transmit entry to a suitable printer via IrDA.
Capacity	Displays the capacity used and available.

SIM location

Menu ➔ **Organiser** ➔ **SIM location**

or

`5 JKL` Hold **down**

The list with the current entries is displayed. The relevant storage locations are displayed by icons.

The entries are managed separately from the Addressbook, but you can move data between the SIM card and the Addressbook.

View Display entry.

Own

You can enter "own" numbers (e.g. fax).

Only a restricted options menu is available for your own numbers.

Services/Info

The numbers that you are offered by your Service Provider are stored here. They allow you to contact local or nationwide information services or use the services of the Service Provider.

SIM location Menu **Options**

(navigation)	Select entry.
Options	Open menu.
New entry	Enter first and/or last name and phone number.
Edit	Display phone number and name for alteration.
Delete	Clear the entry selected.
Delete all	Delete all entries after confirmation.
Send via ...	IrDA: Transmit in vCard format to a suitable device (see "IrDA", p. 70). SMS: Transmit as SMS message.
Copy into	Copy the selected entry to the Addressbook.
Copy all into	Copy all SIM card entries to the Addressbook.
Move to ...	See p. 23.
Voicedialling	Start recording (see p. 25).
Capacity	Displays the capacity used and available.

Move (storage location)

An entry may be moved to other storage locations:

SIM

Address entries on the SIM card only take the form of last name and phone number.

Mobile (phone memory) 📇

Address entries only take the form of last name, first name and phone number.

If the SIM card is full, further entries are automatically kept in the memory.

Protected SIM 🔒   ⌀!

Part of the SIM memory can be protected by PIN 2. Depending on the SIM card, dialling can be limited to these phone numbers. For editing, PIN 2 is needed (see p. 66).

Store control code

You can store phone numbers <u>and</u> control codes (digits) in the Addressbook as standard Addressbook entries (for operating an answering machine by remote control, for example).

📱   Dial number.

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

📱   Enter control code (digits).

⓪＋   If necessary enter other pauses of three seconds each to ensure correct processing at the destination.

▸⁄⁄   Press and enter a name and, if necessary, further details.

Save   Save entry.

You can also store the control code (digits) like a phone number and send it during a call (see p. 18).

Extending numbers

Using an external PC program such as Microsoft® Outlook®, parts of a number can be replaced by "?" and can then be transferred to the Addressbook (for company numbers for example).

To call:

⟐   Open Addressbook and select (partial) number.

📞   Press.

📱   Replace "?" with digits.

📞   Dial number.

Synchronising with Outlook®

You can synchronise your Addressbook with your Outlook® database using Siemens QuickSync software (see p. 78).

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.

Create new

Menu ➔ **Organiser** ➔ **Businesscard**

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

Go from field to field and make your entries:

- Last name:
- First name:
- Company:
- Email:
- Phone:
- Tel.office:
- Tel.mobile:
- Fax:
- Street:
- Postcode:
- City:
- Country:
- URL: (Internet address)

Save   Press.

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

When you are sending a business card, please note that a maximum of 160 characters can be transmitted.

Businesscard Menu Options

Options   Open menu.

Send via ...   IrDA: Transmit the entry in vCard format to a suitable device ("IrDA", page 70).

SMS: Transmit as SMS message.

Print via IrDA   Transmit to a suitable printer, see "IrDA", p. 70.

Up to 20 numbers/functions can be selected or started simply by saying a name.

Voicedialling
(for phone numbers)

Menu → **Organiser** → **Voice control** → **Voicedialling**

New record (see also p. 20)

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

New record ... then

📲 enter name and phone number or use

✏️ to retrieve from the Addressbook in 2 steps with Select.

Save Confirm.

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

Voice command
(for functions)

Menu → **Organiser** → **Voice control** → **Voice command**

New record

A list with the commands **Dictating mach.** and **MP3 Player** is displayed.

🕹️ Select command.

Select Confirm, then proceed as with "Voicedialling".

Apply

Activate Voice control in standby mode:

🕹️ Hold **down** control key or

⊞ hold **down** side key or

press PTT key **briefly**.

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

Voice control Options

All entries are displayed:

🕹️ Select entry.

Options Open menu.

New record	Start a new recording.
Delete	Delete the entry selected.
Delete all	Delete all entries after confirmation.
Edit	Change name and phone number (Voicedialling only). If necessary do the recording again.
Replace record.	Redo the (voice) recording of an entry.

Your phone is equipped with an MP3 player. You can immediately listen to the music supplied with the SL45i (on the MultiMediaCard™). You can import other music files using the Data Exchange Software (see p. 77).

Play

Plug in the stereo headphones (only **SL45i**) at the bottom of the phone.

Menu ➔ **Surf/Fun** ➔ **MP3 Player**

> **MP3 Player**
> **<Play list>**
> **<Title>**
> **<Title>**
> **Options**   **Play**
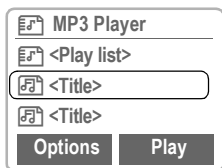
Choose a song or select a playlist.

Press.

Track information

Here is an example of the information displayed while the song is being played:

Sample Rate   Stereo/Mono   Total time

> **Kleine Nachtmusik** — Song
> **44 kHz**   ☉☉   **4:45**
>
> **1:35** —— Cur. play time
> **Mozart** —— Information
> **Info**   **Pause**
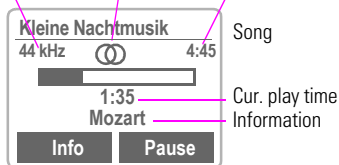
(Sample Rate: 44kHz = almost CD quality, maximum for playback)

Control

Music is controlled with the control key and/or with the side keys.

With the control key:

Jump forward or back one track in a playlist or if the MP3 player was activated with ▽.

Pressed **briefly on the right:** Play/Pause.

Pressed **briefly on the left:** Stop (stop song).

Hold down: Fast forward, reverse.

With the side keys:

(when MP3 Player without function)

Loud

Quiet

Activate MP3 Player (pause/playback) from standby mode

With the soft keys:

Pause / **Play**   Right key (also PTT key)

Info   Left key

▸▤ Create playlists

To select a number of songs to play
one after the other you can put them
in a playlist (folder).

From standby mode:

Menu ➔ **Surf/Fun** ➔ **MP3 Player**

The MP3 player list is
displayed.

Options Open menu
(see MP3 player menu on
the next page).

Create playlist

Creates a new list that
can be given any name
(such as **Reggae**).

OK Confirm.

Now songs can be copied
to the (as yet) empty
playlist.

```
▸▤ Play list




   Options        Add
```
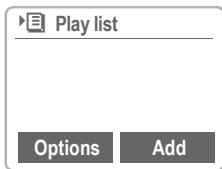
Add Confirm.

or

Options Open menu.
(see playlist menu on the
next page).

Add song

Select.

⬖ Select song from the
MP3 player list.

Add Confirm.

Repeat procedure until all
the songs have been cop-
ied to the playlist.

When the playlist is completed:

☎ Return to the MP3
player list.

Key lock during play mode

If you activate the key lock during play mode
(hold down [#]), the side keys are **not**
barred.

Active key lock is indicated in the display by
🔒 as usual but when the key lock is ac-
tivated, no confirmation prompt is displayed.

There is **no need** to confirm release of the
key lock.

Menu overview:

MP3 Player-Menu Options

Delete	Delete the highlighted entry.
Create playlist	Create a new playlist.
Modify playlist	(Only when playlist is selected) Open an existing playlist for modification. For information on the functions available see "playlists menu" below.
Rename	Rename the playlist.
Shuffle	Random sequence of songs.
Repeat	Play again.
Timbre	Choose timbre.

Play lists Menu Options

Add song	Add new song to the playlist.
Delete	The song is deleted **only** from the playlist.
Delete all	Delete all entries after confirmation.
Move	Change sequence of songs.

Load music

(Sync Station and data cable are optionally available for SL42.)

Music files in MP3 format can be copied from your PC to the MP3 folder on the MultiMediaCard™ using the Data Exchange Software (see also p. 77).

Not all MP3 encoders provide the correct MP3 format. We recommend you use the RealJukebox™ program provided on the CD (deactivate the safety function!).

You have a call!

If a call comes in the music is automatically interrupted. You hear the ringer. Press the PTT key on the headphone to accept the call.

Note

The songs you can copy and play with the MP3 function on your phone are protected by copyright under current national and international legislation. In some countries no copies may be made without the prior consent of the copyright holder; this applies also to private use.
Please check current legislation regarding copyright and abide by the law.
These restrictions do not apply to music for which you hold the copyright (your own compositions) or to recordings for which the copyright holder has granted you permission.

With voice recording you can

• use the phone to record memos on the move.
• record a call - useful for remembering numbers or addresses.
• add a voice memo to an alarm in the Calendar (see p. 33).

Side keys

The voice functions are best controlled with the keys on the side of the phone.

Recording, playback (dictation key)

Loud

Quiet

(no function for dictating machine)

Legal notice

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.

Record

The length of a recording is limited only by the memory capacity available at the time. A 10 minute recording needs about 1 MB memory.

Recordings using the Dictating mach. are stored as *.VMO files. If they are transmitted to a PC using the Data Exchange Software (p. 77) they may be converted to *.WAV files (Windows ® Explorer: Activate **Edit - Convert file**).

Using the side keys

We recommend this procedure for short voice memos.

Start

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

Recording pause

Release the dictation key to pause. Press the key again to resume recording. Pausing for more than 10 seconds will stop the recording.

End/save

Recording is stopped if you release the dictation key for more than 10 seconds. The recording is stored with the current recording time as its name.

A different name can then be assigned to it (see Dictating machine menu, p. 30).

Dictating machine

Using the soft keys

For use as dictating machine.

