

S

euroset
825



Feature telephone
with

Phone book
for 100 entries

Hands-free facility

Call duration indicator

Display

Operating Instructions

euroset 825

Display call duration (page 39)

Do you want to see the overall view without the unit pulses? The call duration display shows you the current and total duration of the call.

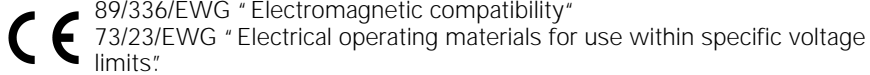
Mute key (page 38)

By pressing a key, you can have a conversation with somebody in the room with you, while the other caller is kept on hold, listening to music.

Operating in telephone systems (page 53)

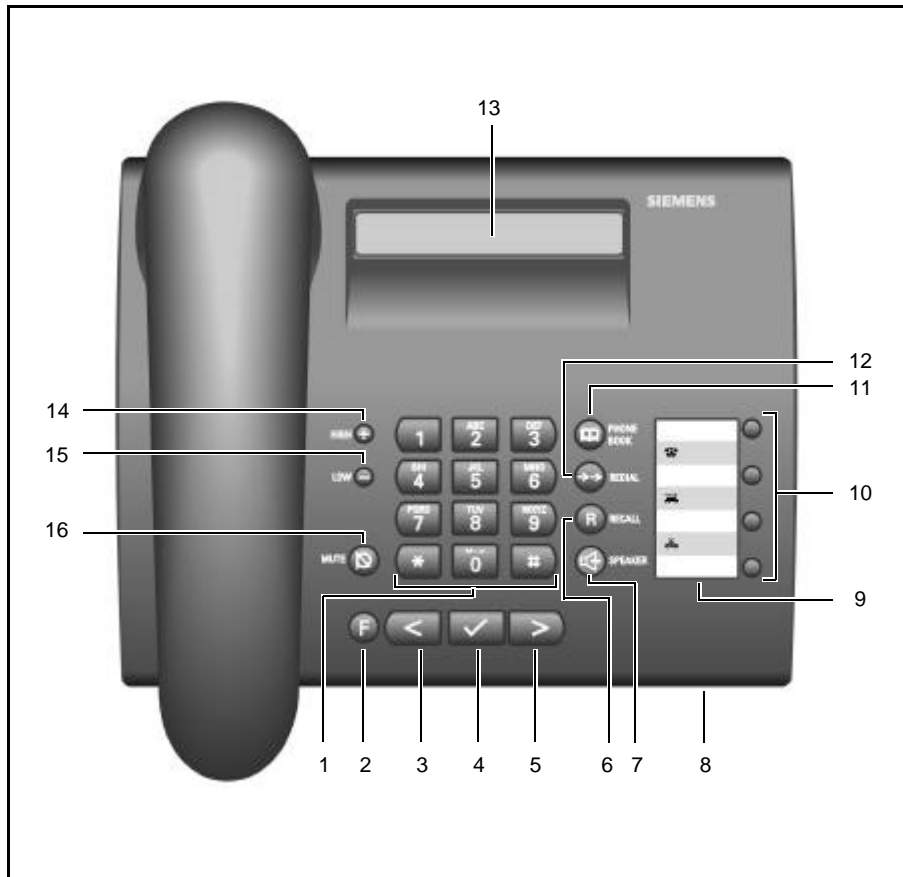
You can program up to three exchange codes of one to three digits and one main PBX code of one to three digits. This makes it possible to operate the telephone on PBXs without problem.

This telephone complies with EU guidelines:



Conformity of the equipment with the above guidelines is attested by the CE mark.

Layout



Controls

- | | |
|------------------------------|--------------------------------|
| 1 Pushbutton set | 9 Labeling card |
| 2 Menu key | 10 Repertory keys |
| 3 Backspace key (left arrow) | 11 Phone book key (Phone Book) |
| 4 OK key (confirmation) | 12 Redial key (REDIAL) |
| 5 Forward key (right arrow) | 13 Display |
| 6 Signal key (RECALL) | 14 HIGH key "loud" |
| 7 Speaker key (SPEAKER) | 15 LOW key "quiet" |
| 8 Microphone | 16 MUTE key |

euroset 825

Your new euroset 825 makes telephoning particularly easy. It has a two-line display, with menu instructions to take you through all the operating procedures. It has a wide range of functions, including phone book, call duration display, locking, and limited access authorization.

Features

Phone book (page 21)

In the electronic phone book, you can store and manage up to 100 numbers and names. A search function enables you to find the number you want quickly.

Last number redial (page 31)

If, for example, the number you have called is busy or if nobody answers, you can have any of the last 5 numbers you dialed redialed automatically by the euroset 825.

Repertory keys (page 27)

Repertory keys enable you to store 4 regularly used numbers and then dial them direct by simply pressing the relevant key.

Signaling (page 17)

An incoming call is signaled acoustically (tone ringer) and optically (flashing of the speaker key). Set the tone ringer to the level you want, and choose the volume, pitch, and melody.

Hands-free/open listening (page 35)

You can use the integrated microphone and loudspeaker to conduct calls without the handset (hands-free talking) and keep your hands free.

If you wish to allow someone in the room to listen to the call (open listening) you are conducting with the handset, simply press the speaker key.

PIN (Personal Identification Number) (page 15)

Your four-digit PIN enables you to ensure that unauthorized persons cannot interfere with important settings or functions.

Locking functions (page 40)

You alone decide who can dial which numbers. You can bar international or long-distance calls (call barring), or you can lock the telephone (phone lock). In spite of the lock, however, it is still possible to dial emergency numbers and one stored phone number (hotline). These functions can be used with your PIN.

Hotline (page 50)

You can set your telephone to enable anyone to make a hotline call with ease. For instance, even if your child is unable to dial, it can still contact you at friends or on your mobile telephone by using this hotline call function (Baby Call).

