

SIEMENS



We recommend using only Siemens Original Accessories to avoid possible damages.

All functions of the phone are described in the enclosed detailed user guide. In particular please observe the safety precautions which you will find at the beginning of the guide.

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Siemens Aktiengesellschaft
www.my-siemens.com

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Be inspired



User Guide

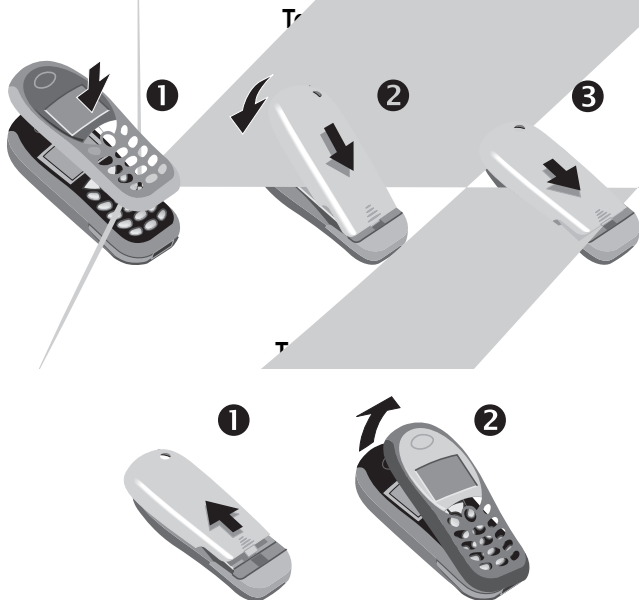


* A 5 B 0 0 0 7 5 0 0 1 6 9 0 *

Thank you for buying a Siemens mobile phone. We wish you enjoyment and pleasure with it.

If you read through the user guide carefully, you will become familiar with the functions of the phone. In particular, please observe the instructions for use and PIN/security (p. 9).

The front and back covers of the casing (Cl) can be removed in a matter of seconds - no tools required:



The display is covered with a protective film. Remove this film before use. In some cases the static charge created by removing this film may cause a slight discoloration at the edges of the display. However, this will disappear within a few minutes.

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**See also Index
at the end of this User Guide**



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



Always use the handsfree kit for calls while driving (p. 75).



Mobile phones must be switched off at all times in an aircraft. To prevent accidental activation, see (p. 53).



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



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



SIM card may be removed. Caution! Small parts could be swallowed by children.



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



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



Neither the phone nor the battery (100% mercury-free) may be opened under any circumstances (except when exchanging the battery or top shell). Any other changes to this device are strictly prohibited, as they will invalidate the type approval criteria required for operation of the unit.

Please note:



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



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



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

Improper use invalidates the warranty!

Overview of the phone

Loudspeaker

Display indicators

Signal strength / battery level.

Call key

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

Phonebook key

Press once for Phonebook
Press twice for Groups

Ringer/signal tones

To switch on and off:

Hold **down**.

Microphone

Device interface

Connection for charger, headset etc.

Soft keys

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

Integrated antenna



Do not interfere with the phone above the battery cover unnecessarily. This would reduce the signal strength.



On/Off/End key

Press briefly:

End call/function and return to standby mode. In menus: one menu level back.

Hold down:

Switch on/off phone (in standby mode).

Key lock

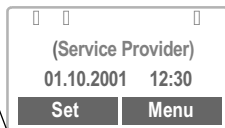
To switch on and off:



Hold **down**



Confirm (switching off only).



To call up a function displayed, press the soft key underneath the function on the **outside**.

Example: Press the right soft key on the **outside** to call up the menu.

Press the soft keys **inside** to scroll through menus and lists.



User Guide

The following symbols are used:

	Enter numbers or letters.
	On/Off/End key.
	Call key.
	Press on the inside to scroll.
	Press on the outside to call a function (soft key).
	Displays a soft key function.
	Function depends on the service provider, special registration may be necessary.

Steps for calling a function as described in this User Guide, e.g.:

Menu → **Audio** → **Volume**

The procedure above corresponds to:

-  Press soft key.
-  Scroll to **Audio**.
-  Select **Audio**.
-  Scroll to **Volume**.
-  Select **Volume**.

Menu control

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

Main menu

To reach the main menu from stand-by mode:

Press the right key on the outside right (soft key).



Menu control

Press those two keys on the inside to scroll up and down in menus and lists.



To carry out the function selected:
Press the right key on the outside right.



Option menu

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

Options Press.

Charge battery

The battery is not fully charged when delivered, so:

- Plug in charger cable at the bottom of the phone, plug in the plug-in power supply unit to the mains power socket and charge for at least two hours.
- Push the sides of the charger cable plug together and pull to remove it.

Functions without SIM card

To display the functions that can be used without SIM card, switch on the phone **without** the SIM card:

Menu Press soft key.

Special case:

SOS Emergency number, SOS

Switch on, off

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

Enter PIN

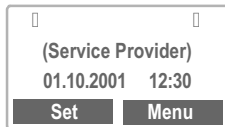
The SIM card can be protected with a 4-8 digit PIN.

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



- OK** Confirm input with the right key (press on the outside).

Logging on to the network will take a few seconds.



When the name of the service provider appears on the display, the phone is in **standby mode** and **ready for use**.

Emergency number (SOS)

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

PIN problems

If the PIN is entered incorrectly three times the SIM card is barred (p. 9).

Activate, deactivate PIN control or change PIN (p. 9).

SIM problems

If "Please insert your SIM card" is displayed, check for faults (p. 69).

Network connection



Strength of incoming signal.



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

If you are outside your "home network" your phone automatically selects a different GSM network (p. 63).



Symbol for special applications on the SIM card (p. 37), e.g. Mobile Banking.



Dialling with number keys

The phone must be switched on (standby mode).

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

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

- Store phone number in the Phonebook (p. 16).
- Press the Call key. The phone number displayed is dialled.

International dialling codes

Many international dialling codes are stored in your phone:

- Hold **down** until “+” appears. This replaces the first two digits of the international dialling code.

+List Press.

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

End call

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

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

Accept call



The phone must be switched on (standby mode).

- Reply** Press or press again.

A phone number is transmitted by the network and displayed. If it is stored in the Phonebook the corresponding name is displayed.

You can use any key to answer incoming calls (p. 60).

Reject call

- Reject** Press or press **briefly**.

Divert Diverts the caller to the mailbox, for example, if **Busy** is set (p. 40) and “call waiting” has been activated (p. 12).

When a number is busy

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

Either

Auto redial previous numbers

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

or

Call back



Call back Press. Your phone rings when the busy number is free. Press the Call key to dial the number.

Reminder

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

Any other call ends the function.

Redial previous numbers

- To redial the phone number **last** called:
 -  Press the Call key **twice**.
- To redial other numbers that were dialled previously:
 -  Press the Call key once.
 -  Pick out the required phone number from the list, then press...
 -  ... to dial.

Options



Call lists (p. 38).

Store phone number in the Phonebook (p. 16).

The numbers of calls that have been received, dialled or missed are stored for call back purposes (p. 38).

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

Functions during a call (p. 12).

Switch off ringer for the current call (but not, if "Any key answer", (p. 60), is active):



Hold down.

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

During a call

Call waiting



You may need to register for this service with your service provider and set your phone accordingly (p. 65).

During a call, you may be advised that there is another call waiting. 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 (p. 40).

End current call



End the current call.

Reply Accept the new call.

Set Volume



You can adjust the handset volume with the arrow keys.

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

Phone number memo

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

Swap/Conference

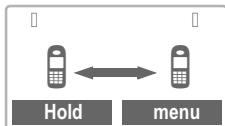


Some functions may not be supported by your service provider.

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 the other party of your intention, then:



Hold Put the current call on hold.

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

Swap

Swap Swap back and forth between both calls.



End the current call.

The following query is displayed:
"Return to the call on hold?"

Yes Return to the held call

or

No The held call is ended.

Conference



Open call menu and select **Conference**.

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

To end:



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

Call transfer



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

The original call is joined to the second one. For you, both calls are now ended.