Menu ➔ **Organiser** ➔ **Dictating mach.**

The list of recordings is opened:

New   Select.

Record Start recording.

    Pause Pause recording

    or

    press **briefly on the right:**
    Pause recording.

Stop   End recording

or

    press **briefly on the left**:

    End recording then

Play   play back

or

Save   store straight away and assign name.

    One recording forward or back.

Using the PTT key   **SL45i**

- Select the "Dictating mach." function with the voice command.
- After you hear the beep press the PTT key **briefly** to start recording.
- Press again **briefly** to switch between pause and recording.
- Hold **down** the PTT key to end and save the recording (confirmation beep).

Play

In standby mode, press the dictation key **briefly** to play the last recording (this is also the pause function).

or

Menu ➔ **Organiser** ➔ **Dictating mach.**

The list of the saved recordings is displayed.

    ⋟ Dictating mach.
    New
    Customer query
    Purchasing
    Options   **Play**
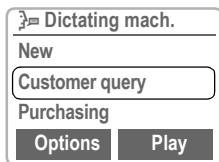
    Select required recording.

    Press **briefly** for playback.

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

    End playback.

Dictating mach. Menu **Options**

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.

This special recording can be played back if you cannot accept a call in person immediately.

For example: You are in a conference and a call is signalled by a trembler alarm. You answer it and play the following announcement: "Please don't hang up , I'll speak to you in person in a moment."

Record

The recording time is displayed numerically and also indicated by a graphical progress bar.

`Menu` ➔ **Organiser** ➔ **Answer.message**

The list of recordings is opened:

New   Select.

`Record`   Start recording.

`Stop`   Stop recording.

```
⏰ Answer.message
Total Time:  25 sec.
13.09.01-14:35:08
□□□□□□□□□□
0:00
  Save        Play
```
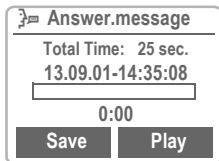
`Play`   Play back the announcement for control purposes.

`Save`   Assign a name to the recording.

Answer.message Menu `Options`

Play	Play back the entry selected.
New record	Record a new announcement.
Delete	Delete the entry selected.
Delete all	Delete all entries after confirmation.
Rename	Assign a different name to the entry.

Activate

`Menu` ➔ **Organiser** ➔ **Answer.message**

The list of announcements is opened:

Select entry.

`Change`   Press to activate this announcement.

Apply

Press the dictation key **briefly if there is an incoming call**.

Dictation key
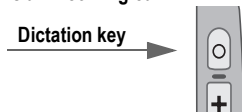
The call is accepted and the announcement is played continuously until you ...

    ... accept the call.

Calendar

➔ **Organiser** ➔ **Calendar**

The Calendar offers you a

- monthly view,
- weekly view,
- daily view (Agenda).

The time and date must be set for the Calendar to work properly (see p. 64).

Monthly view

```
┌─────────────────────────┐
│ Th    Sep2001      W38  │
│                    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  30  │
│    Week    │   Agenda   │
└─────────────────────────┘
```

back ─────────➔ | Scroll between the months.
forward ──────➔ |
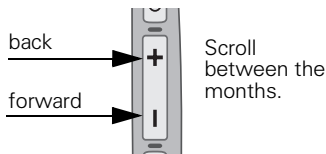
Scroll through the weeks.

Scroll through the days.

Week Display the weekly view.

Agenda Display the daily view.

Synchronise with Outlook®

With the Siemens QuickSync software you can synchronise your Calendar with your Outlook® calendar (see p. 78).

Weekly view

```
┌─────────────────────────┐
│ Th    Sep2001      W38  │
│ M  T  W (T) F  S   S    │
│ 17 18 19 20 21 22  23   │
│ 8 ─   ─   ─   ─   ─     │
│ 12 ─   ─   ▄▄  ─   ─    │
│ 16 ─   ─   ▄▄  ─   ─    │
│   Month    │   Agenda   │
└─────────────────────────┘
```

Scroll through the day.

Scroll through the days.

Agenda Daily view.

─ Schedule. Time overlaps are highlighted.

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

Daily view

Agenda Select.

You may enter several appointments in the daily view for each day. When an appointment with an alarm is reached you will hear a beep.

```
┌─────────────────────────┐
│ Th    20.09.2001        │
│ New entry               │
│ 🔔 11:30 Presentation   │
│ 🔔 15:00 Flight         │
│   Options  │    View    │
└─────────────────────────┘
```

Appointments

➔ **Organiser** ➔
Appointments

Displays **all** entered appointments in chronological order.

Appointments Menu `Options`

The menu is only available in the daily view (agenda) and appointments list if there is at least one appointment in the Calendar.

New event	See next column.
Delete	Delete the entry selected.
Delete all	Delete all entries after confirmation.
Edit	Open the entry for changes.
Send via IrDA	Transmit to suitable device.
Send via SMS	Transmit as SMS.
Print via IrDA	Transmit to a suitable printer.
Activate, Deactivate	Activate or deactivate an alarm.
Week starts Su	Set first day of the week.

🔔 Display when alarm is activated.

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 ringer and trembler for all alarms:
See "Without Alarm", p. 55.

`Pause` delays the alarm by 5 minutes.

Ringer setting, see p. 56.
Clock, see p. 64.
Alarms missed, see p. 53.

New appointment

`Menu` ➔ **Organiser** ➔ **Appointments** or

`Menu` ➔ **Organiser** ➔ **Calendar**

`Agenda` Select.

New entry Select.

⊕ Make the entries field by field.

Type of Alarm:

📝 **Memo.** A short text may be added (up to 16 chars.).

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

🎭 **Meeting**

🎂 **Birthday**

🔊 **Voice Memo**

Description:
Name of the appointment.

Alarm:
Activate, Deactivate.

Date: / End date:
Start date of the appointment or sequence of appointments and end date if necessary.

Start time: / End time:
Start time of the appointment, enter end time if necessary.

Reoccurrence:
Select period for repeating the appointment.

`Save` Store the appointment.

Calculator

Menu ➜ **Organiser** ➜ **Calculator**

🔢 Enter number.

−◁(◇)▷+ Select calculator function.
(with / on top, x below)

🔢 Repeat procedure with other numbers.

#⤶ Result is displayed.

Special functions

Press the right soft key repeatedly:
(indicated in the display)

.	Set decimal point.
±	Toggle between "+" and "-".
%	Convert to percentage.
📥	Save the number displayed.
📤	Retrieve the number saved.
e	Exponent (only one digit).

Currency Conv.

Menu ➜ **Surf/Fun** ➜ **Currency Conv.**

You may store up to three different currencies.

Enter currency

To convert, enter at least two currencies.

New entry Select.

🔢 Enter the symbols for your own currency and for the foreign currency.

OK Confirm.

🔢 Enter exchange rate.

OK Confirm.

Convert

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

◁(◇)▷ Select one combination from the list of possible combinations.

Select Confirm.

🔢 Enter amount (up to 8 digits).

#⤶ The result is displayed.

Special functions

✱⤶	Set decimal point.

Currency Conv.-Menu **Options**

You may change, enter or delete currencies and rates.

Menu ➔ Surf/Fun ➔ Internet

Get the latest WAP information from the Internet that is specifically adapted to the display options of the phone.

Internet access may require registration with your Service Provider.

Settings

Preparation of the phone for Internet access depends on your Service Provider:

- If the settings have already been made by the Service Provider, you may begin immediately.
- If access profiles have already been assigned by your Service Provider, select a profile and activate it (see p. 38).
- Otherwise the access profile must be set up and activated manually (see p. 37)

If necessary, check with your Service Provider for details.

🌐⇄ Online 🌐 Offline ✕ no network

The current display is in the upper left corner.

🔘	Activate or deactivate full page view.
+ −	Scroll page-by-page.
▽	Font bigger or smaller.

Note

For Internet access, remove the phone from the Sync Station.

Internet access

Menu ➔ Surf/Fun ➔ Internet

The start menu appears:

```
┌─────────────────────────┐
│ 🌐 Internet             │
│ ------Help------        │
│ ┌─────────────────────┐ │
│ │ Homepage            │ │
│ └─────────────────────┘ │
│ Resume                  │
│              Select     │
└─────────────────────────┘
```
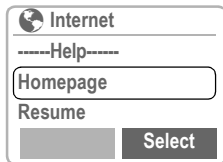
⬡ Select the required function.

Select Confirm.

------Help------

User guide (help system).

Homepage

The first WAP Internet page that is displayed after connection is established (may be set/preset by the Service Provider).

Resume

Call up recently visited pages that are still in memory.

Favorites

Display up to nine of your most important WAP pages for fast access.

Profiles

Set up to five access profiles (see p. 37).

🔘 Hold **down** to end the Internet connection.

Internet (WAP)

Example: Homepage

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

```
┌─────────────────────────┐
│ 🌐⇄ Internet            │
│ ─────────────────────── │
│ News                    │
│ Sportinfo               │
│ Weather                 │
│ ─────────────────────── │
│   Menu         Link     │
└─────────────────────────┘
```

The contents of option menus are also variable.

Browser Menu

You must be in the Internet application (online or offline).

📞   Press.

Homepage The first WAP Internet page that is displayed after connection is established (may have been set/preset by your Service Provider).

Add book-mark Store the current WAP page as a bookmark **with your Service Provider** (not available everywhere).

Favorites Display up to nine WAP pages for fast access.

Select **New entry** to manually enter a URL. Further functions via Options .

Disconnect End connection.

Reset Delete the pages last visited (cache).

More ... See below.

Exit Browser End browser and connection.

More ...

Go to URL Option for accessing an Internet address (URL = Uniform Resource Locator) .

Show URL Show the current Internet address.