List of contents

Introductions**Layout****Putting into operation**

Safety note	3
Recommendations for installation	3
Contents of the package	4
Connecting the telephone	5
Removing and replacing the labeling card	6

The menus

Using the menus	7
Display	8
Menu structure	9
Calling menu items	11
Display during the operating sequences	12
Entering numbers and letters	13

Basic settings

Setting the PIN (Personal Identification Number)	15
Changing the PIN	15
Forgotten the PIN?	16
Setting the dialing mode	17
Setting the tone ringer	17
Setting the tone ringer volume/ switching off the tone ringer	18
Setting the tone ringer pitch	19
Setting the tone ringer melody	20

Phone book

Making a new entry	21
Adding numbers to the phone book	22
Changing an entry	23
Deleting an entry	25
Deleting the phone book	26

Repertory keys

Storing phone numbers under repertory keys	27
Deleting a repertory key	28

Dialing

Dialing with the pushbutton set	30
On-hook dialing	30
Last number redial	31
Dialing with the repertory keys	31
Dialing a number from the phone book	32

List of contents

Using the telephone

Changing the dialing mode temporarily	33
Setting the handset volume	34
Using the telephone with and without the handset	35
Activating/deactivating hands-free talking	35
Open listening	36
Setting the speaker volume	37
Switching the microphone on/off (mute function)	38

Displaying call duration

Activating / deactivating call duration display	39
---	----

Locking the telephone

Activating / deactivating phone lock	40
Emergency numbers	41
Storing emergency numbers	41
Changing emergency numbers	42
Deleting emergency numbers	43
Call barring	44
Storing call barring numbers	44
Activating / deactivating call barring	45
Deleting call barring numbers	46
Changing call barring numbers	48
Locking / unlocking the phone book	49
Locking / unlocking the repertory keys	49

Hotline function

Storing / changing the hotline number	50
Activating / deactivating the hotline function	51
Using the hotline function	52
Deleting the hotline number	52

Operating in a telephone system

Storing an exchange code	53
Changing an exchange code	54
Deleting an exchange code	55
Storing the main PBX code	56
Deleting the main PBX code	57
Deleting all exchange / main PBX codes	58
Setting flash times	59

Important notes for users

If your telephone fails to work properly	60
--	----

Technical information

Configuration of the telephone socket	61
---	----

Index	62
--------------------	-----------

Putting into operation

Safety note

For your own safety and protection, do *not* use the telephone in a bathroom or damp environment. It is not splashproof.

Recommendations for installation

You are advised to stand the telephone on a non-slip surface. Many different types of varnish and polish are used on furniture, and there is no guarantee that they will not be marked by some parts of the telephone, such as the rubber feet.

To ensure good results when using the hands-free facility, place the telephone on a smooth surface, and keep the area in front of the microphone (front right) clear.

You should make sure that the telephone is at least one meter away from any radio equipment, such as radio telephones, radio pagers, or television sets, otherwise its performance may be impaired.

Avoid placing the telephone in direct sunlight or other sources of heat, since these can damage the electronic parts and discolor the plastic housing.

Do not install the telephone in a room where there is a lot of dust, since this could shorten its useful life.

Do not use abrasive cleaning agents, but simply wipe the telephone with a damp or antistatic cloth. Never use a dry one, since this can cause electrostatic charges and discharges.

The telephone can be operated at temperatures between +5 °C and +55 °C.

If you hand over your telephone to someone else, please be sure to include the operating instructions with it.

Putting into operations

Connecting the telephone

A few simple steps are all that is required to make you telephone ready to use:

1. Spiral handset cord

Long straight end of the cord: Push the connector into the **smaller** socket on the underneath of the telephone (see diagram) until you **hear it engage**. Feed the handset cord into the cable guide provided.

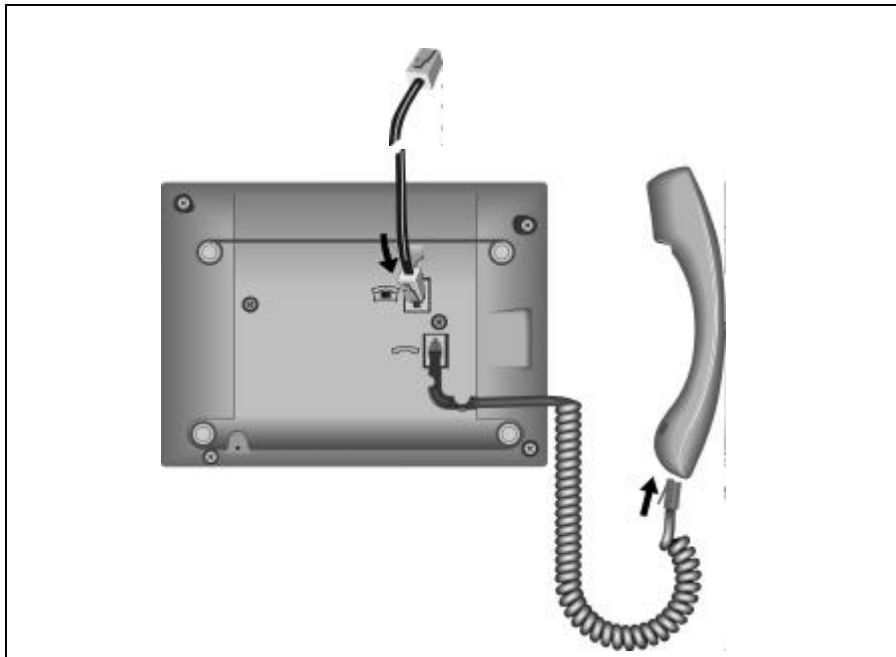
Attach the **other end** to the **handset**.