Call menu

The following functions are only available during a call:

 **menu** Open menu.

Microphone on	Switch the microphone on or off. If switched off, the person on the other end of the line cannot hear you. Alternatively:  Hold down . However, numbers being entered are audible when Send DTMF tones is active.
Volume	Adjust handset volume.
Conference	(p. 13).
Time/charge	While the connection continues, the call duration and (if set, see (p. 39)) the charge details are displayed.
Send DTMF tones	See right.
Call transfer	(p. 13).
Main menu	Direct access to the main menu.
Call status	List all held and active calls (e.g. participants in a conference).

Send DTMF tones

 **menu** Open menu.

Send DTMF tones

Select.

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

Control codes (DTMF tones) stored in the Phonebook (p. 16) can also be entered.

Babysitter

Only **one** phone number can be dialled. Hold **down** the right soft key on the outside right.



Switch on

Menu → Setup → Security
→ Babysitter

Select Press.



Enter phone code (see instructions below).



Confirm input.



Press.



Select phone number from the Phonebook (p. 16) or enter a new one (with name). The babysitter is now active.

Switch off



Hold **down**.



Enter phone code.



Press.



Confirm input.

Phonecode

When first prompted, you define and enter the (4-8 digits) (e.g. for).

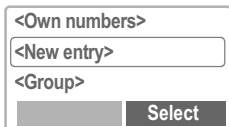
Please do not forget this code!

It applies to other functions as well but it may be changed at any time (p. 62).

Enter frequently used phone numbers in the Phonebook with a special name. To dial then, simply highlight the name. If a phone number is stored with a name, it appears on the display when you are called. You can assign important phone numbers to several **groups**.

<New entry>

-  Open Phonebook.



<New entry> Select.

-  Activate input fields.
-  Enter phone number (with prefix) and name (for additional fields/input aid, see adjacent column).

Save Press to store the entry.

Additional fields

Group

Assign the entry to a group, for example: **Office, Family, Leisure, VIP** (see group functions, (p. 42)).

Location

Select a storage location other than the SIM card (standard) such as phone memory or special SIM card (p. 20).

Record no. (storage location number)

Every entry is automatically assigned a number under which it can also be selected. For information on how to change the number, see (p. 21).

Input aid

If the cursor is in the **input field <Phone number>** you can use the left soft key to display a list with international dialling codes.

+List Press. Select the required country. The international dialling code is displayed.

-  Hold down key until a “+” appears. This replaces the two leading digits of the international dialling code.

<Own numbers>

You can enter your “own” numbers (e.g. fax).

Text entry

Press digit key repeatedly until the required letter is displayed. The cursor advances after a short delay.

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

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

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



Move the cursor.



Switch between UPPER-CASE, lowercase letters and digits.



Write: . , ? ! 0 + - :



Space.

Special characters

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

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

Call/search for an entry



Open Phonebook.



Select a name by entering the first letter (search function) and/or scroll.

<Group>

 Diana

View
 Options



Dial number.

Phonebook-Menu

Options

Open menu.

View	Display the selected entry.
Edit entry	Display phone number and name for changes.
New entry	Create a new Phonebook entry.
Delete entry	Delete entry selected from the Phonebook.
Delete all	Delete all entries after confirmation. Depending on the storage location of the entries, the PIN, PIN 2 or the phone code may also be requested.
Send SMS...	as entry Send a Phonebook entry. as text Send entry as a text of an SMS message.
Insert picture	Assign a symbol to a phone number (p. 22).
Capacity	Display the capacity used and available.

Group

If there are many Phonebook entries it is best to assign them to a group, e.g.:

Office, Family, Leisure, VIP

A special melody can sound (p. 57) and/or a symbol can be displayed (p. 22) if the phone number of a call is registered in a group.

Select a group



Press Phonebook twice (in standby mode).



Select group.

Office	(17)
Leisure	(9)
VIP	(7)
View	Options

View

Press. All entries of the selected group are displayed.

The following functions are applied to the group or all entries of a group:

Group Menu

Options Open menu.

View members	Display all entries assigned to the group.
Rename group	Change the current name of the group.
Remove entries	Remove all members from the selected group.
Group symbol	Assign a symbol to a group (p. 22).
Call to group 	Call up to 5 members of a group one by one and link them together in a conference (p. 43).
SMS to group	Send an SMS to all members of a group (p. 43).

Change group assignment

Normally a group is assigned to a Phonebook entry when it is entered (p. 16). To change the group assignment or to assign to a group later:

When the Phonebook is open:



Select entry.

View

Press.

Edit

Press.



Select Group.

Edit

Press and select a new group.

Save

Confirm assignment.

Group entry menu

The following functions are applied to individual entries of a group.

Options Open menu.

View entry	Display the entry.
Edit entry	Display the entry for changes.
New entry	Open Phonebook and add an entry to the current group.
Remove entries	Delete entry only from the group.
Send SMS...	as entry Send a Phonebook entry. as text Send entry as text of an SMS message.
Insert picture	Assign a symbol to a phone number (p. 22).

Location



Open Phonebook.



Select entry.

Options

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



Go to the input field **Location**.

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

SIM (standard)

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

Protected SIM



Phone numbers can be stored in a protected area on a special SIM card. A PIN 2 is needed for editing (p. 62).

Mobile (phone memory)

Phonebook entries are stored here, if

- pictures are assigned to them,
- the memory of the SIM card is full.

Record no.

(Storage location number)

A record number is automatically assigned to every new entry in the Phonebook.

Making a call



Enter phone number.



Press.



Press.

Edit



Open Phonebook.



Select entry.

Options

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



Go to the input field
Record no..

Edit

Keep pressing until the number you want appears. Only **free** storage slot numbers are presented for selection.

Save

Press.

Store control code

You can store phone numbers **and** control codes (DTMF tones) in the Phonebook like a normal entry e.g. to operate an answering machine remotely.



Dial number.



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



Enter DTMF tones
(digits).



If necessary, enter further pauses of three seconds each to ensure correct processing at the destination.



Enter a name.

Save

Press.

You can also store the DTMF tones (digits) without a phone number and send them during a call (p. 14).

Insert picture

Assign a picture/symbol to phone numbers. This picture/symbol will appear in the display when there is a call from this number. These entries are stored in the phone and not on the SIM card!



Open Phonebook.



Select entry.



Open the menu and select **Insert picture**.

Calling faces

You can assign a “portrait” to entries. It can be assembled from 9 pictorial elements.



Scroll up and down to mark the part of the face (top, centre, bottom).



Use the left soft key to scroll between the three views available.



The “portrait” is appended to the Phonebook entry.

Calling symbol

You can assign one of many standard symbols to a phone number. Three symbols are displayed at one time. The centre symbol is the current selection.



Scroll in the symbol list.



The selected symbol is added to the Phonebook entry.

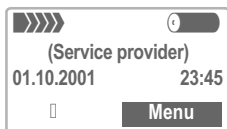
You may transmit and receive messages on your phone (up to 160 characters).

Depending on the service provider, emails and faxes can also be sent via SMS (change setting if necessary, (p. 29)).

Read Messages

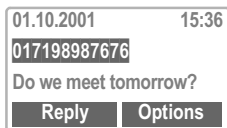


Display indicates a new message.



Press the soft key below the letter symbol to read the message.

Date/time
Phone
number/
sender
Message



Scroll through the message line by line.

Reply

Reply menu, see below.

Options

Inbox/outbox menu (p. 24).

Reply Menu

Reply Open reply menu.

Write message	Create a new reply text (p. 25).
Edit	Edit message received or assign a new text to it.
Answer is YES	Add YES to the message.
Answer is NO	Add NO to the message.
- Call back - Delay - Thanks	Append a standard text to the message as a reply.

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

 The memory is full when the message symbol flashes. **No more** SMS messages can be received. Delete or save messages (p. 24).

Numbers **highlighted** in the message can be dialled (Call key), stored in the Phonebook (p. 16) or used as the address for a reply.

Pictures or **sounds** can be part of messages you received. Pictures are shown in the message, sounds are indicated as notes. If a note is reached when scrolling through the message the corresponding sound is played.