Channels Access to services offered by the Service Provider.

Outbox Contains e-mails to be transmitted later (depends on the Service Provider).

Encryption For secure data transmission some information is encrypted.

Contact your Service Provider to install a key.

When the connection is established, a key is automatically exchanged between the Service Provider and the phone.

Verify key
Verify the existing key.

New
Request a new key after consultation with your Service Provider.

About Phone.com Display the browser version.

Profiles

You can set or change the five access profiles if necessary. The entries and functions may vary depending on your Service Provider.

Profile settings

To create a new profile, proceed as follows:

Menu ➔ **Surf/Fun** ➔ **Internet** ➔ **Profiles**

New entry Select to display the entry list.

⬥ 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.

Dial-in Access Enter or change parameter (p. 69).

IP Address: Enter IP address.

Address Enter port number.

Homepage Enter homepage (see p. 35) if not defined by the Provider.

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

Special characters (as in the SMS text editor)	
✳	Press 3 x for **/**
#	Press 2 x for **@**
0 +	Press 1 x for **.** (full stop)
0 +	Press several times for **:**
✳	Press several times for **~**

Internet (WAP)

Activate profile

```
  📇 Profiles
  ☑ Work
  ☐ Private

  Options      Select
```
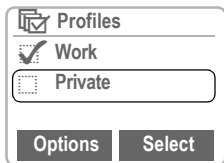
Activate

To activate a profile, call the profile list.

Menu ➔ **Surf/Fun** ➔ **Internet** ➔ **Profiles**

⊕ Select the required profile and confirm.

☑ Indicates the profile is active.

Profiles Menu **Options**

New entry	Define new profile.
Edit	Open the entry for changes.
Delete	Delete the selected entry.
Delete all	Delete all profiles.

Your Internet browser is licensed by:

ID phone.com.

RSA™ SECURE

Java™ allows you to load applications, such as games, from the Internet (WAP).

A Java™ application consists of one individual file or several files grouped together in a folder (however, only the name is displayed in the list of applications).

Load application

Applications can be loaded from the PC via the Data Exchange Software (p. 77) or via WAP (p. 35).

Before you can do this, dial-in access must be configured for WAP and Java™ (see p. 69). Your Service Provider may already have preconfigured the dial-in access settings.

Internet (WAP)

You can find Java™ applications at:
www.my-siemens.com/city and
wap.my-siemens.com

You can load more than 1000 ring tones, bitmaps and Java applications directly onto your phone from these sites. More Internet addresses for applications that can be loaded can be obtained from your Service Provider or, if necessary, from the technical press.

If you have selected an application via the Internet (WAP) browser, you will be asked whether you want to download this application.

You must first confirm that you want to download the application:
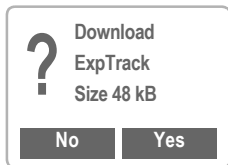
You can then select the folder using the control keys or create a new one by selecting Options.
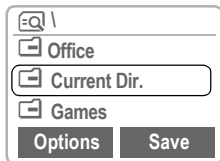
Once you have confirmed the name of the application, it is downloaded to the MultiMediaCard™.
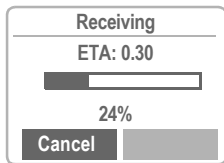
The application can be started as soon as it has been downloaded.

Load Menu Options

Open   Open a new folder.

New folder Create a new folder.

Delete   Delete the selected entry.

Delete all Delete all entries after confirming.

Rename   Rename highlighted entry.

Sort   Set sort criteria (alphabetic, time).

Save   Save the application in the current folder.

View   Display the folder content.

SMS Push

The SMS Push service provides you with information about new Java applications. You will receive an SMS containing a download address for Java™ applications, for example from your Service Provider. You can use the Call key to access the first highlighted link in the display directly in the WAP browser. From there, you can then download the application; see Internet (WAP).

> **New application available at:**
> **wap.my-siemens.com**
>
> **Options**   ➡ ⌨
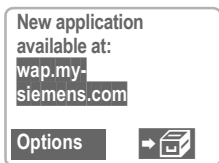
Start Application

> Before you can use online Java™ applications, dial-in access must be configured for Java™ (see p. 69).

Menu ➔ Surf/Fun ➔ Java™

Provided that no application has been loaded, the list is empty. However, you can create folders for future applications on the MultiMedia-Card™.

> 📂\Games
> 🎮 Worm
> 🎮 anpoker
> 🎮 BalloonShooter
> **Options**   **Select**
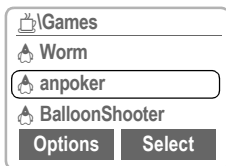
If the list contains folders and Java™ applications, you can start these using the control key or soft key:

⬖   Select entry.

Select   Start application.

All Java™ applications supplied include operating instructions (integral help).

Java™ allows you to download applications from the PC (Sync Station) or Internet (WAP). Loading or running applications does not affect or alter the existing software on your Java™-enabled mobile phone.

All warranties and liabilities for applications from third parties not included in the package supplied are excluded. The purchaser of the mobile phone must assume the full risk of using these applications. Under no circumstances will Siemens accept liability for loss or damage incurred by the purchaser or to third parties as a result of the incompatibility of such applications with the mobile phone.

Java™ Menu Options

A Java™ application consists of one individual file or several files grouped together in one folder (however, only the name is displayed in the list).

If you have selected a folder, you will be offered the following menu options:

Open Open a folder.

New folder Create a new folder.

Delete Delete the selected entry.

Delete all Delete all entries after confirmation.

Rename Rename highlighted entry.

Move Move entry between folders.

Details Info on the application or content of the folder.

Sort Set sort criteria (alphabetic, time).

If you have selected an application, you will be offered the following menu options:

New folder Create a new folder.

Delete Delete the selected entry.

Delete all Delete all entries after confirmation.

Rename Rename highlighted entry.

Move Move entry between folders.

Dial-in Access Select a separate dial-in access for the application (see "Dial-in Access", p. 69)

Reinstall An application is reloaded and installed (e.g. if update is required).

Details Display details of the application (name, version, size, path, manufacturer, date).

Sort Set sort criteria (alphabetic, time).

More Info Display additional information about the applicaton via the Internet (WAP), if supported by the application.

Games

Select a game from the list and have fun.

Instructions

You will find special instructions for each game in the help text.

The following rules are valid for all games.

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

Start Start game.

Key control
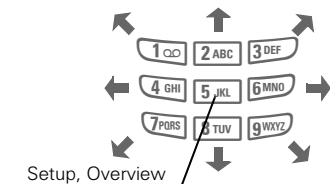
Setup, Overview

or use the control key:

 and
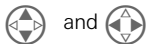
Chronometer

Stopwatch

Display the time down to one thousandth of a second. Use the side keys:

Reset to zero.

Delete intermediate time
⊞ start/stop the stopwatch

⊟ Clock intermediate time.

Reset Reset to zero.

Stopwatch Menu Options

Save	Save the time and name it.
Edit entry	Rename entry.
Delete entry	Delete entry.
Stopwatch list	Display list.
Delete list	Delete list.

Countdown

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

Set Enter the period.

Start Start counter.

You may send and receive messages on your phone (up to 160 characters in length).

Depending on your Service Provider, e-mails and faxes can be transmitted as SMS messages (change settings if necessary, p. 49) and e-mails can be received as SMS messages.

Read Messages

◻✉   Display indicates a new message.

〉〉〉	◖▬
(Service Provider)	
01.02.2001	**13:45**
✉	**Menu**
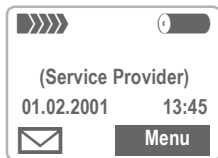
◉   Press to read the message.

31.01.01	**23:45**	Date/time
02079898767		Number/sender
Do we meet at 18.00 in		Message
the hotel tomorrow?		
Options	**Reply**	
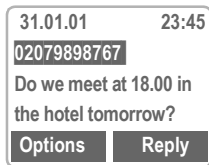
In the message (depending on length of the text), you can:

◉   Scroll line by line using the control key.

     Reply   See right.

     Options   See p. 47.

➔🗐   The archive function is displayed at the end of a message. This moves the message to the MultiMediaCard™ (see also p. 44).

▢▢ If this symbol appears, **no more** SMS messages **can be** received. Delete or save old messages (see p. 47).

The first number highlighted in the text can be dialled (dialling key), stored in the Addressbook (see p. 47) or used as the address for a reply.

Reply Menu Reply

The recipient of the reply is the sender of the message.

Write message	Create a reply.
Edit	Edit the received message or enter a new text.
Answer is YES	Add YES to the message.
Answer is NO	Add NO to the message.
Call back please	Add standard text for a call back request.
Late	Add standard text for Late.

When the message has been edited in the editor, it can be stored or sent using **Options** (see p. 44).

Compose message

☞ **Text input using "T9"** allows you to quickly create long SMS messages using just a few key entries (see p. 45).

You can write up to 160 characters; the number of characters you can still type is shown in the top right-hand corner of the display.

Clear Hold down to delete word by word.
Other functions in the menu are shown on the right.

Options Open the text menu.

Send Select
or select

Send via ...
A list of different transmission routes is displayed.

☞ Dial number/select from Addressbook.

Send The message is sent to the Service Centre for transmission.

Message Menu **Options**

Send Dial the number of the address or select from the Addressbook, then send.

Send via ... List of transmission routes.

Save Save the composed message in the outgoing list.

Insert from... Open the Addressbook and copy a selected entry to the text.

T9 Input Activate or deactivate intelligent text entry (see also p. 45).

☑ Icon in header when T9 is active.

Select the language in which the message is to be composed (must be available on the MultiMediaCard™).

Line feed Enter a line break.

Delete text The entire message is deleted.