2. Connecting cord

Push the connector into the larger socket  on the underneath of the telephone (see diagram) until you **hear it engage**. Feed the cord into the cable guide.

Insert the other connector into your telephone wall socket.

Your euroset 825 is now ready for use.

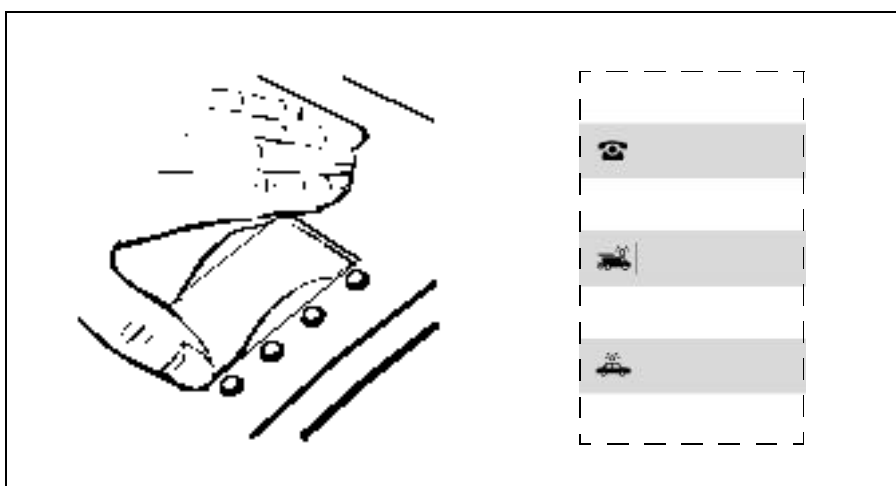


Putting into operation

Removing and replacing the labeling card

Your telephone has a card on which you can enter the names relating to the telephone numbers you have stored. The diagram shows how to remove and replace this card and its transparent cover.

You will find additional cards on the last page of these instructions. Simply cut them out when you need them.



The menu

Using the menu

Your telephone has a menu-controlled user interface.

The individual menu items are shown in the display. When you select and confirm a menu item, either the function you have called will be activated, or further information or operating instructions will be displayed.

The following keys are used to control the menus:



Menu key

Use this key to open the phone menu. You can also use it to cancel any menu item you may happen to be processing. If you do so, you will move to the next higher level of the menu hierarchy. However, any changes you have made prior to this will be rejected and will **not** be stored.

```
Phone menu:  
Phone book?
```



OK key (confirmation)

Use this key to confirm and activate a menu selection or to store inputs. Unless you confirm inputs with this key, they will not be stored.

```
MILLER  
Name complete?
```

When using the phone book, you can dial the number you want by simply confirming the name under which it is stored.



Forward key (right arrow)

You can use this key to page forward within a menu level or a list (e.g. phone book).



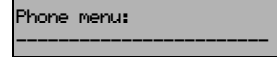
Backspace key (left arrow)

You can use this key to page back within a menu level or list (e.g. phone book). When entering numbers or letters (e.g. for phone numbers and names in the phone book), you can use this key to delete the last digit or letter entered.

The menus

Dashes in the display

If dashes appear on the second line of the display when you are paging through the menu items, this means that you have reached the end of the menu selection. If you then press the OK key, you will move to the next higher level in the menu hierarchy.


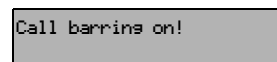
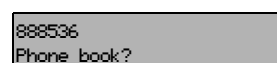

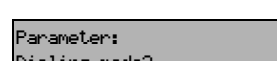
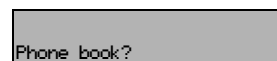


Phone menu:

Display

Your telephone has a two-line alphanumeric display, with each line consisting of 24 places.

The display on **line 1** varies in accordance with the operating status of the telephone:

Idle display	Display clear.	
Status information	e.g. Call barring on.	
Task information	e.g. showing the number just selected.	
Control information	e.g. Enter PIN	
Explanation	e.g. showing the menu called.	
Display on line 2 :		
Control information (menu items)	e.g. Phone book?	

Note:

Status messages are always displayed on the first line.

The menus

Menu structure

Once you have lifted the handset or pressed the speaker key, you will be shown the functions that you will normally need in addition to the function keys available (e.g. microphone off or redial).

or  Lift the handset.

or




Press the speaker key.
The euroset 825 menu
appears in the display.

Phone book?

Phone book?

The "Phone book" menu
item is an alternative way of
accessing the phone book.



You normally call the phone
book by pressing the phone
book key .




Tone dialing (DTMF) on?

or

Tone dialing (DTMF) off?



In this menu, you can use
"Tone dialing (DTMF) on"
or
"Tone dialing (DTMF) off" to
change temporarily from dial
pulsing to tone dialing while
you are making a call.




If you want to make settings
(e.g. to set up a charge
account), you must press
menu key .

The phone menu appears in
the display.