Inbox/Outbox

- Menu**
- Messages
 - Inbox/Outbox

Compose a message

Menu → **Messages** → **New SMS**



Text input using “T9” allows you to quickly create long SMS messages using just a few key entries (p. 27).

To delete letter by letter, press **Delete** briefly, hold down to delete the entire word.



Press.



Dial number or pick out from the Phonebook.



Confirm.



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



Return to the editor.



Open menu and select **Save** to store the message.

Text Menu

Options Open the text menu.

Send	Dial the number of the address or select from the Phonebook, then send.
Save	Save the composed message in the outbox list.
T9 input (p. 27)	T9 preferred Activate/deactivate T9 input. T9 language Select the language in which the message is to be composed.
Insert new line	Enter a line break.
Delete text	Delete the whole text.
Picture & Sound	Add pictures and sounds to message (p. 26).
Insert text	Insert standard text in the message.
Insert from...	Open Phonebook and copy the phone number into the text.
Insert URL	Insert URL from the WAP bookmark in the text.

If **Message type**, **Validity period** or **Service centre**: are requested, see (p. 29)

Information on SMS

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

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

Predefined text

Standard text fragments which can be added to messages are stored in the phone. You can also create five additional text fragments yourself.

Write text fragments

Menu → Messages
→ Predefined text

New entry Select.



Write text fragment.



Save Press.

Use text fragment



Compose message
(p. 25).



Options Open the text menu.

Insert text Select.



Select text fragment
from the list.



Select Confirm. The text fragment is inserted in the message at the cursor position.

SMS to group

You can send messages (SMS) as “circulars” to all entries of a group (p. 43).

Picture & Sound (EMS)

Pictures and sounds can be inserted in the message. Playback only occurs on phones that support this function. In input mode a wildcard is shown instead of the picture/sound.



Compose the message
as usual.



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

Picture & Sound The first of 15 pictures from the picture list is shown.

Pictures



Scroll in the list to the desired picture.



Select The picture is “inserted”
in the text and shown as
a wildcard.

Sounds

Picture & Sound Select.



Sounds The first of 10 sounds is
played.



Scroll in the list to the desired sound.



Select The sound is “inserted”
in the text and shown as
a wildcard.

Text entry with "T9"

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

Activate, deactivate T9

Options First select **T9** input, then select **T9 preferred**.



Activate T9 and confirm with **Select**.

Select T9 language

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

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

Create a word using T9

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

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

□ □ □ □ □ □ □ □

Do not use special characters such as Ä but write the respective standard character, e.g. A, T9 will do the rest for you. If the word that T9 has chosen is not the one you want, see (p. 28).



Press **once** for uppercase/lowercase,
Press **twice** for digits.



Press before the word for uppercase/lowercase or digits.



Blank. Ends a word.



Full stop. Ends a word when a blank follows. Acts as a wild-card character for an apostrophe/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 key repeatedly until the character is displayed. To write special characters after numbers (e.g. 5 £), switch to the letter mode first: □

1 □	Blank	1	€	£	\$	¥	¤		
0 +	.	,	?	!	0	+	-	:	;
	i	"	'	;	_				
* Δ	*	/	(	)	<	=	>	%	~
# r0	#	@	\	&	§	Γ	Δ	Θ	Λ
	≡	Π	Σ	Φ	Ψ	Ω			

Display in the uppermost line:

T9 T9 active.
abc/Abc/123 Uppercase/lowercase,
digits.

T9 word suggestions

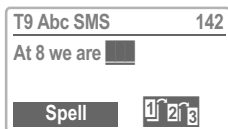
If several options are found in the dictionary for a key sequence (a word), the most probable is displayed first. If the word you mean has not been recognised, the next suggestion from T9 may be correct.

The word must be **highlighted**. Then

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

 press again. Repeat until the correct word is displayed.

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



Spell Select.

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

Correct a word

Words created **using** T9:



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



Scroll through the T9 word suggestions again.



Deletes the letter on the left of the cursor **and** displays the 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 **not** created using T9:



Move character by character to the left/right.



Deletes the letter on the left of the cursor.



Symbols are inserted at the cursor position.

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.

Setup

An SMS profile (maximum 5) defines the transmission characteristics of an SMS.

The presetting depends on the SIM card inserted.

Menu → Messages
→ Setup

You can select a profile from the list of available profiles. To activate it:

Activate Press.

Setup menu

Options Open menu.

Activate	Use the profile selected.
Change settings	Change profile, see options below.
Rename	Rename the profile.

Service centre

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

Recipient

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

Message type

Manual selection	The message type is requested for each message.
Standard text	Normal SMS message.
E-mail	Transmission via SMS.
Fax	Transmission via SMS.
New	You may need to obtain the required code number from your service provider.

Validity period

Select the period in which the service centre tries to deliver the message:

Manual selection, 1 hour, 12 hours, 1 week, Maximum *, New

* 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



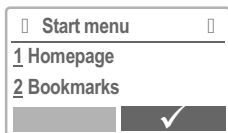
The reply to your message is handled via your service centre when this function is activated (for information please contact your service provider).

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

Internet access

Menu → Surf & fun → Internet

You can set the Internet access profile (see *Start with...*(p. 31)).
The start menu appears, e.g.:



Select the required function

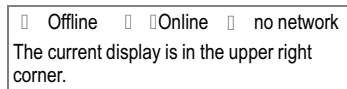


Confirm.

You can now surf the Internet...



Hold **down** to end the connection.



Start menu

Homepage	The connection to the Internet provider's portal is established (may be set/preset by the provider).
Bookmarks 	Display up to 10 URLs stored in the phone for fast access (not supported by all providers). For how to use see p. 34.
Resume	Call up recently visited pages that are still in the memory.
Profiles	Set up to 5 access profiles (p. 32). Select New entry to enter a new profile.
Exit browser	Close the browser and clear down the connection.

Example: Homepage

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



The contents of options menus are also variable.

Browser menu

Menu access is only possible when a WAP page is displayed (online or offline):



Press to start the browser menu.

Homepage	The first WAP Internet page that is displayed after connection is established (may be set/preset by the service provider).
Bookmarks 	Display up to 10 URLs stored in the phone for fast access (not supported by all Service Providers). For how to use see p. 34.
Resume	Call up recently visited pages that are still in memory.
Go to URL	Enter URL for directly accessing an Internet address.
Show URL	Show the Internet address of the current page.
Reload	The page is reloaded.
Disconnect	Close the browser and clear down the connection.
More ...	See below.
Exit browser	Close the browser and clear down the connection.

More ...

Profiles	Set up to 5 access profiles (p. 32).
Reset	Delete the pages last visited (cache).
Inbox	Inbox for incoming messages.
Charge info	Display call duration and transmission speed.
Security	For secure data transmission, some information is encrypted. All browser data relevant to security can be selected in this menu. Further information on security is found under: http:// www.my-siemens.com/c45
Font size	Switch between small and standard font size.
Start with...	Select the display for Internet access: Start menu Browser menu Homepage Resume Bookmarks
About Open-wave	Display the browser version.

Setup

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

- If the settings have already been made by your service provider you may begin immediately.
- If access profiles have already been assigned by your service provider select a profile and activate it (p. 33).
- The access profile must be set and activated manually.

If necessary, check with your service provider for details.

Profiles

You can set or change up to 5 access profiles (may be barred by your service provider). The entries and functions may vary depending on your service provider. You can change a profile each time before accessing the Internet (p. 33).

Profile settings

To create a new profile proceed as follows:

Menu → Surf & fun → Internet
→ Profiles



Select a profile.

Edit

The entry card is displayed.



Make your entries field by field.

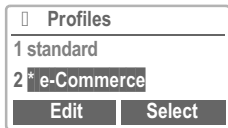
You may get further information on the entries from your service provider.

Profile name:	Name the profile or change it.
Wap parameters	IP address: Enter IP address. Port: Enter port number. Homepage: Enter homepage (p. 32) if not set by the service provider. Linger time: Enter time in seconds after which a connection should be terminated if no input or data transfer takes place.
CSD settings	Dial-up no.: Enter ISP number. Call type: Select ISDN or Analogue. Login name: Enter login name. Password: Enter password (shown as a series of asterisks)

Save

The settings are stored and the profile list is shown.