Insert picture Select an icon from a list and insert it to the message (can only be displayed on compatible devices).

Print via IrDA Send to a suitable printer.

Text entry with "T9"

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

Activate, deactivate T9 (SMS)

Before you can use T9 to help you enter text you must be in the text editor (see also p. 44):

Options	Open text menu then select **T9 Input**.
✓	Activate or deactivate **T9 Preferred** with **Change**.
⍪	When T9 is active you will see the icon in the top line. **abc** lowercase, **Abc** UPPERCASE, **123** digits.

Select T9 Language

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

| Options | Open the text menu, then select **T9 Input** and then **T9 Language**. |

Create a word using T9

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

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

`4 GHI` `6 MNO` `8 TUV` `3 DEF` `5 JKL`

T9 converts accented characters (such as ä and à) for you. Simply compose the message using the standard character (e.g. **A** instead of **Ä**) and T9 will do the rest.
If the word that T9 has chosen is not the one yo want see "T9 word suggestions" on page 46.

`*`	Press before the word for **uppercase and lowercase,** or **digits**. The current mode is shown at the top left on the display.
`1`	**Blank**. Ends a word.
`0 +`	**Full stop**. Ends word when a blank follows. IActs as a wild-card character for an apostro-phe/hyphen in the word: e.g. **Provider.s** = Provider's.
◌	Go **to the right**. Ends a word.
`#`	Deactivate T9 **temporarily** and activate it again.

Special characters

Press the key repeatedly until the character is displayed. To write special characters after numbers (e.g. 5 £), switch to letter mode first: `*`

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

Message (SMS)

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 is not recognised, the next suggestion from T9 may be correct.

The word must be highlighted . Then

| 1️⃣2️⃣3️⃣ | ... press. The displayed word is replaced with a different word. If this word is also incorrect, |

| 1️⃣2️⃣3️⃣ | ... 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.

```
┌─────────────────────────────┐
│ ▨▨abc  SMS          140      │
│ 8 o'clock is okay ▪▪▪        │
│                             │
│                             │
│   Spell          1️⃣2️⃣3️⃣      │
└─────────────────────────────┘
```
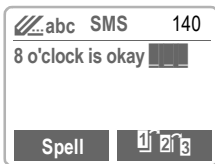
| Spell | Select. The last suggestion is deleted and the word may now be entered without T9 support. It is automatically added to the dictionary. |

Correct a word

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

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

| 1️⃣2️⃣3️⃣ | Scroll through the T9 word suggestions again. |

| Clear | Deletes the letter to 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. |

| Clear | Deletes the letter to the left of the cursor. |

| ▥ | Symbols are inserted at the cursor position. |

| ⊕ | Scroll line by line. |

T9® Text Input is licensed under one or more of the following: U.S. Pat. Nos. 5,818,437, 5,953,541, 5,187,480, 5,945,928, and 6,011,554; Canadian Pat. No. 1,331,057; United Kingdom Pat. No. 2238414B; Hong Kong Standard Pat. No. HK0940329; Republic of Singapore Pat. No. 51383; Euro.Pat. No. 0 842 463 (96927260.8) DE/DK, FI, FR, IT, NL, PT, ES, SE, GB; and additional patents are pending worldwide.

Message (SMS)

Incoming list, outgoing list

Menu ➔ **Messages** ➔ **SMS** ➔
       Incoming 3/ 3 or
       Outgoing 3/ 3

The list of saved messages is shown.

```
 Inbox
 Invitation
 Carol

 Options      View
```
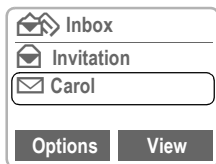
Options   See on the right .

Marking:	**Incoming** 3/ 3	**Outgoing** 3/ 3
	Read	Not sent
	Unread	Sent

Archive

Menu ➔ **Messages** ➔
       SMS ➔ **Archive**

The archive is devided into an **Inbox** and an **Outbox**.

The list of messages recorded on the MultiMediaCard™ is shown.

Options   See on the right.

Lists/Archive Menu **Options**

Depending on the situation, different functions are available:

Edit	Start the editor for changes.
Send	Dial number or select from Addressbook, then send.
Send via ...	List of transmission routes available.
Print via IrDA	Send to a suitable printer.
Delete	Delete the message selected.
Delete all	Delete all entries after confirmation.
Capacity	Display number of saved messages.
Save No. into	Copy the phone number selected to the Addressbook.
Status report	Request delivery confirmation for messages sent.
Reply	When an SMS arrives answer at once.
Mark as unread	Mark the message as unread.

Predef. message

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

Menu ➔ **Messages** ➔ **SMS** ➔ **Predef. message**

Selection:

Late, Appointment, Anniversary

The cursor appears at the first input point:

```
✍ 123  SMS      118
I will arrive
about | minutes late
on:
   T9 Info   Options
```

📱   Complete the message.

⬙   Jump to the next input point.

Options   Open the text menu.

Send   Select.

Dial number or select from Addressbook and transmit.

Transmission of an SMS is confirmed with "Message sent!". It can be selected and re-read in the outgoing list.

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 save option and a retry option are available.

If this attempt also fails check the phone number of the Service Centre.

Setup

You can create different "transmission profiles" for different uses. A profile is selected before text entry for the SMS.

Menu ➔ **Messages** ➔ **SMS** ➔ **Setup**

The list of available profiles is displayed.

⬖ Select profile.

Options

Depending on the situation different functions are available:

New	Create a new profile.
Delete	Delete the profile (only if not **Set as default**).
Set as default	Set the profile as the default profile.
Rename	Rename the profile.

Select

The list of available settings appears.

Service Centre

Enter or change the phone numbers of Service Centres as supplied by the Service Provider.

Recipient

Enter the standard recipient for this transmission profile or select from the Addressbook.

Message type

Variable	The message type is requested for each message.
Standard text	Normal SMS message.
Telex	Transmission via SMS.
Fax	Transmission via SMS.
Email	Transmission via SMS.
X400	Transmission via SMS.
Own value:	Define a new message type.

Validity period

Select the period in which the Service Centre tries to deliver the message:

Maximum*, **Own value:**, **Variable**, **1 hour**, **12 hours**, **1 day**, **1 week**

* Maximum period that the Service Provider permits.

Status report

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 (info from your Service Provider).

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, see p. 16).

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 phone number

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

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

Select a number in the Addressbook or dial/change it and confirm with **OK**.

Forwarding number

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

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

Dial the number to which the caller is to be diverted.

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

For further information on call diversion see p. 60.

Listen to

A new voice mail can be displayed as follows:

⃝⃝   Icon, including beep.

✉   A text message announces a new voice mail

or you receive a call with an automatic announcement.

Call your mailbox and play the messages back:

    Press the soft key underneath the icon

or

1∞   Press (if necessary dial the mailbox number).

Mailbox Press.

Outside your home network, a different mailbox number may need to be dialled.

If a password is required to access your mailbox you can store it in the Addressbook along with the phone number (see p. 19).

Cell broadcast ⌁❗

Some Service Providers offer information services (info channels) such as area codes and stock markets.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 5 topics to this personal list, which you can either select from the Topic Index (see "Topic index", p. 52) or enter yourself with a name and channel number (ID). Other channel numbers without names may be available depending on the SIM card.

New Topic

New Topic Select.

- If no Topic Index is available (see "Topic index", p. 52) enter a topic with its channel number and confirm with **Select**.
- If the Topic Index has already been transmitted select a topic and confirm with **Select**.

Selection from a list **Options**

If a topic is selected in the list, you may 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.

#⃗ then press **Read CB**.

Switches to "full page view" automatically.

Topic index

The list of topics currently provided by your Service Provider is displayed for you to choose from.

If none are displayed the channel numbers (ID) may be entered manually (see "Topic list", p. 51). 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.
Additional beep, see p. 56.	

SIM Services (optional) ⊘!

Your Service Provider can offer special applications (e. g. home banking, stock market info, 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 Services**

With the SIM Services menu your phone is future-proof and will support additions to your Service Provider's user package. For further information, contact your Service Provider.

The 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, number of calls

The following call lists are available:

Calls missed

The phone numbers of calls you have received but not answered can be recorded for call-back purposes.
Requirement:
The networks used support the "Caller Identity" feature.

Calls received

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

Calls dialled

Access to the last phone numbers you dialled.

Fast access in standby mode.

Records-Menu Options

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

Correct no.	The number is displayed and can be corrected.
Copy into	Copy the entry to the Addressbook.
Delete all	Delete all entries in the call list.

Alarms missed

Appointments with alarms that you have not responded to are listed and can be displayed and edited.

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

- Three profiles are standard with default settings; they can be changed however:
  Norm. Environ., **Quiet Environ.**, **Noisy Environ.**
- You may set three personal profiles individually:
  Profile 1, Profile 2, Profile 3.
- The special profile **Without Alarm** is fixed and cannot be changed.

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 or deactivate it.

📊 Profiles
✔ **Norm. Environ.**
☐ **Quiet Environ.**
☐ **Noisy Environ.**
Options **Select**
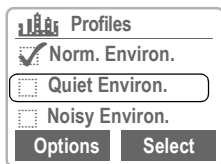
✔ Highlights the active profile.

Setup

Edit a default profile or create a new personal profile.

Select default profile or profile 1, 2, 3.

[Select] Confirm.

Profiles Menu [Options]

Edit settings

The following functions can each be set individually for a profile:

- Ringer setting ....p. 56
- Volume.................................p. 56
- Melodies ....p. 56
- Silent alert..........................p. 57
- Service tones ....p. 58
- Key tones.............................p. 62
- Big letters ....p. 63
- Filter   ....p. 57

When you have finished setting a function you return to the profile menu where you can change a further setting.