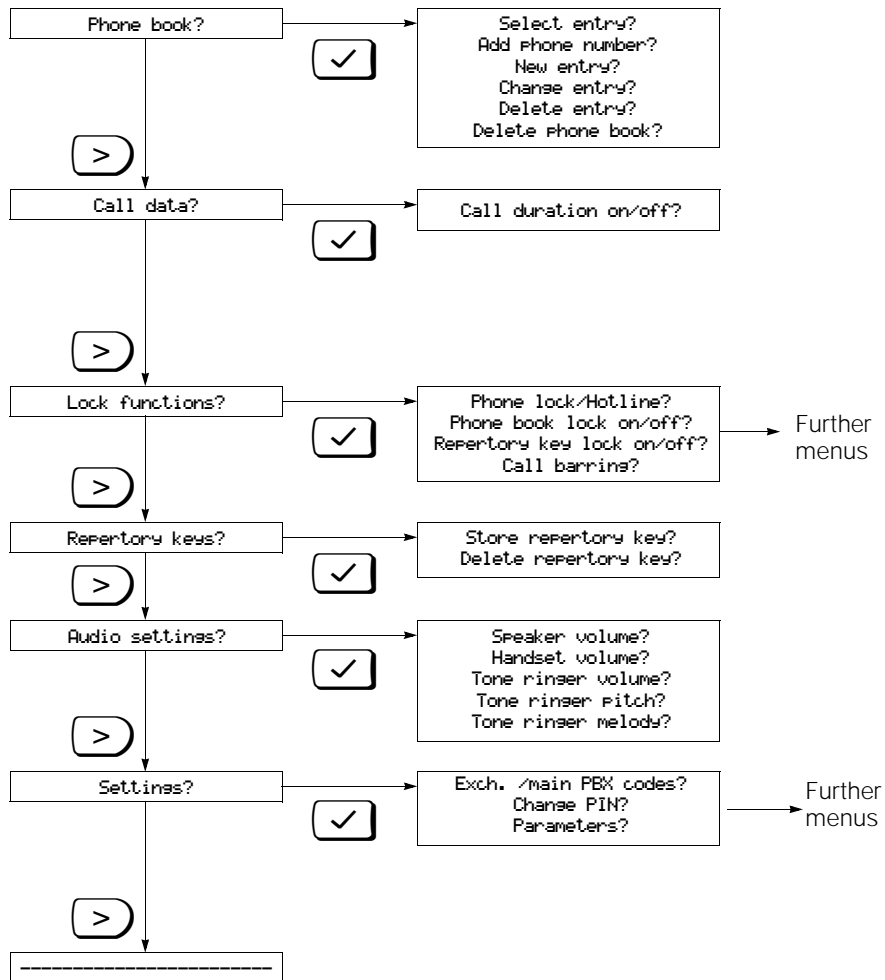
Phone menu:
Phone book?

From this menu, you can call the menu items of the top menu level by paging forward with  or back with .

When you confirm a menu item with the OK key , you move to the second menu level assigned to this menu item. Sub-menus can be assigned to the menu items of the second menu level as well, and you can call these in the way already described.

The menus

The menu structure of the first two layers (hierarchies) is shown below:



Note:

Some menu items can only be selected if you enter a four-digit PIN (**P**ersonal **I**dentification **N**umber).

In the following sections, the meanings of the individual menu items will be explained in relation to their use.

The menu

Calling menu items

The examples below illustrate the general sequence for calling a menu item:

Example: Suppose you want to change the volume of the tone ringer.



Lift the handset.
*You will see the basic menu,
requesting you to dial.*

```
Phone book?
```



Press the F key.
*You will see the phone
menu, from which you can
select the menu items.*

```
Phone menu:  
Phone book?
```



Keep pressing the forward
key until the menu item
"Audio settings" is displayed
.
*In this case, you have to
press it four times.*

```
Phone book:  
Audio settings?
```



Press the OK key to confirm
the menu item.
*The first item of the audio
settings menu appears,
namely "Speaker volume".
However, you want to
change the volume of the
tone ringer.*

```
Audio settings:  
Speaker volume?
```



Keep pressing the forward
key until the menu item
"Tone ringer volume" is dis-
played.,
*In this case, you have to
press it twice.*

```
Audio settings:  
Tone ringer volume?
```



Press the OK key.
*The tone ringer volume that
has been set is displayed
(each volume level being
represented by two boxes).*

```
Tone ringer volume:  
■■■■■■■■
```

The menu



Use the number keys "1" to "7" to set the volume.

Tone ringer volume:
■■■■■■■■



The new volume is stored.

Entry stored!

Display during the operating sequences

The recurring sequence of actions used to call and activate a menu item is shown in simplified form in the working sequences of these operating instructions.

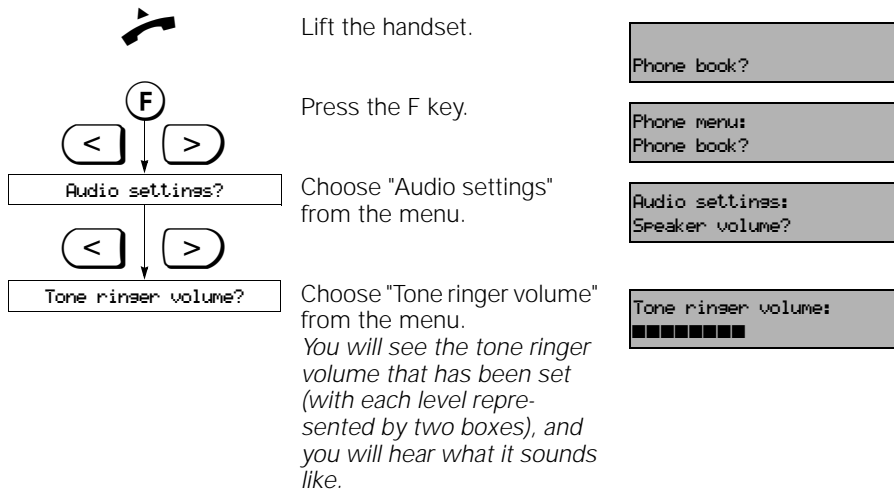
The action of "**choosing**" comprises the following steps:

- selecting the menu item with either the forward (>) or backward (<) key,
- and confirming this selection by pressing the OK key (✓)

The intermediate displays are not shown.

Example:

Suppose you want to set the tone ringer volume.






The menu

Entering numbers and letters

The following section shows you how to enter numbers and letters in the various menus. This is particularly important for making entries in the phone book.

Entering numbers:

 ,  to  You enter numbers by pressing the appropriate key on the dialing pad.