Activate profile



Activate a profile to establish the Internet connection:

Menu → Surf & fun → Internet
→ Profiles



Select the required profile.

Select

Press to activate. The connection is established.

Special characters

(as with the SMS text editor)



Press 3 times for /



Press 3 times for @



Press for . (full stop)



Press repeatedly for :



Press repeatedly for ~

Your Internet browser is licensed by:



OPENWAVE™



Operating instructions

Start with...

You can set what is to be displayed after Internet access:



Open the browser menu.

More ... Select.

Start with... Select, then select from the list:
 Start menu (p. 30)
 Browser menu (p. 31)
 Homepage
 Resume (p. 31)
 Bookmarks

Edit

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

Menu → Surf & fun → Internet
 → Profiles

Select the profile, e.g.:

E-Commerce Select.

Edit The entry card is displayed.

Wap parameters/Homepage

Select.



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

Save Press.

Enter the Internet address (URL)

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



Open the browser menu.

More ... Select.

Go to URL Select.



Enter URL and confirm. The connection is established.

Bookmarks

You can store a list of your favourite Internet addresses (URLs) in the phone depending on the service provider:

Save



Open .

Bookmarks Select.

Online:

Add bookmark The current WAP address is added as a bookmark.

Offline:

(Empty) Select, enter name and URL and confirm.

To use a favourite

Proceed as with "Save" then select the stored bookmark in the list and confirm. The connection is established.

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 receive,
- if you do not want to answer,
- if you are making a phone call (and if **Call waiting** is not active, (p. 12)).

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 following description may vary slightly depending on the service provider.

Setup

Your service provider supplies you with two numbers:

Mailbox number

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

Menu → Messages
→ Voice message

Select phone number from the Phonebook 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 of the mailbox.

OK Registration at the network will be confirmed after some seconds.

For further information on call divert, see (p. 40).

Listen to



A new voice mail can be displayed as follows:

□ Icon plus beep

or

□ a text message announces a new voice mail

or

you receive a call with an automatic announcement.

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



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

Outside your home network you may need a different mailbox number and enter a password to access your mailbox.

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

Menu → Messages → Cell broadcast

Broadcast



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

Read new CB

All unread CB messages are displayed.



Scroll through the message line by line.

Topic list

You can add an unrestricted number of topics to this personal list from the topic index (see "Topic retrieval", (p. 37)). You can preset 10 entries with their channel number (ID) and, if necessary, name. Five topics can be active at one time.

New topic

New topic Select.

- If no topic index is available (see "Topic retrieval", (p. 37)), enter a topic with its channel number and confirm with **OK**.
- If the topic index has already been transmitted, select a topic and confirm with **OK**.

Selection from a list

Options Open the list menu.

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

To switch to "full page view" automatically:

 then press **Read CB**.

Topic index



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

If none are displayed you must enter the channel numbers (ID) manually (see “Topic list,” (p. 36)). Please contact your service provider for details.

CB languages

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

SIM services (optional)



Your service provider may offer special applications such as Mobile Banking, stock market, etc. via the SIM card.

If you have such a SIM card 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 they are displayed in the “SIM services” menu.

Menu → SIM serv

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

Displays



Topic activated.



Topic deactivated.



New messages received on the topic.



Messages on the topic already read.

Highlighted phone numbers can be:



dialed

or

Options

stored in the Phonebook.

Additional beep, see (p. 57),.

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

Menu → **Records**



Select the required call list and select the number there.



Dial number
or



view information on the phone number:
date, time, number of calls.

The following call lists are available:

Missed calls



The phone numbers of calls that you have not answered are recorded for call back purposes.

Requirement:

The network used supports the “Caller Identity” feature.

Calls received



All accepted calls are listed.

Requirement:

The network used supports the “Caller Identity” feature.

Calls dialled

Access to the last phone numbers you dialled.



Fast access to standby mode.

Erase records

The contents of all call lists are deleted.

Records-Menu

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



Options Open list menu.

You can edit an entry, delete it or transfer a phone number to the Phonebook.



Easy access to the call lists from the standby mode.

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

Display

Menu → **Records** → **Time/charge**

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

Last call

All calls

or when All calls is deactivated:

Last call

All outgoing

All incoming calls

Select a call type.

Select Display the data.

When displayed, you can:

Delete Clear display.

OK End display.

Charge settings

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

Conv.

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

Personal rate



(PIN 2 needed)

Enter the charges per unit/period.

Account limit



(PIN 2 needed)

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

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

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

All calls



Switch between the displays.

All incoming



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

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

Special registration may be necessary for this service.

Auto display

Call duration/charges are automatically displayed after each call.

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

Menu → **Divert**

Set divert:

The most common condition for forwarding is:

Unanswered

Menu → **Divert**



Select
Unanswered.

Select

Press.

Set

Select.



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

or



select the phone number from the Phonebook or from the **Mailbox**. Confirm with:

OK

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

All calls

All calls are diverted.



Symbol in the top line on the display in standby mode.

Specific divert

Not reachable

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

No reply

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

Busy

Divert if a call is in progress.

Receiving fax

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

Receiving data

Unanswered

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

Not reachable, No reply, Busy

Status check

You can check the current divert status for all conditions.

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

- ☐ Condition set.
- ☐ Not set.
- ? Display if status is unknown (on a new SIM card for example).

Clear all

All set diversions are cleared.

To check or delete a certain condition:

First select the condition.

Select Press.

Check status

or

Delete Select.

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

Reactivate divert

The last divert has been stored.

Proceed as with "Set Divert":

The stored number is displayed. Confirm the number.

Edit phone number

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

Delete Delete the phone number.

Enter new number and confirm.

If there are many Phonebook entries it is best to assign them to a group (p. 19): **Office, Family, Leisure, VIP**

Menu → **Get in touch** → **Group**
→ select a function:

SMS to group

A memo (SMS) can be sent as a circular to all members of a group.



Select a group.

Office	
Leisure	
VIP	
	Select

Select

Press. The group is confirmed and the editor is opened.



Compose message (p. 25).



Press and confirm the displayed group with **OK**.



Press. The first recipient is displayed.



Press. The SMS is sent.
Each send operation must be confirmed.

Call to group

You can call up to five members of a group or link them together in a conference.



Select a group.

Select

Press. The group members are listed.



Select the entries you want to call.

Edit

Press. Highlight entry/unmark entry.

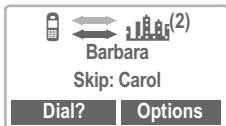
☐	Anne
☒	Barbara
☒	Carol
Edit	OK

OK

Confirm selection.

- Press. The first number is dialled. When the connection has been established the call is put on hold.
- Proceed with calling the next entry until all highlighted entries are called (up to 5, depending on the service provider).

Options Open the menu, e.g. to link the calls on hold in a conference



Call to group-Menu

Options Open menu.

Dial	Dial current entry.
Reject	Reject (p. 12).
Conference	Link all calls on hold in a conference (p. 13).
Swap	Accept the waiting call and place the current call on hold.

Microphone on	Switch the microphone on or off. If it is switched off, the person on the other end of the line cannot hear you. Alternatively:  Hold down. However, numbers being entered are audible when Send DTMF tones is active.
Volume	Adjust handset volume.
Time/charge	While the connection continues the call duration and (if set, see (p. 39)) the call time/charges are displayed.
Send DTMF tones	(p. 14)
Call transfer	(p. 13)
Main menu	Direct access to the main menu.
Call status	List all held and active calls (e.g. participants in a conference).

Menu → Get in touch → Group

Group setup



Select a group.

Select

Press. The group is displayed for editing.

The following functions are applied to the group or all entries of a group:

Group Menu

Options

Open menu.

View members	Display all entries assigned to the selected group.
Rename	Change the current name of the group.
Remove entries	Remove all members from the selected group. The entries in the Phonebook are not affected.
Group symbol	Assign a symbol to a group (p. 22).

Change group assignment

Normally a group is assigned to a Phonebook entry when it is entered (p. 16).