Rename

Rename the selected profile.

Without Alarm

This profile is **unmodifiable**.

You should activate this profile if you don't want to be disturbed at all.

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

Activate

Menu ➔ **Profiles**

⊕   Select **Without Alarm**.

Select   Activate the profile or deactivate it.

Profile selection must be confirmed.

The phone switches itself off.

Normal operation

The next time you switch on the phone, the **Normal Environm.** profile will be activated.

If you have missed any alarms in the meantime this will be indicated on the display.

You can set the tones that sound in specific situations to suit you best.

Menu ➔ **Audio**,
then select a function:

Ringer setting

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

🔔🎵   Beep is active.

🔇   Ringer is deactivated.

In standby mode, activate/deactivate the ringer for the current session:

     *✱ Hold down.
When you deactivate and then reactivate the phone, the ringer reverts to the default setting.

Volume

Set different volumes for different ringers.

All calls
VIP
Appointments
Messages
Cell broadcast

▬▬	Displays rising volume.

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

Melodies

Select a melody for each:

All calls
VIP
Appointments
Messages
Cell broadcast

The list of the music styles available is then displayed:

Standard
Classical
Traditional
Discreet
Pop music
Individual

⬆⬇   Select a music style.

Select   Confirm.

⬆⬇   Select a melody.

OK   Confirm.

Individual

This style can contain any 3 melodies that you have composed yourself or copied from the MultiMediaCard™.

Load melodies from the PC to the MultiMediaCard™

The Data Exchange Software allows you to copy melodies in MIDI format (*.MID) from the PC to the **Ringing tone** folder on the MultiMediaCard™ (see p. 77).

Load melodies from the Internet

You will find ring tones for your phone at:

www.my-siemens.com/city

From there, you can load more than 1000 ring tones, bitmaps and Java applications directly onto your phone.

In the City Portal, you will find a list of countries in which you can order melodies.

Receive melodies via SMS

As soon as a ring tone is received via SMS on your phone, you will see the message "Receiving..." on your phone's display.

The message "Data receive complete" indicates that the melody has been saved to the MultiMediaCard™ in the **Ringing tone** directory.

Before you can activate the melody you must first load it.

Load melodies

Select Select **Individual**.

⊕	Scroll to the storage location where you want to store the melody.
Load	Open the **Ringing tone** folder on the MultiMediaCard™.
⊕	Select a melody.
Select	Confirm.

Activate melody

If you have loaded a melody, this is activated automatically as the current melody. For information on loading other melodies, see **Melodies** p. 56.

Silent alert

To avoid being disturbed by the ringer, you can activate the vibrate alert instead. It can also be active in addition to the ringer (in noisy environments for example). This function is deactivated when the battery is being charged.

Filter

Only calls from numbers that are in the Addressbook or that belong to the VIP group are signalled audibly. Other calls are merely displayed.

If you do not accept these calls they are diverted to your mailbox (if set, see p. 50).

Displayed when activated.

Service tones

Activate or deactivate the following
service tones and alarm tones:

All service tones
On/Off
Network found
Warning tones
End of menu

Compose melody

You can compose melodies
yourself.

🖐🔢	Keys 1 to 7 correspond to the notes C, D, E, F, G, A and B.
⊕	Go back and forwards within the melody.
8 TUV	Increase length of note.
0 +	Reduce length of note.
9 WXYZ	One note higher.
# ⁓	One note lower.
✳ ▲	Insert a pause.
⊕	One octave up or down.

Options The menu offers further
functions such as
Play, **Save**, **Insert Note**, **Delete
Note** etc.

The melody you have composed can
be saved on the MultiMediaCard™.

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

Menu ➔ **Time/Charge** ☌!

After you have made the charge detail settings you can display the call duration/charge details for the following call types:

Last call
All calls out
All calls in

Select a call type.

Select Display the data.

When displayed, you may do the following:

Delete Clear display.

OK End display.

Charge settings

Set the parameters on the display.

Charge rate ☌!

(PIN 2 needed)

Enter the charges per unit/period.

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

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.

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

All Calls

Displays the call duration/charges for all calls.

Incoming calls

Displays the charges for incoming calls if these are billed separately.

Auto display

Call duration and call charges are displayed after each call.

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

Menu ➔ **Divert**

Set divert

Example: The most common condition for forwarding is:

Unanswered

This and other conditions (see box) are set in the same way:

Menu ➔ **Divert** ➔
Unanswered ➔ **Set**

Enter the phone number to which a call will be diverted (if not done already), and confirm with OK.

or

Displays the Addressbook or mailbox, to select the number to which a call will be diverted.

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

Unanswered

This setting covers the most important conditions: (see also below)

If not reachable
If no reply
If busy

All calls

All calls are diverted.

Symbol in top line of the display in standby mode.

Specific divert

If not reachable

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

If no reply

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

If busy

Divert if a call is in progress.
If "**Call waiting**" is activated (see p. 70) you will hear the call waiting tone (see p. 16) even if the "**If busy**" diversion has been set.

Receiving fax

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

Receiving data

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

Status check

If you want to check the current divert status, first select the condition then **Status check**.

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 diversions are deleted.

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

Reactivate divert

The last diversion has been stored.

Proceed as with "Set divert", p. 60.

The stored phone number is displayed and is confirmed.

Edit phone number

Proceed as with "Set divert", p. 60. When the stored phone number is displayed:

Delete   Delete the phone number.

Enter new number and confirm.

Setup

Menu mode

Menu → Setup →
    Menu mode

You can reduce the main menu to just the important functions to make it easier to use the phone.

Now you can call them up directly without going via other menus:

Calls dialled
Calls missed
Voice message
MP3 Player
Dictating mach.
Calendar
Divert all Unanswered
Incoming Messages
Write new Message
All service tones
Volume all calls
Melody all calls
Profiles
Menu mode

Use the **Menu mode function** to activate the full main menu.

Device

Menu → Setup →
    Device →
    then select function.

Language

English is always available as the basic language. The language of your Service Provider is loaded automatically when the SIM card is inserted. A third language may be loaded in addition.

To create additional capacity on the MultiMediaCard™, languages not required can be deleted. The contents of the MultiMediaCard™ are available for downloading from the Internet at www.my-siemens.com/sl45i . The files can be restored from there (see "Card-Explorer", p. 73).

If a language you do not understand has been set, the phone can be reset to the language of the Service Provider or to English by entering * # 0 0 0 0 #

Keys

Any key answer

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

Auto key lock

The keypad is automatically locked if one minute elapses since any key was last pressed. 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.

Key tones

You can set the type of key tone:

Key Click or Key Tones or
Key silent

Menu → Setup →
       Device →
       then select a function:

Display

Illumination

The display illumination can be switched on and off (this affects standby time)
The brightness can be adjusted.

Big letters

You can change the font size on the display.

Own Greeting

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

Edit   Toggles between On and Off.

📱   Delete old message and compose new message.

OK   Confirm changes.

Screen style

You can select an animation to re-place the current graphic that is dis-played when you switch your phone on. You can copy additional graphics into the **Animation** folder on the MultiMediaCard™ using the Data Exchange Software (p. 77).

The animation that is displayed when the phone is switched off can-not be changed.

Please refer to "Card-Explorer", p. 74 for instructions on copying (static) bitmaps to the display.

Contrast

Sets the display contrast.

Status

Master reset

The phone is reset to the default values (does not apply to the 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 speeded up when this function is active (standby time is reduced).

Erase records

(phone code p. 66)

The following lists are deleted: (see also p. 53)

**Calls missed
Calls received
Calls dialled
Alarms missed**

Setup

Clock

Time/Date

The clock must be set correctly once at start-up.

Change   Press.

▐▊   First enter the date (day/month/year), then the time (24 hours including seconds).

Format Date

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

Auto display

The time display can be switched on or off.

Auto Phone Off

The phone switches off each day at the set time.

• Setting

Time   Press.

▐▊   Enter time (24 h clock).

OK   Confirm.

• Deactivate

Variable   Press.

OK   Confirm.

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

T9 Input

T9 Preferred

You may set "T9" to be used permanently for entering messages (see p. 45).

T9 Language

Switch to the language in which you want to compose the message.

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.

PIN 1 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 Protects your phone. Must
code be entered at the first security setting (4-8 digits).

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

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

Babysitter

(Phonecode)

Calls can only be made to **one** phone number that is dialled by holding down the left soft key. Enter phone number and name or select from the Addressbook.

To end:

#⁻⁰ Hold **down** and enter phone code.

Only ⌕⁻⁰ ⌂⊗!

(PIN 2)

The dialling options are restricted to specific phone numbers. If you only enter area codes, the relevant phone numbers can be added to these manually before dialling.

Only last 10

(Phonecode)

Calls are limited to the call list of dialled numbers. This call list can be filled with phone numbers specifically for this purpose: Delete (see also p. 53) the call list and create "new entries" by dialling phone numbers and cancelling before the connection is established.

Setup

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.

Prevent new SIM

(Phonecode)

Your phone is prevented from operating with <u>a different</u> SIM card.

Pin change

PIN 1

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.

PIN 2

You can change the PIN 2 to any 4-8 digit number (displayed only if PIN2 is available).

Proceed as with **PIN 1**.

Phonecode

You can also change the phone code to any 4 - 8 digit number. Proceed as with **PIN 1**.

Network

Connection

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 using the soft key (see p. 71).

1))) › Display the active phone number.

> Special settings can be made for each phone number (melody, call diversion etc). Switch to the required phone number first.
>
> To switch the phone number/line:
> (in standby mode)
>
> 0 + Press, then:
>
> Line 1 Press.

Lock

(Phonecode)

You may limit usage to one phone number.

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

Setup

Network info

The list of GSM networks currently available is shown.