Entering letters:

You can use the dialing pad (number keys) as an alphanumeric pad to enter names in the phone book. You can only do this, however, when you are in the "Phone book" menu.

The various letters are printed on the keys, as shown:



The "0" key can be used to enter:
a space, a point ".", and a hyphen "-".

You can also use the special characters "asterisk"  and "rhombus" .


To enter numbers into a text (e.g. MILLER 3) you have to press key  four times.

To enter letters or special characters, proceed as follows:

- Press the appropriate key repeatedly at 1.0 second intervals until the letter you want appears in the display. Each time you press the key, the cursor flashes once at the insertion point.
- Once the required letter is displayed, wait until the cursor has jumped to the next insertion point.
- Then enter the next letter.
- To leave a space, press the "0" key once.

Deleting entries:

If you make a mistake, you can delete it by pressing the backspace key.

 Each time you press the key, the last letter or number is deleted.

The menus

Example:

Let us assume you want to enter the name "Miller ". Proceed as follows:

You are in the phone book menu, and have entered and confirmed the number of the subscriber. In the display, you will now be asked to enter the name.

■ Name?

MNO
6

Press key "6" once, so that "M" appears in the display.

M■ Name complete?

GHI
4

Press key "4" three times, so that "I" appears in the display.

MII■ Name complete?

JKL
5

Press key "5" three times, so that "L" appears in the display.

MIL■ Name complete?

JKL
5

Press key "5" three times, so that "L" appears in the display.

MILL■ Name complete?

DEF
3

Press key "3" twice, so that "E" appears in the display.

MILLE■ Name complete?

QRS
7

Press key "7" three times, so that "R" appears in the display.

MILLER■ Name complete?

The full name of the subscriber will now appear in the display.

✓

Press the OK key to store the name in the phone book.

Entry stored!

Basic settings


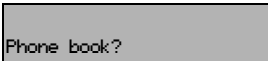

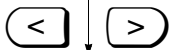
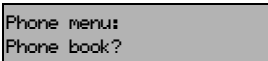
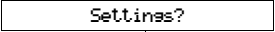
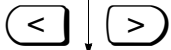

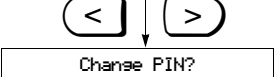



Setting the PIN (Personal Identification Number)

Certain functions of the euroset 825 can only be accessed with a four-digit PIN. This prevents them from being used by unauthorized persons. When your telephone is delivered, the PIN is always **0000**.

Note:

To prevent unauthorized persons from using your telephone, we recommend that you change the PIN as soon as you have put it into service.

Changing the PIN

	Lift the handset.	
 	Press the F key.	
 ↓ 	Choose "Settings" from the menu. <i>You will be asked to enter the old PIN e.g. enter "0" four times. Your entries are not displayed. (Instead, you see: ****.)</i>	
	Choose "Change PIN" from the menu. <i>You will be asked to enter the PIN:</i>	
	Enter the new PIN. <i>You will be asked to enter it again.</i>	

continued 

Basic settings



Enter the new PIN a second time.

If you enter a wrong PIN number, you will see the message:

PIN incorrect!



If this happens, you will have to start the procedure again by entering the new PIN for, as it were, the first time.

If the second entry is correct, you will see the message: "PIN stored".

PIN stored!

Your new personal PIN is now stored.

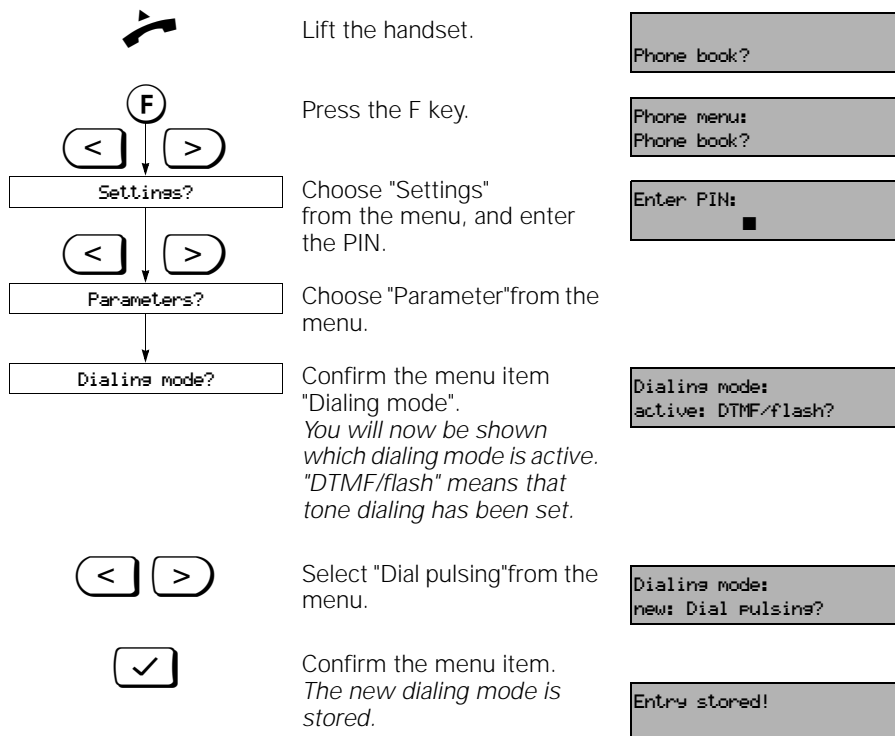
Forgotten the PIN?

If you happen to have forgotten the PIN, contact your supplier.