To change the group assignment or to assign a group later, the following steps are necessary:

When the Phonebook is open:



Select entry.

View

Press.

Edit

Press.



Select Group.

Edit

Press and select a new group.

Save

Confirm assignment.



Phonebook key

Press 1 x for Open Phonebook

Press 2 x for Display groups

Press 3 x for Display group entries

Menu → Get in touch → Organiser
→ then select a function

Diary

Up to 50 appointments can be entered. An alarm sounds even when the phone is switched off (the phone does not switch to standby mode). To deactivate it press any key.

New entry		
	15.10.2001 11:30	
	16.10.2001 12:00	
View		Options

If an alarm is missed (e.g. because you are making a phone call) it appears in the list of missed appointments (p. 38).

New appointment

<New entry> Select.



Make the entries field by field:

Type:

 **Memo.** A text with up to 20 letters may be added.

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

 **Meeting**

Description:

A short description can be entered.

Reoccurrence:

Period for repeating.

Date:

Enter start date.

Time:

Enter start time.

Save Store the appointment.

Appointment list Menu

Options Open menu.

View	Display the selected entry.
Activate/De-activate	Activate or deactivate an appointment.
Edit	Display the entry for changes.
New entry	See left.
Delete entry	Delete the selected entry.
Delete all	Delete all appointments after confirmation.
Send SMS...	as entry Send appointment entry as text Send entry as text of an SMS message.
Capacity	Display number of appointments set.

Deactivate all alarms (p. 52). **Ringer setting** (p. 57), **Clock** (p. 49).



Display when alarm is active.

Pause

Repeats the alarm after 5 minutes.

Menu → Get in touch → Organiser
→ then select a function

Birthdays

Your phone will remind you of birthdays so you do not forget them any more.

<New entry>

New entries are added to the birthday list with **Name:**, **Date:** and **Time:**.

<New entry>	
	20.08 Carol
	21.05 Daniel
View	Options

<New entry> Select.

Entries in the appointments list (p. 45) with the appointment type **Birthday** are also displayed in the birthdays list.

Birthdays-Menu

Options Open menu.

View	Display selected entry.
New entry	Enter a new birthday.
Activate/Deactivate	Activate/deactivate alarm.
Delete	Delete the selected entry.
Delete all	Delete all birthdays after confirmation.
Edit entry	Display entry for changes.

Send SMS...	as entry Send birthday entry.
	as text Send entry as text of an SMS message.
Capacity	Display number of entries made.

Reminder

An alarm will remind you of the birthday twice:

- 24 hours before the start date of the birthday as entered,
- Directly on the birthday with the following options:

Options Open the menu

Send	Send a birthday SMS with standard (changeable) text.
Birthday call	Dial the number.
Pause	Repeat the alarm after 5 minutes.
Off	Stop the alarm.

If an alarm is missed (e.g. because you are making a phone call) it appears in the list of missed appointments (p. 38) with the same options as described above.

Menu → Get in touch → Organiser
→ then select a function

Notes

T9 support makes writing memos, e.g. shopping lists, easier for you (p. 27). Protect confidential data with the phone code (p. 62).

New entry

<New entry> Select.

 Enter the text.

Options Open menu.

Save Store the entry.

Editor Menu

Options Open menu.

Save	Store the entry.
T9 input (p. 27)	T9 preferred Activate intelligent text entry or deactivate it. T9 language Select the language in which the message is to be composed.
Line feed	Enter a line break.
Delete text	Delete the memo.
Send SMS...	as entry Send note entry. as text Send entry as text of an SMS message.

Display entry

<New entry>

Shopping list

 Holiday appointment

View

Options



Select entry.

View

Open memo.

(Notes continued)

Menu → Get in touch → Organiser
→ then select a function

Memo list Menu

Options Open menu.

View entry	Display the entry.
Edit entry	Display the entry for changes.
New entry	Enter a new memo.
Delete	Delete entry from memo list.
Delete all	Delete all memos after confirmation.
Confidential	Protect entry with phone code (p. 62).
Send SMS...	as entry Send note entry. as text Send entry as text of an SMS message.
Capacity	Display the capacity used and available.

Information on **Confidential**:

We recommend you not to store any passwords (PIN, TAN etc.) here.

Alarm clock

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

On / off Switch the alarm on and off.

Edit Display the set time and date for the alarm call.

Time Set the time for the alarm call (hh:mm:ss).

Days Set the days for the alarm call with **Edit**.

Missed alarms

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

Menu → Get in touch → Clock

Time/date

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

Edit Press.



First date
(day/month/year),
then time (24 hours in-
cluding seconds).

This function is identical to **time/date** on
(p. 65).

Format date

Setting of the date format:
DD.MM.YYYY or MM/DD/YYYY

Auto display

The time display can be switched on
and off.

Auto phone off

The phone switches off each day at
the set time.

Activate:

Clock Press.



Enter the time
(24 h clock).

OK Confirm.

Deactivate:

Manual Press.

OK Confirm.

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

Auto timezone



If this feature is activated, you will be
asked if you want to change the time
whenever you cross into a new time
zone.

Menu → Surf & fun → Games
→ BattleMail

BattleMail™ Kung-Fu is an action game where you must defeat an enemy by combining attacking and defending moves.

Game menu

Practice Mode

You are playing against the “phone enemy.” Registration is not needed for this.

First select one of five warriors which are to fight for you. Now set 6 attack and 6 defence moves each.



See “Key control” below.

Start Press. The battle begins and is shown on the display.

How to Play

Provides information on how to play the game.

Key control

The attack and defence moves can be executed in three directions:



Confirm move.



Select attack/defence.



Retract one move.

Note

BattleMail™ Kung-Fu will soon be offered by many service providers in a multiplayer version to be played worldwide via SMS and/or e-mail.

Your phone must be enabled (registered) to use this play mode. Get the relevant information from the Internet under:

<http://www.my-siemens.com/c45>

Menu → Surf & fun → Games
→ Select game

Select a game from the list and have fun!

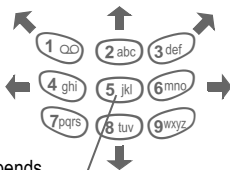
Game instructions

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

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

Start Start game.

Key control



function depends
on the game

or

use the keys



and



Menu → Surf & fun → Games
→ Setup

Setup

You can activate and deactivate the following functions for the games:

Sounds

You can switch the sounds for the games on and off.

Illumination

You can switch off the display illumination to increase standby time.

Silent alert

You can switch the silent alert for the games on and off.

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

- Five profiles are standard with default settings, they can be changed however:

Normal envi., Quiet environ.,
Noisy environ., Car Kit, Headset

- You may set two personal profiles individually:

Profil 1, Profil 2

- The special profile **No alarm** is fixed and cannot be changed (p. 53).

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 or a personal profile.

Activate

Activate the profile.

☐	Normal envi.
☒	Quiet environ.
☐	Noisy environ.
Activate Options	

- ☒ Highlights the active profile.

Setup

Edit a default profile or create a new personal profile:



Select profile.

Options

Open menu.

Change settings Select.

The list of available functions is displayed:

Ringer setting	(p. 57)
Volume	(p. 57)
Melodies	(p. 57)
Silent alert	(p. 57)
Call screening	(p. 57)
Information tones	(p. 57)
Key tones	(p. 57)
Bitmap style	(p. 60)
Big letters	(p. 60)
Illumination	(p. 60)

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

Profiles-Menu

Options

Open menu.

Activate	Activate profile.
Change settings	Change profile settings.
Rename	Rename personal profile.
Copy from	Copy settings from another profile.

Menu → Profiles
→ select a function:

Car Kit

If an original Siemens Car Kit is used the profile is activated automatically as soon as the phone is inserted into the cradle (see also p. 66).

Headset

If an original Siemens Headset is used the profile is activated automatically as soon as the headset is plugged in (see also p. 66).

No alarm

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

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

Activate

Menu → Profiles



Select **No alarm**.

Activate

Activate the profile.

Profile selection must be confirmed.



Then switch off the phone, otherwise the phone switches itself off automatically after 30 seconds.

Normal operation

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

Menu → My Menu

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

The list of 10 entries available is preset, however you can change it according to your wishes.