✆ Indicates forbidden Service Providers (depending on SIM card).

Change network

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

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

If "Automatic Network" is active, the next network is dialled in the order of your list of "preferred Service Providers". Otherwise, a different network can be selected manually from the list of available GSM networks.

Operator list

A list of all known GSM Service Providers is shown. Select entry and press **Select** to display the code. A new Service Provider can be added to the list (enter the national code and network code).

Further Network Select, change and confirm.

Preferred network ⊲§!

The Service Providers you prefer after your home Service Provider are displayed in this list (e.g. if there are several Service Providers that differ in price).

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.

- New entry:

🔘 Scroll to an empty entry in the list.

Progr. Press and select one from the list of all Service Providers.

- Change/delete old entry:

Select existing entry and delete it or select an entry from the list of Service Providers and confirm.

Band selection ⊲§!

Select either GSM 900 or GSM 1800.

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 must be registered separately for each barring.

Setup

Outgoing Access

All outgoing calls (except emergency numbers) are barred.

Outgoing International

Only national calls can be made.

Out. Intern. excl. Home

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

All calls in

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

When roaming

You do not receive calls when 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.

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

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.

Active

Activate or deactivate the function. "User group" must be deactivated for normal phone use (phone code, p. 66).

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.

Outgoing 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 group

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

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

Dial-in Access

A Dial-in Access must be defined to use WAP and thus Java™. A maximum of 5 dial-in accesses can be defined. Normally these settings are already made by the Service Provider, and they might only need to select one Dial-in Access.

New entry

If no Dial-in Access is available, select **New entry** in the empty list and enter the following parameters (CSD Settings):

Profile name:	Give the Dial-in Access a name or overwrite a default name.
Dial-up no.:	Enter node dial-in number (ISP).
Call type:	Select ISDN or analogue.
Login-name:	Enter user name (login name).
Password:	Enter password (hidden display).
Linger-time:	Enter time in seconds after which a connection should be ended if there is **no** input or data exchange.

Save Store entries for the Dial-in Access.

Dial-in access numbers for WAP are not normally suitable for Java™ (depending on the Service Provider). All Dial-in Access numbers that you use for the fixed network Internet (WWW, HTTP) can also be used for Java™. Under certain circumstances, therefore, it may be necessary to use two different Dial-in Access numbers for WAP and Java™.

You can also find WAP or dial-in parameters on the product CD in the WAP_OTA directory or on the Internet at:
www.my-siemens.com/sl45i

Dial-in Access-Menu **Options**

Various functions are possible depending on the situation:

New entry	Generate new entry.
Delete	Delete selected entry.
Delete all	Delete all profiles.
Java standard	Define a Dial-in Access as standard for the Java™ download functions. This access is indicated with a coffee cup in the list. You can also define a separate Dial-in Access for individual Java™ applications (p. 39).

Setup

During calls

Menu ➔ **Setup** ➔
During calls ➔
then select a function:

Call waiting ᙍ!

If you are registered for this service, you can check whether it is set and activate or deactivate it (see also p. 16).

Conceal ID ᙍ!

When you make a call, your number appears on the recipient's display (depending on the Service Provider).

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

Minute Beep

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

Headset

Menu ➔ **Setup** ➔
Headset

Calls are automatically accepted after the 3rd ring when the stereo headphones are connected. You should continue wearing the headphone.

Switch to handset during a call (if the phone is connected to the hands-free kit and the optional additional headphones are connected).

◀️ 📞 Activate and deactivate.

Car use

Menu ➔ **Setup** ➔ **In the car**

If the phone is connected to an original Siemens car kit, the following functions can be activated/deactivated:

Auto Answer

Calls are accepted after the 3rd ring if the phone is connected to an original Siemens car kit. Depending on the setup, the ignition may need to be switched on.
Factory default: On.

📞 Indication on the display.

Aut. power off

The phone is powered by the car's power supply. The time between switching off the ignition and deactivation of the phone can be adjusted. Factory default: 2 hours.

Automatic settings:

Permanent illumination: Switched on

Auto key lock: Switched off
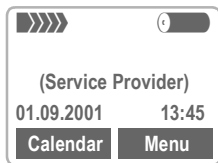
IrDA

Activate/deactivate infrared data transmission.

The left soft key and 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
activated 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').

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

Soft key

(Service Provider)

01.09.2001   13:45

Calendar   Menu

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

Edit

Press soft key ("**Calendar**", if this is
still preset):

`Calendar` Press.

`Edit`   Press and 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 Ad-
  dressbook (e.g. "Carol") to assign
  to the soft key.

`Select`   Confirm setting.

Apply

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

`Carol`   Press **briefly**.

`OK`   The number is dialled.

Speed dialling number

Digit keys 1 to 9 can be used as speed dialling numbers for fast access.

Defaults for the speed dialling number
1 Reserved for the phone number to check the mailbox....... p. 50
2 Calendar.......................... p. 32
3 Appointments .... p. 32
4 Internet .... p. 35
5 SIM location.................... p. 22
6 Write message .... p. 44
7 Calculator .... p. 34
8 Java................................. p. 39
9 IrDA................................ p. 70

Edit

In standby mode:

`2 ABC`   Press digit key (e.g. 2).

`Calendar` Press.

`Edit`   Press and scroll to the application in the list.

or if the key is not assigned:

`Set`   Press.

- Assign the new application (e.g. **Games**) to the key.
- Special case **phone number.** In the SIM memory, scroll to a name for assignment to the key.

`Select`   Confirm setting.

Apply

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

In standby mode:

`8 TUV`   Press.

The assignment of the 8 is displayed instead of the right soft key, e.g.:

`Games` Press **briefly**.

`OK`   Start application.

or for a function with a phone number:

`8 TUV` , then 📞 .

or: (application and phone number)

`8 TUV`   Hold **down**.

Quick menu selection

The menu functions are numbered in the sequence of their occurrence.

Enter the appropriate sequence of numbers to select a function directly.

For example, to compose a new SMS message:

`Menu`   Press.

`3 DEF`   For **Messages**.

`1 ∞`   For **SMS**.

`1 ∞`   For **Write message**.

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

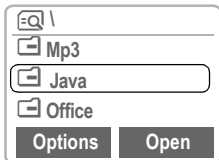To organise your files on the MultiMediaCard™, you can use the Card-Explorer like a PC file manager.

Menu ➔ Surf/Fun ➔ Card-Explorer

```
┌─────────────────────────┐
│ ⊟Q \                    │
│  ⊟ Mp3                  │
│ ┌─────────────────────┐ │
│ │⊟ Java               │ │
│ └─────────────────────┘ │
│  ⊟ Office               │
│  Options        Open    │
└─────────────────────────┘
```

A list of the folders and files on the MultiMediaCard™ are displayed.

Navigate through the list as usual using the control key:

🔾	Scroll up and down.
🔾	Highlight file/remove highlighting, open folder.
Mark	Highlight file for later action.
🔾	Go back from folder.

Java™ [SL45i]

A Java™ application can consist of one individual file or several files grouped together in a folder.

Java™ applications containing the associated files are mapped as folders in the Card-Explorer.

Executable Java™ application files are of file type:
*.class or ***.jar**

The info files for an application are of file type:
*.**jad**

When starting a *.jad file the associated application can be reloaded/installed (see also "Reinstall", p. 41).

Card-Explorer

Card-Explorer Menu Options

You are offered different functions depending on whether you have selected a file or a folder.

Mark	Highlight entry.
Delete	Delete all highlighted entries.
Delete all	Delete all entries after a confirmation.
New folder	Create and name new folder.
Rename	Rename highlighted entry.
Send via IrDA	Select IrDA transmission route.
Sort	Set sort criteria (alphabetical, type, time).
Info	Retrieve information on the selcted file/folder.
Drive info	Information on the inserted MultiMediaCard™.
Load bitmap	Load bitmap into the display.
Clear Bitmap	Remove bitmap from the display
Load language	Load display language.
Open	Open an entry.
Play	Play an entry.
View	Read SMS.
Move	Move entry from one folder to another.

Delete system files from MultiMedia-Card™

Files that your phone requires are stored on the MultiMediaCard™in addition to your own data, such as music. System files that are not required (such as other languages) can be deleted to increase capacity. Note that this is likely to reduce the functions that the phone can perform.

If you need to restore any files to the Multi-MediaCard™ they are available for downloading from the Internet at www.my-siemens.com/sl45i (see p. 77).

Load bitmaps

Load bitmaps from the Internet

You can find bitmaps for your phone at:

www.my-siemens.com/city

From there, you can load more than 1000 bitmaps, logos and Java applications directly onto your phone.

In the City Portal, you will find a list of the countries in which you can order bitmaps.

Receive bitmaps via SMS

As soon as a bitmap is received on your phone via SMS, you will see the message "Receiving..." on your phone's display.

The message "Data receive complete" indicates that the bitmap has been saved to the MultiMedia-Card™ in the **Bitmap** directory.

The **Load bitmap** option in the Card-Explorer menu allows you to load the bitmap into the display.

With the phone connected to a PC (see p. 76), you can transmit and receive faxes and data. Appropriate software for data communication/fax communication must be available on your PC.

Fax and data services must be enabled on your phone. Different networks support different types of fax/data reception; contact your Service Provider for details.

Fax/data

Your Service Provider must give you a phone number for telephoning and a fax/data number.

Sending

Start your PC communication program and enter the destination phone number in the program.

Receiving

The call is signalled by a special ringer and its type (fax or data) is displayed.

```
┌─────────────────────────────┐
│   《《《 ▲ 》》》            │
│                             │
│      Incoming Data          │
│                             │
│   ┌────────┐  ┌────────┐    │
│   │ Answer │  │ Reject │    │
│   └────────┘  └────────┘    │
└─────────────────────────────┘
```

Now start the communication program on your PC to receive the fax.