Basic settings

Setting the dialing mode

When you first receive your telephone, it will have been set to tone dialing (DTMF). If your exchange happens to be using the old dialing pulse method, you will have to make the appropriate changes. To do this, proceed as follows:




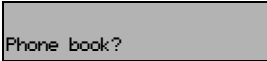
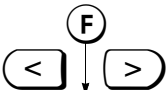
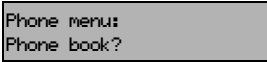
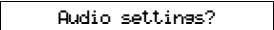
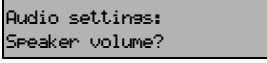
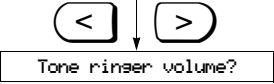
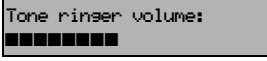


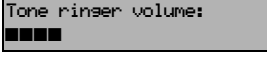
Setting the tone ringer

You can set the tone ringer volume, pitch, and melody separately. The volume can be set to 7 different levels, the pitch (tone sequence frequency) to 4, and the melody to 10.

Basic settings

Setting the tone ringer volume/ switching off the tone ringer

The tone ringer volume can be set to 7 levels different levels.

	Lift the handset.	
	Press the F key.	
	Choose "Audio settings" from the menu.	
	Then choose "Tone ringer volume". <i>The tone ringer volume will be displayed (with each volume level represented by two boxes), and you will hear what it sounds like.</i>	
	Use the number keys "1" to "7" to set the volume:	
	E.g. press the 2 key. <i>The setting you have chosen will be shown in the display, and you will hear what it sounds like. If you enter "0", the tone ringer will be switched off.</i>	

Note:

You can also use the ⊕ ⊖ keys to set the volume. Each time you press one of them, the volume is increased or decreased by one level.



Confirm the menu item.
The new volume is stored.

Entry stored!


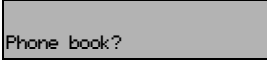
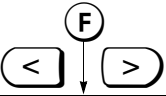
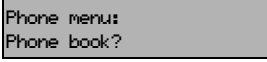

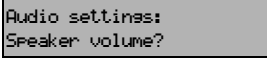
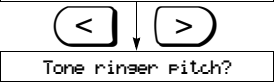


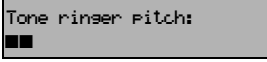

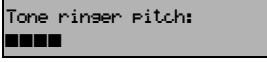
Note:

You can also use the ⊕ ⊖ keys to set the volume while the telephone is actually ringing.

Basic settings

Setting the tone ringer pitch

The tone ringer pitch can be set to 4 different levels.

	Lift the handset.	
	Press the F key.	
	Choose "Audio settings" from the menu.	
	Then choose "Tone ringer pitch". <i>You will see the tone ringer pitch that has been set (with each level being represented by 2 boxes), and you will hear what it sounds like.</i>	
	Set the pitch by using the keys "0" to "3":	
	E.g. press key 1. <i>The setting you have chosen will be shown in the display, and you will hear what it sounds like.</i>	

Note:

You can also set the pitch by using the ⊕ ⊖ keys. Each time you press one of them, it raises or lowers the basic setting by one level.



Confirm the menu item.
The new pitch is stored.

Entry stored!







Note:

Level "0" represents the first possible setting, and level "3" the fourth.

Basic settings

Setting the tone ringer melody

The tone ringer melody can be set to 10 different levels.

	Lift the handset or press the speaker key.	Phone book?
	Press the F key.	Phone menu: Phone book?
 Audio settings?	Choose "Audio settings" from the menu.	Audio settings: Speaker volume?
 Tone ringer melody?	Then choose "Tone ringer melody". <i>You will see the level that has been set (each one being represented by 2 boxes), and you will hear what it sounds like.</i>	Tone ringer melody: ■■■■■■■■
	Use keys "0" to "9" to set the melody.	Tone ringer melody: ■■■■■■■■■■■■■■■■
	E.g. press key 3. <i>The setting you have chosen will be shown in the display, and you will hear what it sounds like.</i>	Tone ringer melody: ■■■■■■■■

Note:

You can also use the ⊕ ⊖ keys to set the melody. Each time you press one of them, it raises or lowers the basic setting by one level.



Confirm the menu item.
The new melody is stored.

Entry stored!

Note:


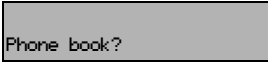

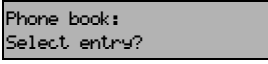
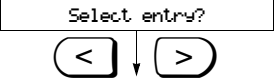



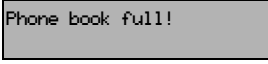

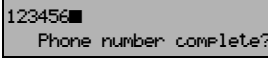



Level "0" represents the first possible setting for the melody, and level "9" the tenth.

Phone book

Your telephone has an electronic phone book that can hold up to 100 entries. An entry consists of a phone number (max. 22 digits) and a name (max. 21 characters). The phone book is easy to use, because all the instructions you have to follow appear in the display. You can prevent improper alterations to the data by ensuring that only persons who know the PIN are authorized to change, enter, or delete it (see the section "Locking the telephone" on page 49). Before using the "Phone book" menu, please read the section "The menus" (page 13), where you will find a description of how to enter numbers and letters. The "Dialing" section tells you how to find and dial subscribers stored in the phone book.

Making a new entry

If you have activated phone book lock, you will have to enter the PIN before you can use this function.

	Lift the handset.	
	Confirm the menu item "Phone book".	
	Choose "New entry" from the menu, and, if necessary, enter the PIN.	
	<i>A message appears in the display asking you to enter the phone number or your PIN. If the phone book is full, a message to this effect will be displayed, and you will be unable to make any further entries.</i>	
		
	Enter the phone number (max. 22 digits). <i>You can use the backspace key to delete the last character entered.</i>	
	Confirm the number you have entered. <i>In the display, you will now be asked to enter the name.</i>	
		

Phone book



Enter the name of the subscriber (max. 21 characters). You can use the backspace key to delete the last character entered.

ADAMS ■
Name complete?



Confirm the name you have entered.

Entry stored!