For fast access from standby mode:



Press then...



... press twice.

Apply



Select the required entry.

Select

Press.



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

Edit

You can replace each preset entry (1-10) with another entry from the selection list of **My Menu**.



Select the required entry.

Options

Press.

Edit

Press.



Select the new entry in the list of your favourites.

Set

Press.

If you have selected a phone number or a WAP favourite as a new entry, the relevant application opens to choose from.

Reset

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

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

Left soft key

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

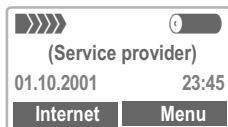
Edit

A function may already have been programmed on the left soft key by your service provider (e.g. access to “SIM services”). It may not be possible to modify this key assignment.

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

Key assignments available:

- Internet (p. 30)
- Phone number (p. 16)
- Alarm clock (p. 48)
- New SMS (p. 25)
- Illumination (p. 60)
- Hide ID (p. 65)
- Games (p. 50)
- Missed calls (p. 38)
- Calls received (p. 38)
- Inbox (SMS) (p. 24)
- Outbox (SMS) (p. 24)
- My Menu (p. 54)
- Call screening (p. 57)



Internet

Press **briefly**.

Edit

Scroll to the application in the list.

- Assign the new application (e.g. **New SMS**) to the soft key.
- Special case **Phone number**. Pick out a name from the Phonebook (e.g. “Carol”) to assign to the soft key.

Select

Confirm setting.

Apply

The setting “Carol” is used here only as an example.

Carol

Hold **down**.

Speed dialling keys

Digit keys 2 to 9 can be used as speed dialling numbers for fast access. For available key assignments, see (p. 55).

The following key is reserved:

 = mailbox number (p. 35)

Edit

In standby mode:

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

Set Press.

or

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

Edit Scroll to application in the list.

Special case **phone number**. Select a name from the Phonebook for assignment to the key.

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

Select Confirm setting.

Apply

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

In standby mode:

 Press.

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

SMS hold **down**

or simply

 hold **down**.

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

Menu → **Audio**
→ select a function:

Ringer setting

Activate/deactivate the ringer or reduce it to a short beep.



Beep is active



Ringer is deactivated.

In standby mode: activate, deactivate also with:



Hold down.

Volume



Select the range:

All calls

Calls

Group calls

Appointments

Messages

Cell broadcast services



Set volume.



Confirm.



Displays rising volume.

If two separate phone numbers are registered for your phone you can set different volumes for them (p. 63).

Silent alert

To avoid acoustic interference by the ringer, you can activate the trembler instead. It can also be active in addition to the ringer (e.g. in noisy environments). The trembler is deactivated when the phone is inserted into the desktop charger or into the Car Kit.

Call screening



Only calls from numbers that are in the Phonebook are signalled audibly or by the trembler. Any other calls are merely displayed.

If you do not accept these calls they are diverted to your mailbox (if set, (p. 40)).



Display when activated.

Information tones

Set service and alarm tones:



On or Off.



On and Extended.

Key tones

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

1 minute beep

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

Melodies

You can choose from 20 stored melodies and four individual melodies that are loaded (**Individual 1 to 4**).



Select the type:

All calls

Calls

Group calls

Appointments

Messages

Cell broadcast services

Mel. manager (see below)



Select the melody.



Confirm.

Compose/load individual melodies with Soft Data Link 5 from your PC (p. 74).

Melody Manager

You can use this function to manage your melodies.

Load and play melodies

Menu → Audio → Melodies
→ Melody Manager



Select.



Select memory location
Individual 1 to 4.

Select Load melody to the buffer.

Play Play melody.

Receive and save melodies

A melody is transferred to the buffer via SMS/WAP. When a melody has been received an icon appears above the left soft key. Press this key to start the melody manager.

A loaded melody must be stored on **Individual 1 to 4** for later use:

Options Open menu.



Select memory location
Individual 1 to 4.



Store melody.

Melody Manager-Menu

Options Open menu.

Play	Play the current melody.
Save	Store melody on the memory location (Individual 1 to 4)
Load	Load melody from Individual 1 to 4 .
Discard	Delete current melody from the buffer.
Delete	Delete melody from Individual 1 to 4 .
Send	Send melody via SMS.

Device

Menu → Setup → Device
→ Select a function.

Language

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

*#0000# 

Display

Screensaver

The Screensaver shows a graphic after a period of time which the user can set. It protects the phone against unauthorised use (p. 60), like the key lock. An incoming call or a long press on  and confirmation with **OK** will end the function.

You have the following options:

- Activate/deactivate the function.
- Set style: Graphic, analogue clock
- Load graphic via **Bitmap viewer**.
- Test Screensaver.
- Set period after which the Screensaver starts.
- Activate password query as a security setting.

Bitmap viewer

A graphic can be transmitted to the Bitmap viewer via SMS from a provider or downloaded via WAP.

- Show stored graphic

Bitmap viewer Open.

Load Select **Screensaver** or **Logo**.

Select Graphic is shown.

- Receive graphic

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

- Store graphic

Store current graphic in the Bitmap viewer:

- **Save** Select **Screensaver** or **Logo**.

Bitmap viewer-Menu

Options Open menu.

Save as... Store the current graphic on one of the storage locations.

Load Load graphic to the Bitmap viewer.

Discard The current graphic is discarded.

Delete Delete a graphic from **Screensaver** or **Logo**.

Send via SMS Send graphic via SMS.

Menu → Setup → Device
→ Select a function.

(Display continued)

Illumination

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

Big letters

You can choose between two font sizes for the display.

Bitmap style

Select between two animations that are shown in different situations, e.g. when entering a PIN.

Own greeting

The greeting is displayed when you switch on the phone.

Edit Activate/deactivate.

 Delete old message and compose new message.

OK Confirm changes.

Contrast

Setting of the display contrast.

Keys

Any key to answer

You can press any key to accept an incoming call (except .

Auto key lock

The automatic key lock activates automatically when no key has been pressed for one minute. This prevents unintentional activation of the phone key, however you still remain reachable and can make an emergency call.

The keypad can also be directly locked and unlocked.

As follows:



Hold **down**.



Confirm (switching off only).

Key tones

Set the type of acoustic key tone:

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

Menu → Setup → Device
→ Select a function.

Status

Factory settings

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

Phone identity

The phone identity number (IMEI) is displayed. This information can be helpful for customer service.

Fast search

When this function is active, network reconnection is speeded up (standby time is reduced).

T9 input

T9 preferred

Activate intelligent text entry or deactivate it.

T9 language

Select language in which the message is to be composed.

Security

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

Menu → Setup → Security
→ select a function:

Codes

PIN control, Change PIN, Change PIN2, Change phonecode
(p. 9)

Babysitter

(Phonecode protected)

Only **one** number can be dialled. Hold **down** the right soft key on the outside right (p. 15).

Allow only

(PIN2/Phonecode protected)

Dialling is restricted to the numbers in the Phonebook, new numbers are not available. If only area codes are entered, the relevant phone numbers can be added to these manually before dialling.

Depending on whether the Phonebook is stored on the SIM card or in the phone, the PIN 2 or the phone code is requested before changes can be made.

Only

(PIN2 protected)

The dialling options are restricted to SIM protected phone numbers. If only area codes are entered, the relevant phone numbers can be added to these manually before dialling.

Last 10 only

(Phonecode protected)

Calls are limited to the call list (p. 38) of “dialled numbers.” This list can be filled with phone numbers specifically for this purpose:

First delete the call list, then create “new entries” by dialling phone numbers and cancelling before the connection is established.

This SIM only

(Phonecode protected)

Your phone is prevented from being operated with **a different** SIM card.

Network

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



This function is only displayed if it is supported by your service provider.

Two independent phone numbers must be registered on the phone.

Select

Select the currently used phone number.

1 > Display the active phone number.

Special settings can be made for each phone number (e.g. melody, call divert etc). Switch to the required phone number first. To switch the phone number/line (in standby mode):

0 + Press.

Line 1 Press.

Lock

(Phonecode protected)

You may limit usage to one phone number.