Speech/fax

Send

`Menu` ➔ Setup ➔ Fax/data mod. ➔ Send Sp/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:

`Sp/Fax`   Switch to **Send Sp/Fax** mode.

`Fax`   Switch to fax mode; you may now send a fax.

Receive

(**Only** if a special fax number is not available).
Start the communication program on your PC and switch on the function on the phone **during** the call (the PC accepts the connection).
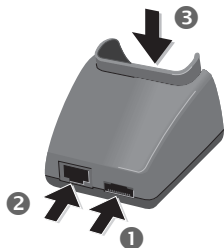
`Menu` ➔ Settings ➔ Fax/data mod. ➔ Receiv.Sp/Fax

End transmission

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

Data exchange

Sync Station [SL45i]

You can establish a "fixed" connection between the phone and the PC via the Sync Station.

- Connect the mains power socket and the Sync Station ❶ to the plug-in power supply.

Data transfer is not available unless the power supply unit is connected.

- Connect the Sync Station ❷ to the serial interface of the PC using the connecting cable.
- Insert the phone into the Sync Station ❸ and press downward until it engages.

🖳 The contact message is displayed.

IrDA (Infrared)

Menu → **Setup** → **IrDA**

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).

Change   Activate infrared data transfer.

Indicator on the display:

    If switched on.

))   During transmission.

Integral modem

The phone has an integral modem that is used for data exchange via the infrared port or a cable.

Switching your phone off and on after using the Data Exchange Software or Siemens QuickSync Software lets you use the integrated modem.

Technical data

Modem driver:
Conforms to the V.25 command set.

Speed:
Conforms to ITU-T standard V.22bis (2400, 4800 and 9600 bit/s).

Fax:
Fax at 2400, 4800, 7200 and 9600 bit/s.
Conforms to service class 2.

Setting on the PC

For fax or data transfer with communications software on your PC you must install a standard modem in its operating system control panel:

- Standard modem, 19,200 bit/s,
- Fax 9600 bit/s maximum,
- infrared 115,000 bit/s.

Data Exchange Software

The Data Exchange Software creates another drive in Windows ® Explorer.

 Mobile

It provides an easy way of using your PC to control the many storage options of the MultiMediaCard™ in the phone.

Software installation

Insert the CD ROM into your PC and select Data Exchange Software. You will be guided through the installation process.

Operating instructions

The Data Exchange Software offers detailed operating instructions and online help. First select the drive icon, then you can call up help by clicking on "**?**" in the menu bar.

Connection

The phone and the PC must be interconnected via the Sync Station or a cable (p. 87).

File formats/folders

As supplied from the factory, the MultiMediaCard™ contains the following folders. Ensure that imported files are copied into the **correct folders depending on the format**. If not, the data will be **ignored**.

Directory	File type	System file
Addressbook	*.adr	
Animation Graphic display when phone is switched on.	*.bmp	
Bitmap Service Provider logo.	*.bmp	
Help Help texts.	*.wmlc *.wbmp	X
Java™ (p. 39)	*.class *.jar *.jad	
Language Display texts in different languages.	*.lng	X
Misc Other files.	*.*	
Mp3 Music files (mp3), Playlists (mpl).	*.mp3 *.mpl	
Ringing tone Beeps and ringers.	*.mid	
Sms SMS messages (Out), SMS messages (In).	*.smo *.smi	
T9 data base T9 language database.	*.ldb	X
Voice memo Voice memos created using the dictating machine.	*.vmo	
Voice notice Voice notices created and imported.	*.vmo	

N. B.

Note the following differences compared with Windows ® Explorer:

- Files saved on the MultiMedia-Card™ (e.g. MP3 files) cannot be started from the PC.
- The Data Exchange Software offers conversion routines that allow you to define whether a file is to be converted when it is moved/copied.
  For example an SMS to "text" or a voice memo to "WAV" (Windows ® Explorer: Activate **Edit - Convert file**).
- Data deleted from the MultiMediaCard™ cannot be recovered and **cannot be retrieved** from the Windows ® Recycle Bin.

Online help

Refer to the program's help function for further information.

Delete system files

Files that your phone requires are stored on the MultiMediaCard™ in addition to your own data, such as addresses or music. System files that are not required (such as other languages) can be deleted to increase capacity. Note that this is likely to reduce the functions that the phone can perform.

If you need to restore any files to the Multi-MediaCard™ they are available for downloading from the Internet at www.my-siemens.com/sl45i .

Siemens QuickSync

(Sync Station and data cable are optionally available for ⌊SL42⌋)

This PC program can be used to synchronise addresses and appointments between your phone and Microsoft ® Outlook ® 98/2000.

Software installation

Insert the CD ROM into your PC and select Siemens QuickSync. You will be guided through the installation process.

Operating instructions

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

The most convenient way to start Siemens QuickSync is normally directly from Microsoft ® Outlook ® .

Connection

The phone and the PC must be interconnected via the Sync Station or a cable .

These symbols are displayed among others:

Displays

))))	Strength of incoming signal.
⟨→▭	Battery being charged.
⟨▭■	Charging completed.
⟨▭	Battery indicator.
▊◣Å	All calls are diverted.
✗	Ringer off.
♪ⁿ	Short ringer (beep) only.
⁺♪	Ringer only if caller is stored in the Addressbook.
♪	Alarm is set.
⌦─o	Key lock active.
!	Transmission unencrypted.
	Phone numbers/names:
▦	SIM Card.
▥	Phone memory.
▭o	Restricted SIM Card.
✕	No network access.
⓵))) ›	Phone number 1 or 2 active.
✓	Function active.
?	Unknown network function.
⌒ₜ	Auto Call answering on.
⟋⊿	Addressbook.
abc / **Abc/123**	Indicates whether upper or lowercase letters are active.
✐abc	Text input **without** T9.
✐abc	Text input **with** T9.
⓵⓶⓷	T9 word selection.

⊛⇄	WAP Online.
⊛	WAP Offline.
⊡Q	MultiMediaCard™-folder.
⌐▭▦	Sync Station contacted.
⠪	Infra-red standby.
⠪)	Infra-red transmission.
DATA	Only data reception.
FAX	Only fax reception.

Calendar icons

▥	Memo.
⅛	Meeting.
⌒	Call.
▥	Birthday.
⌐▭	Voice memo.

Soft keys

✉	Message received. Press: Read.
▥	No more SMS messages can be received.
◯◯	Voice mail received. Press: Play back.
☎	Unanswered call Press: Display number.
→⊿	Store in Addressbook.
→⊟	Store in archive.
▭▭	SIM Services.
◀⌐	Switch to handset.

Siemens Service

If you have any questions relating to the technology and operation of your device, you can obtain simple, uncomplicated support via the Internet from our Online Support service:
www.my-siemens.com/customercare
or refer to the operating instructions in this guide under Troubleshooting (p. 81).

If you require repair services, please contact one of our service centres:

Abu Dhabi..0 26 42 38 00	Libya..02 13 50 28 82
Australia 18 00 62 24 14	Lithuania 2 39 77 79
Argentina....................................0 80 08 88 98 78	Luxembourg 43 84 33 99
Austria...05 17 07 50 04	Malaysia 03 21 63 11 18
Bahrain 40 42 34	Malta...................................... 00 35 32 14 94 06 32
Bangladesh 0 17 52 74 47	Mauritius...2 11 62 13
Belgium..0 78 15 22 21	Morocco....................................... 22 66 92 32
Brunei...02 43 08 01	Netherlands 0 90 03 33 31 00
Bulgaria 02 73 94 88	Norway 22 70 84 00
Cambodia 12 80 05 00	Oman..79 10 12
Canada 1 88 87 77 02 11	Pakistan 02 15 66 22 00
China 0 21 50 31 81 49	Philippines 28 14 98 88
Croatia...0 16 10 53 81	Poland 08 00 22 09 90
Czech Republic 02 33 03 27 27	Portugal..8 00 85 32 04
Denmark..35 25 86 00	Qatar 04 32 20 10
Dubai 0 43 96 64 33	Russia 09 57 37 29 52
Egypt 0 23 33 41 11	Saudi Arabia 0 22 26 00 43
Estonia...6 30 47 35	Sharjah...0 65 33 66 42
Finland 09 22 94 37 00	Singapore..2 27 11 18
France 01 56 38 42 00	Slovak Republic..............................02 59 68 22 66
Germany*.......................................0 18 05 33 32 26	Slovenia 0 14 74 63 36
Greece 01 06 86 43 89	South Africa 08 60 10 11 57
Hong Kong...28 61 11 18	Spain 9 02 11 50 61
Hungary 06 14 71 24 44	Sweden 0 87 50 99 11
Iceland 5 11 30 00	Switzerland 0 12 12 00 90
India... 01 13 73 85 89 - 98	Taiwan 02 25 18 65 04
Indonesia..0 21 46 82 60 81	Thailand 0 22 68 11 18
Ireland 18 50 77 72 77	Tunisia 0 71 86 19 02
Italy...02 66 76 44 00	Turkey 0 21 65 71 89 89
Ivory Coast 80 00 03 33	United Kingdom 0 87 05 33 44 11
Jordan 0 64 39 86 42	USA...1 88 87 77 02 11
Kuwait 2 45 41 78	Vietnam..45 63 22 44
Latvia 7 50 11 14	Zimbabwe 04 36 94 24
Lebanon...01 44 30 43	

* 0.12 euros/minute

If you have any questions relating to the use of your device, we are available around the clock to help you at
www.my-siemens.com/customercare. In addition, we have listed the most frequently asked questions and their answers below.