Note:

The names you enter are automatically arranged in alphabetical order in the phone book. The "The menus" section describes how to enter special characters.

Adding numbers to the phone book

You can, if you wish, add the last number you dialed to the phone book. You can do this either while you are making the call, or after you have finished.

If you have activated phone book lock, however, you can only make use of this function after you have entered the PIN.



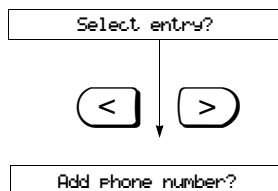
Suppose you are telephoning someone, and wish to store his or her number in the phone book.

123456
Phone book?



Confirm the menu item "Phone book".

Phone book:
Select entry?



Choose "Add phone number" from the menu, and, if necessary, enter the PIN. In the display, either you will see the last number you dialed, or you will be asked to enter your PIN. If the phone book is full, a message to this effect will appear in the display, and you will be unable to make any further entries.

123456 ■
Phone number?

Enter PIN: ■

Phone book full!

continued



Phone book



Confirm the number displayed..

123456 ■
Phone number?

In the display, you will see a message asking you to enter the name.

■
Name?



Enter the subscriber's name (max. 21 characters).
You can use the backspace key to delete the last character entered.

ADAMS ■
Name complete?



Confirm the name.

Entry stored!

Note:

The name automatically appears in its alphabetical order in the phone book. The "The menus" section tells you how to enter special characters.

Changing an entry

You can change entries that are already in the phone book.

If you have activated phone book lock, however, you can only make use of this function after you have entered the PIN.



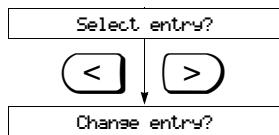
Lift the handset.

Phone book?



Confirm the menu item "Phone book".

Phone book:
Select entry?

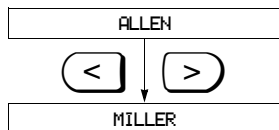


Choose "Change entry" from the menu, and, if necessary, enter the PIN.

Change entry: ■
ALLEN

In the display, you will see either the first alphabetical entry, e.g. "Allen", or a message asking you to enter the PIN.

Enter PIN:
■



Select the phone number you want to change.
It appears in the display.

Change entry: ■
MILLER

123456 ■
Phone number complete?

continued



Phone book



If necessary, press the backspace key several times.
Each time you press it, the last digit entered is deleted.

123
Phone number complete?



Enter the new sequence of numbers.

123000
Phone number complete?



Confirm this new number.
The name of the subscriber appears in the display.

ADAMS
Name complete?



To change the name, press the backspace key as many times as is necessary.
Each time you press it, the last character is deleted.

Name complete?



Enter the new name.

MILLER
Name complete?



Confirm it.

Entry stored!

Note:


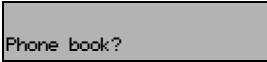

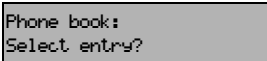
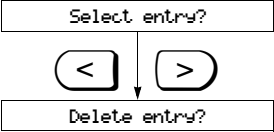
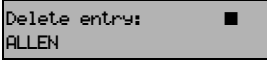


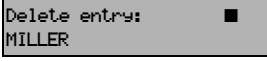

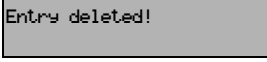
You can also select the entry in the phone book by entering the initial letter of the name you want to change (search function). See also the section "Dialing a number from the phone book" (page 32).
Once you have selected the entry you want to change, you can toggle between displaying the name or the phone number by pressing the forward key.

Phone book

Deleting an entry

You can delete individual entries in the phone book.

If you have activated phone book lock, however, you can only make use of this function after you have entered the PIN.

	Lift the handset.	
	Confirm the menu item "Phone book".	
	Choose "Delete entry" from the menu, and, if necessary, enter the PIN. <i>In the display, you will see either the first alphabetical entry, e.g. "Allen", or a message requesting you to enter the PIN.</i>	 
	From the menu, select the entry you want to delete, e.g. "Miller".	
	Confirm your selection. <i>The entry in the phone book is deleted.</i>	

Note:

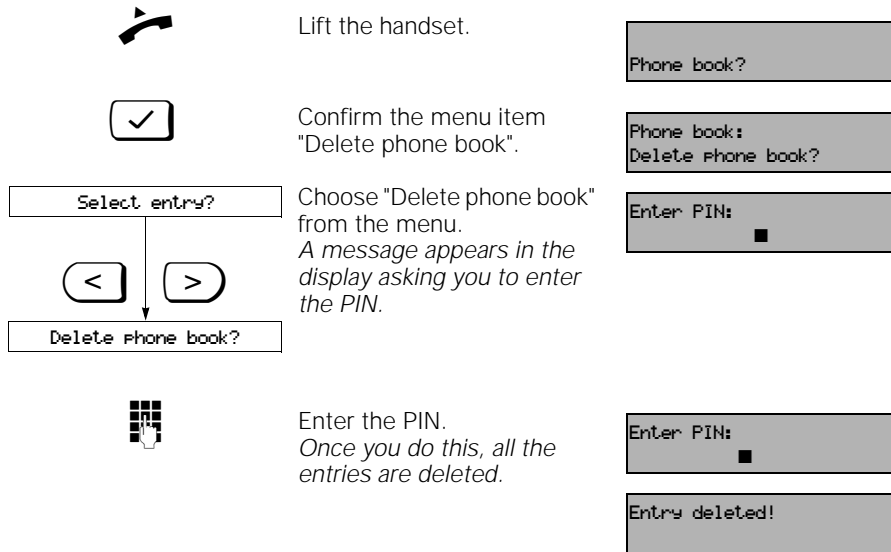
You can also select the entry in the phone book by entering the initial letter of the name you want to delete (search function). See also the section "Dialing a number from the phone book" (page 32).