Configuration

Network info

The list of GSM networks currently available is shown.



Indicates forbidden service providers (depending on SIM card).

Choose network

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

Auto network

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

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

Net operator

A list of all known GSM Networks worldwide is displayed with the current codes.

Band selection

Select either GSM 900 and GSM 1800.



Menu → Setup → Network
→ select a function:

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 of your service provider is displayed first. You can edit it as required:

List Display list of preferred networks.

- Create new entry:

New entry Select,

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

- Change/delete old entry:

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

Barrings

Barring restricts the use of your SIM card (not supported by all service providers). You need a 4 digit pass-

word that your service provider sr.1((s)6.7(-))TD0.0066 Tc-0.02)4.1((de)11.2(ie.3

User group



Menu → Setup
→ User group

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

User group

Activate or deactivate the function. "User group" must be deactivated for normal use of the phone (phone code, (p. 62)).

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.

Outgo. access

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

Preferred group

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

During a call

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

Call waiting



If you are registered for this service you can check whether it is set, and you can activate or deactivate it (p. 12).

Hide ID



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

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

Clock

(see p. 49).

Accessories

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

Car Kit

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

User-definable settings:

Auto answer

(factory default: on)

Calls are accepted after the 3rd ring. Depending on the setup the ignition may need to be switched on. Bugging is possible!



Indication on the display.

Auto phone off

(factory default: 2 hours)

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.

Automatic settings:

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

Headset

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

User-definable settings:

Auto answer

(factory default: off)

Calls are automatically accepted after the 3rd ring. You should be wearing the headset. Other people may be able to hear the phone.

Switching between phone and Headset

Switch to Headset during a call (if the phone is connected to the Headset).



Activate and deactivate.

Automatic setting:

Accept call with the Call key or PTT key (Push To Talk) when the key lock is activated.

Automatic answer

If you fail to notice an incoming call there is a risk that it may be overheard by others.

HomeStation

These functions are only available with the appropriate original Siemens accessories (p. 74).

Menu → Setup
→ Fax/data mod.

With the phone and a connected PC, you can transmit and receive faxes and data. Appropriate software for data communication/fax communication must be available on your PC and there must be a connection to the phone.

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

Fax/data mod.



Your service provider has given you a number for telephoning and a fax/data number.

Send

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

Receiving

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

Now start the communication program in your PC to receive the fax/data.

Speech/fax



Send

Menu → Setup
→ Fax/data mode
→ Send vce/fax

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

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

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

Receiving

(Only if a special fax or data number is available)

Start the required communication program in your PC and switch on the function at the phone **during** the call (the PC accepts the connection).

Menu → Setup
→ Fax/data mode
→ Voice/fax rec

End transmission

End transmission with PC software and/or press

Display symbols (selection)

Display indicators

	Strength of incoming signal.
	Charging completed.
	Battery indicator.
	All calls are diverted.
	Ringer off.
	Short ringer (beep) only.
	Ringer only if caller is stored in the Phonebook.
	Alarm is set.
	Key lock active.
	Transmission unencrypted.
	Phone numbers/names:
	On the SIM card.
	In the Phone memory.
	On the SIM card (PIN2 protected).
	No network access.
	Line 1 active (of 2 lines).
	Function active.
	Unknown network function.
	Phonebook.
abc/Abc	Indicates whether upper or lower-case letters are active.
T9	Text input with T9.
	WAP Offline.
	WAP Online.
	WAP No network.



Headset mode.



Additional handset mode.



HomeStation active.



Car Kit active.



Auto talk feature on.

Calendar icons



Memo.



Meeting.



Call.

Soft keys



Message received.



Voice mail received.



Unanswered call.



SIM memory full.



Store in Phonebook.



Retrieve from Phonebook.



SIM services.



Switch headset.



T9 word selection.

If problems occur when using the phone, try to find a solution here first. If the problem persists, check with your service provider or the Siemens Service.

Problem	Possible causes	Possible corrective measures
Phone cannot be switched on.	On/Off key not pressed long enough.	 Press On/Off key for at least two seconds.
	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under: "charging error"	
Standby time too short.	Frequent use of the organiser and games.	Restrict use if necessary.
	Speed search active.	Deactivate speed search (p. 61).
	Display illumination on.	Switch off display illumination (p. 60).
	Unintentional keystroke (illumination!).	Activate key lock (p. 60).
Charging fault (charge icon not displayed).	Battery totally discharged.	1) Plug in charger cable 2) Wait for approx. 5-10 minutes until the charge icon is displayed 3) Charge for 5 hours y us th largr supp

Problem	Possible causes	Possible corrective measures
No connection to network.	Signal weak.	Move higher, to a window or open space.
	Outside GSM range.	Check service provider coverage map.
	SIM card not valid.	Reclaim at the service provider.
	New network not authorised.	Try manual selection or select a different network (p. 63).
	Network barring is set.	Check barrings (p. 63).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 63). Switching the phone on and off may speed this up.
Calls not possible.	2nd line set.	Set line 1  (p. 63).
	New SIM card inserted.	Check for new restrictions.
	Charge limit reached.	Reset limit with PIN 2 (p. 62).
	Credit used up.	Load credit.
Certain uses of the phone not possible.	Call restrictions are set.	Barrings may have been set by your service provider. Check barrings (p. 63).
Entries cannot be made in Phonebook.	Phonebook is full.	Delete entries in Phonebook (p. 20).
Voice mail does not work	Call divert to the mailbox not set.	Set call divert to the mailbox (p. 35).
SMS (text message)  flashes.	SMS memory full.	Delete messages (SMS) to make room (p. 24).
Function cannot be set.	Not supported by your service provider or registration required.	Contact your Service Provider.
Charge counter does not work.	Charge pulse not transmitted.	Contact your Service Provider.

Problem	Possible causes	Possible corrective measures
Message cannot be sent.	Service provider does not support this service.	Check with your Service Provider.
	Phone number of the service centre is not set or is wrong.	Set service centre (p. 29).
	SIM card contract does not support this service.	Contact your Service Provider.
	Service centre overloaded.	Repeat message.
	Addressee does not have a compatible phone.	Check.
PIN error.	Three wrong entries.	Enter the MASTER PIN (PUK) provided with the SIM according to the instructions. If MASTER PIN or PIN are lost, contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (p. 72).
Service provider code error.	No authorisation for this service.	Contact your Service Provider.
Too few/too many menu entries.	Functions may have been added or removed by the service provider via the SIM card.	Check with your Service Provider.
No fax possible.	Incorrect settings in the PC.	Check settings (p. 67).
	No authorisation for the service.	Contact your Service Provider.
Damage		
Severe shock.	Remove battery and SIM and insert them again. Do not dismantle the phone.	
Phone became wet.	Remove battery and SIM card. Dry immediately with cloth, do not heat. Dry connector contacts thoroughly. Stand unit upright in an air current. Do not dismantle the phone.	

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

Further information can be found on the Internet under:

<http://www.my-siemens.com/c45>

Worldwide support by Siemens Partners is only a phone call away or available on the Internet at: <http://www.my-siemens.com>