Problem	Possible causes	Possible remedy
Phone cannot be switched on.	On/Off key not pressed for 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.
	Battery in total discharge (charge icon no longer displayed).	Charge battery. It may take up to two hours for the charge icon to appear.
Standby time too short.	Frequent use of the organiser and games.	Restrict use if necessary.
	Speed search active.	Deactivate speed search (see p. 63).
	Display illumination on.	Switch off display illumination (see p. 63).
	Unintentional keystrokes (and illumination).	Activate key lock.
Charging fault (charge icon not displayed or flashing)	Battery totally discharged.	Charge battery.
	Temperature out of range: +5 °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, clean them if necessary, then insert battery again.
	No mains voltage	Plug in to a different socket or check voltage.
	Charger defective	If the charger does not warm up, replace it.
	Wrong charger	Only use original Siemens SL45i accessories.
	Battery faulty	Replace battery.
SIM error	SIM card not correctly inserted	Make sure that the SIM card is correctly inserted. The card carrier must be engaged (see 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	Inspect the damage. Return SIM card to Service Provider.

Troubleshooting

Problem	Possible causes	Possible remedy
Error message "Download error" appears while you are downloading Java™ applications	Java™ standard Dial-in Access is configured incorrectly.	Configure the Java™ standard Dial-in Access correctly (see p. 69).
Application-specific error message appears during data transfer from online Java™ applications	Java™ standard Dial-in Access is configured incorrectly.	Configure the Java™ standard Dial-in Access correctly (see p. 69).
MultiMediaCard™ cannot be read.	Incorrect format, contacts dirty	1. Remove and replace MultiMediaCard™. 2. Clean contacts. 3. Switch the phone off and on again. 4. Format the MultiMediaCard™ (you will lose all the data on the card).
MultiMediaCard™ cannot be written to.	MultiMediaCard™ write-protected	Replace the MultiMediaCard™.
No connection to the network	Signal weak	Move higher, to a window or open space.
	Outside GSM range	Check Service Provider coverage map.
	SIM card not valid	Use another phone to contact Service Provider.
	New network not authorized	Try manual selection or select different network (see p. 67).
	Network barring is set	Check barrings (see p. 67).
	Network overloaded	Try again later.
Phone loses network.	Signal too weak	Reconnection to another Service Provider is automatic (see p. 67). Switching the phone off and on again may speed this up.
Calls not possible	Dialling error	New network not authorised (see p. 67).
	2nd line set	Set other call line (see p. 66).
	New SIM card inserted	Check for new restrictions.
	Charge limit reached	Contact Service Provider or reset limit with PIN 2 (see p. 59).
Certain uses of the phone not possible	Call restrictions are set.	Barrings may be set by your Service Provider. Check barrings (see p. 66).
	The phone number has more than 20 digits.	Check phone number.

Problem	Possible causes	Possible remedy
Entries cannot be made in Addressbook.	MultiMediaCard™ not inserted	Insert MultiMediaCard™ with Addressbook.
	Addressbook is full.	Delete Addressbook entries (see p. 21).
Addressbook cannot be found.	MultiMediaCard™ has been changed or is not inserted.	Insert MultiMediaCard™ with Addressbook.
Language cannot be selected.	File deleted from the MultiMedia-Card™	Load language file from the CD ROM with Data Exchange software (see p. 77).
Transferred music files not found.	The files have not been copied into the MP3 folder. Incorrect format for the MP3 files	Use the MultiMediaCard™ Explorer to move files to the MP3 folder (see p. 73). Use RealJukebox ™ (deactivate security function) for encoding (see p. 28).
Voice mail does not work.	Call diversion not set	Set call diversion (see p. 60).
Message "![msg icon]".	Message store full	Delete a message to make room (see p. 47).
Message cannot be sent.	Service Providers do not support this service.	Check with your Service Provider.
	Phone number of the Service Centre is not set or is wrong.	Set Service Centre (see p. 49).
	SIM card contract does not support this service.	Contact your Service Provider.
	Service Provider overloaded	Repeat message.
	Addressee does not have a compatible phone.	Check.
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.
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 (see p. 80).
Service Provider code error	No authorisation for this service.	Contact your Service Provider.

Problem	Possible causes	Possible remedy
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, see p. 75.
	No authorisation for this service.	Contact your Service Provider.
	Wrong Windows infrared driver.	Replace Windows infrared driver/contact your PC supplier.

Damage	Possible remedy
Severe shock	Remove battery and SIM and insert them again. Do not dismantle the phone.
Phone exposed to moisture	Remove and dry the battery and SIM card. Dry immediately with a cloth; do not use heat. Dry connector contacts thoroughly. Stand unit upright in a current of air. Do not dismantle the phone.

Declaration of conformity

Siemens Information and Communication mobile hereby declares that the mobile phone described in this user guide complies with all the essential requirements and all other appropriate regulations of European Directive 1999/5/EC (R&TTE).

The corresponding declaration of conformity (DoC) has been signed and a copy of the original can be requested via the company hotline.

Technical data

GSM class 4 (2 Watt)

Frequency range	:880 - 960 MHz

GSM class 1 (1 Watt)

Frequency range	:1710 - 1880 MHz
Weight	:88 g (not including MultiMediaCard™)
Dimensions	:105 x 44 x 17 mm (69 ccm)
Operating voltage	:3.6 V
Operating temperature	:-10°C to 55°C
Operating time	: 80 to 230 hours
Talk time	:1½ to 5½ hours
SIM card:	:3 Volt
SAR	:0.89 W/kg

Maintenance tips

The SIM card/MultiMediaCard™ 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 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.

Phone ID

You will need the following details if you lose 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):

....

Service Provider's Customer Service number:

....

Lost phone

If you lose your phone and/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 fully 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.

General accessories

Spare battery

L36880-N4801-A100 (Li-Ion, 540 mAh)
L36880-N4801-A104 (Li-Ion, 1000 mAh)

Travel charger

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

Like the standard charger, but with automatic voltage selection from 90 to 270 V for international use.

Mobile hands-free kit (PTT)

L36880-N4001-A123

Offers optimum freedom of movement with excellent call quality, on the move or in the car, including PTT (Push To Talk) key for convenient operation.
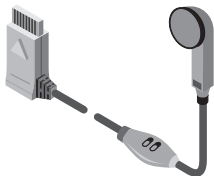
Telephone cases

L36880-N4501-A133

Loop Case - transparent case for wearing around the neck.

L36880-N4801-A103

Jet Case - made from a hard foam material covered in fabric with belt clip.

L36880-N4801-A116

Belt Case - leather case with belt clip.

Data cable

L36880-N3101-A102

Same functionality as infrared technology. Can be used on the RS 232 port if the PC does not have an infrared interface.

Stereo headset with PTT button

L36880-N4801-A115

High-quality stereo headset for listening to music and handsfree talking. The headset has a button for activating voice dialling and for accepting and ending calls.

(Note: identical to the headset included with the SL45i)

MultiMediaCard™

L36880-N8091-A104

16 MB MultiMediaCard™.

L36880-N4501-A137

32 MB MultiMediaCard™.

HomeStation

The convenient, cost-effective solution that combines mobile and fixed network technology. All incoming GSM calls are forwarded to the fixed network phone free of charge. If you dial from the fixed network phone, the more cost-effective rate (fixed-network or GSM) can be selected.

Sync Station

L36880-N4801-A105

The Sync Station (incl.data cable RS232) establishes a connection to the PC and, in conjunction with the charger, charges the phone at the same time. Can also be used as a charger without connecting to a PC.

(Note: identical to the Sync Station included with the SL45i).

Original Accessories	Original Siemens accessories
On the Internet under http://www.siemens.com/sl45shop	
Phone nos:	
France	+33 (0)1 70 20 00 06
Ireland	+353 18 90 26 07 60
Sweden	+46 (0) 87 52 65 27
UK	+44 (0) 20 77 44 14 47
See "Siemens Service", p. 80	

Siemens City Portal

On the Siemens City Portal you can find a wide range of ring tones, bitmaps and Java applications that will enable you to adapt your SL42 or SL45i according to your personal requirements.

You can find the City Portal at:

www.my-siemens.com/city

and on the mobile Internet at:

wap.my-siemens.com

The following pages in the User Guide describe the corresponding download procedure:

> ⚠ Accessories must not impair the proper operation of vehicle functions (such as the airbag).

Car Charger Cable

L36880-N4001-A108

This fits standard cigarette lighter sockets (12/24 Volt). Use with the car cradles.

Car Kit Professional Voice

L36880-N4801-A107 (German)
L36880-N4801-A106 (English)

State-of-the-art voice recognition system for safe and convenient communication. Includes all the components needed for installation in a car.

Car Handset

L36880-N3015-A123

Light-weight handset for confidential calls in conjunction with Car Kit Comfort and Car Kit Professional Voice.

Car Kit Portable

L36880-N3015-A117

Hands-free kit with integral loudspeaker, microphone and auto talk feature. Simply plug in to the cigarette lighter socket; makes mobility between vehicles easy.
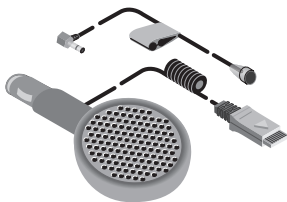
Car Kit Comfort

L36880-N4801-A101

Car Kit Comfort offers safe and relaxed communication whilst driving. High call quality thanks to full duplex operation and digital signal processing.
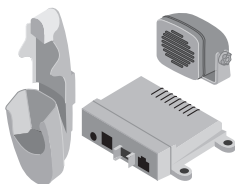
THIS PHONE MODEL MEETS REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your mobile phone SL42/SL45i 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 SL42/SL45i when tested for use at the ear is 0.89 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.