Abu Dhabi	Siemens Service Center	0 26 42 38 00	Lebanon*	F.A. Kettaneh	01 44 30 43
Australia	Siemens	18 00 62 24 14	Libya	Siemens	02 13 35 02 31
Argentina	Siemens	0 80 08 88 98 78	Lithuania	UAB Skaidula	2 39 77 79
Austria*	Siemens	05 17 07 50 04	Luxembourg	Siemens	43 84 33 99
Bahrain	Siemens	40 42 34	Malaysia	Siemens	03 79 52 51 84
Bangladesh	Siemens	0 17 52 74 47	Malta	Siemens	00 35 32 14 94 06 32
Belgium	Siemens	0 78 15 22 21	Mauritius	Ireland Blyth	2 11 62 13
Brunei	incomm	02 43 08 01	Morocco	Setel S.A.	22 66 92 32
Bulgaria	Omnitel	02 73 94 88	Netherlands*	Siemens	0 90 03 33 31 00
Cambodia	Siemens	12 80 05 00	Norway*	Siemens	22 70 84 00
Canada	Siemens	1 88 87 77 02 11	Oman	Siemens	79 10 12
China	Siemens	0 21 50 31 81 49	Pakistan	Siemens	02 15 66 22 00
Croatia	Siemens	0 16 10 53 81	Philippines	Siemens	28 14 98 88
Czech Republic	Siemens	02 33 03 27 27	Poland	Siemens	08 00 22 09 90
Denmark*	Siemens	35 25 86 00	Portugal*	Siemens	8 00 85 32 04
Dubai*	Siemens	0 43 96 64 33	Qatar	Siemens	04 32 20 10
Egypt	Siemens	0 23 33 41 11	Russia	Siemens	09 57 37 29 51
Estonia	Siemens	6 30 47 35	Saudi Arabia	Siemens	0 22 26 00 43
Finland*	Siemens	09 22 94 37 00	Sharjah	Siemens	0 65 33 66 42
France*	Siemens	01 56 38 42 00	Singapore	Siemens	8 45 48 18
Germany*, **	Siemens	0 18 05 33 32 26	Slovak Republic	Siemens	07 59 68 22 66
Greece	Siemens	0 16 86 43 89	Slovenia	Siemens	0 14 74 63 36
Hong Kong	Siemens	22 58 36 36	South Africa	Siemens	08 60 10 11 57
Hungary	Siemens	06 14 71 24 44	Spain	Siemens	9 02 11 50 61
Iceland	Smith & Norland	5 11 30 00	Sweden*	Siemens	0 87 50 99 11
India	Siemens	01 16 92 39 88	Switzerland	Siemens	0 12 12 00 90
Indonesia	Dian Graha Elektr.	02 14 61 50 81	Taiwan	Siemens	02 25 18 65 04
Ireland*	Siemens	18 50 77 72 77	Thailand	Siemens	0 27 15 51 00
Italy	Siemens	02 66 76 44 00	Tunisia	Siemens	01 86 19 02
Ivory Coast	Siemens	80 00 03 33	Turkey	Simko	0 21 65 71 89 89
Jordan	Siemens	0 64 39 86 42	United Kingdom*	Siemens	0 87 05 33 44 11
Kuwait	NGEEO	2 45 41 78	USA	Siemens	1 87 76 87 16 71
Latvia	Siemens	7 50 11 14	Vietnam	Opticom	45 63 22 44
			Zimbabwe	Siemens	04 36 94 24

** 0,24 DM/Minute

SIEMENS

Original
Accessories

You can buy original Siemens accessories at <http://www.my-siemens.com>; in the countries marked with an asterisk *, you can also call the phone number shown.

Declaration of conformity

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

The declaration of conformity (DoC) concerned has been signed. Please call the company hotline if you require a copy of the original.

The SAR recommendations of ICNIRP are met.

Technical data

GSM class:	4 (2 Watt)
Frequency range:	880 - 960 MHz
GSM class:	1 (1 Watt)
Frequency range:	1.710 - 1.880 MHz
Weight:	105 g
Dimensions:	109 x 46 x 23 mm (82 ccm)
Operating voltage:	3.6 Volt
Operating temperature:	-10 °C to 55 °C
Standby time:	60 h - 200 h
Talk time:	100 min - 300 min
SIM card:	3.0 Volt
SAR:	0.93 W/kg

Maintenance tips

- The SIM card should be treated with the same care as a cheque guarantee card. Do not bend or scratch it or expose it to static electricity.
- Clean the card with a damp cloth or an anti-static wipe without chemical cleaning agents.
- Protect the phone from moisture and shocks. Do not expose your phone to direct sunlight.
- Remove the battery if you are not going to use the phone for extended periods of time (more than one month).

Phone ID

You will need the following details if you 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):

.....
Customer Service number
of the service provider:

Lost phone

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

Basics

NiMH Battery (550mAh)

L36880-N4701-A100

Li-Ion Battery (840mAh)

L36880-N4701-A112

The Li-Ion Battery increases the standby and talk time and weighs significantly less.

Travel Charger

L36880-N4001-A103 (Euro)

L36880-N4001-A104 (UK)

Desk Top Charger

L36880-N4501-A101

Enables simultaneous charging of the phone battery and a spare battery.

Headset PTT

L36880-N4001-A123

Retractable Headset PTT

L36880-N4001-A160

Car Charger

L36880-N4001-A108

Mobile Holder

L36880-N4501-A102

Mobile Holder Antenna

L36880-N4501-A103

Mobile holder for connecting an outdoor antenna. Ideal in combination with the Headset PTT or the Car Kit Portable.

Carry Set

L36880-N4701-A101

Features a belt clip and a clip for fastening the phone to clothes or bags.

Talk&Carry Pack

L36880-N4701-A102

Carry Set and headset for optimum freedom of movement.

Basic Car Pack

L36880-N4501-A107

Allows handsfree talking and simultaneously charges the mobile phone in the car.

CLIPit™ Covers

Exchangeable top and bottom shell.

- Light Steel L36880-N4701-A103
- Hot Magma L36880-N4701-A104
- Cool Sky L36880-N4701-A105
- Fresh Lemon L36880-N4701-A106
- Dry Savanna L36880-N4701-A107
- Shining Pearl L36880-N4701-A108
- Metallic Grass L36880-N4701-A109
- Techno Ocean L36880-N4701-A110

Carrying Cases

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

Data/Applications

Soft Data Link 5.0

L36880-N4501-A115

Data Cable

L36880-N4501-A148

Car Solutions

Car Kit Portable

L36880-N3015-A117

Hands-free kit with integrated loudspeaker and microphone and auto talk feature. Simply plug into the cigarette lighter socket. Ideal for mobility between vehicles.

Car Kit Comfort

L36880-N4501-A104

Hands-free kit with first-class digital call quality and operating convenience. Includes all the components required for installation. The individual antenna solution can be obtained from your specialist dealer.

Car Kit GPServicePilot

L36880-N4501-A116 (Germany/Austria)

Car Kit Professional Voice II

L36880-N4501-A108 (German)

L36880-N4501-A109 (English)

L36880-N4501-A110 (French)

Hands-free kit with voice recognition, capacity for more than 100 names. Electronics box with connection for fax and e-mail transmission via your notebook. Includes all the components required for installation. The individual antenna solution can be obtained from your specialist dealer.

Car Kit Upgrade

L36880-N4501-A106

Cradle for upgrading your hands-free kit for the C25/28/35, M35, S25/35, SL45 models.

Optional Car Kit accessories

- Car Handset L36880-N3015-A123
- VDA Adapter Cable L36880-N4001-A121
- Data Cable Professional L36880-N3101-A112

Innovations

MP3-Player USB

L36880-N4501-A114

Stereo headset for handsfree talking and superior sound quality when playing MP3 audio files. The 32 MB Multimedia Card records 30 minutes of music in premium quality. The package includes the software for downloading and the USB connecting cables.

HomeStation

L36880-N4501-A118 (Germany)

L36880-N4501-A120 (Italy)

L36880-N4501-A122 (Spain)

L36880-N4501-A124 (France)

L36880-N4501-A126 (Great Britain)

L36880-N4501-A128 (Denmark)

L36880-N4501-A130 (Norway/Finland)

Connects the mobile phone to the fixed network, enabling automatic transfer of GSM calls to a phone. GSM calls are diverted to the fixed network PABX without additional charges and can be handled from there.

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

SIEMENS

Original
Accessories

Original Siemens accessories

[http://www.siemens.com/
mobilestore](http://www.siemens.com/mobilestore)

THIS MODEL PHONE MEETS THE EU REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your mobile phone C45 is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radiofrequency (RF) energy recommended by The Council of the European Union. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit recommended by The Council of the European Union is 2.0 W/kg.* Tests for SAR have been 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 level 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 antenna, the lower the power output.

Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person. The highest SAR value for this model phone C45 when tested for compliance against the standard was 0.93 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirements for RF exposure.

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

THIS MODEL PHONE MEETS REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your mobile phone C45 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.

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lower the power output of the phone.

The highest SAR value for this model phone C45 when tested for use at the ear is 0.93 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.

* 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 for 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

<http://www.my-siemens.com>

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