Phone book

Deleting the phone book

You can also delete the entire phone book, together with the stored data.

With this function, all the entries in the phone book are deleted. You should therefore only use the "Delete phone book" menu if you are sure that you want to delete all the entries. You must first enter the PIN.




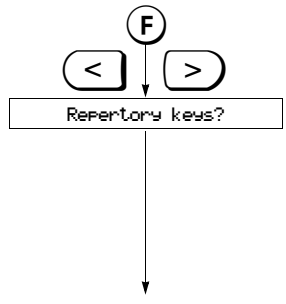



Repertory keys

Your telephone has 4 repertory key that you can use to store important phone numbers. You can then dial these by simply pressing the relevant key (see the section "Dialing with the repertory keys" page 31).

You can also prevent the repertory key numbers from being changed by unauthorized persons (see the section "Switching the repertory key lock on/off" page 49).

Storing phone numbers under repertory keys

If you have activated the repertory key lock, you will only be able to use the function after you have entered the PIN.

 	<p>Lift the handset.</p> <p>Press the F key.</p> <p>Choose "Repertory keys" from the menu, and, if necessary, enter the PIN. <i>In the display, you will see either the menu item "Store repertory key" or a message requesting you to enter the PIN.</i></p>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Phone book?</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Phone menu: Phone book?</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Phone menu: Repertory keys?</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Enter PIN: ■</div>
<div style="border: 1px solid black; padding: 2px; width: fit-content;">Store repertory key?</div>	<p>Confirm the menu item "Store repertory key". <i>In the display, you will see a message requesting you to press the repertory key required.</i></p>	<div style="border: 1px solid black; padding: 2px; width: fit-content;">Press repertory key!</div>
 Smith	<p>Press a free repertory key. <i>In the display, you will see a message requesting you to enter a phone number.</i></p>	<div style="border: 1px solid black; padding: 2px; width: fit-content;">■ Phone number?</div>
	<p>Enter the phone number (e.g. 123456). <i>You can use the backspace key to delete the last character entered.</i></p>	<div style="border: 1px solid black; padding: 2px; width: fit-content;">123456 ■ Phone number complete?</div>
<div style="border: 1px solid black; padding: 2px; display: inline-block;">continued </div>		

Repertory keys



Confirm the phone number.
It is now stored under the repertory key
In the display, you will again see the menu item "Store repertory key". You can, if you wish, store numbers under other repertory keys.

Entry stored!

Note:

If the repertory key you have selected already has a number stored under it, this number will be displayed. You will first of all have to delete it, either by using the back-space key (<) or with the "Delete repertory key" function. Make a note of the subscriber's name on the card provided (see the section "Putting into operation").

Deleting a repertory key

If you have activated the repertory key lock, you will only be able to use this function after you have entered the PIN.

	Lift the handset.	<p>Phone book?</p>
	Press the F key.	<p>Phone menu: Phone book?</p>
<p>Repertory keys?</p>	Choose "Repertory keys" from the menu, and, if necessary, enter the PIN. <i>In the display, you will see either the menu item "Store repertory key" or a message requesting you to enter the PIN.</i>	<p>Phone menu: Repertory keys?</p>
		<p>Enter PIN: ■</p>
<p>Delete repertory key?</p>	Choose "Delete repertory key" from the menu. <i>In the display, you will see a message requesting you to press the repertory key required.</i>	<p>Repertory keys: Delete repertory key?</p>
<p>○ Smith</p>	Press the repertory key. <i>In the display, you will see the phone number that is stored under it.</i>	<p>Press repertory key!</p>
		<p>Delete repertory key? 123456</p>
		<p>continued </p>

Repertory keys



Confirm the phone number.
It is deleted, and the repertory key is now free.
In the display, you will again see the menu item "Delete repertory key?". You can proceed to delete numbers stored under other keys.

Entry deleted!

Dialing

Dialing with the pushbutton set



Lift the handset or press the speaker key.

Phone book?



Dial the number you want, e.g. 345123.


345123
Phone book?



Now make your call, and replace the handset when you have finished.

Note:

Although the display is only capable of showing a maximum of 24 digits, you can dial a number of any length.

While dialing, you can insert pauses (P) of 3 seconds by pressing the redial key  (not, however, in the first position), e.g. 069P345678. Any pauses are then included in the redial process. (This is useful, for instance, when making international calls.)

069P345678
Phone book?

On-hook dialing



Press the speaker key until the display lights up.

Phone book?



Dial the number.
Hands-free talking is activated (page 35).

345123
Phone book?



Now make your call, and press the speaker key again when you have finished.

Dialing

Last number redial

The last number redial function allows you to automatically redial the last five numbers you called.



Lift the handset or press the speaker key.

Phone book?



Press the redial key.
The last number dialed is shown in the display and is dialed again automatically.

Redial:
No. 1: 4677221?



If necessary, search for the wanted number.

Redial:
No. 3: 6618139?



Confirm the number selected.
The phone number you have chosen appears in the display and is automatically dialed.

6618139
Phone book?

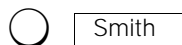
Dialing with the repertory keys

Your telephone has 4 repertory keys that you can use to dial subscribers direct. The "Repertory key" section on page 27 describes how to store and change phone numbers under these keys.



Lift the handset or press the speaker key.

Phone book?



Press the relevant repertory key.
The stored number appears in the display, and is automatically dialed.

345123
Phone book?

Note:

Label the repertory keys by using the card supplied. See the section "Putting into operation" on page 6.

Dialing

Dialing a number from the phone book

Your telephone has an electronic phone book in which you can store up to 100 entries consisting of phone numbers (max. 22 digits) and names (max. 21 characters). You can select these numbers in the "Phone book" menu.

The "Phone book" section on page 21 describes how to store and manage numbers in the phone book.



Lift the handset or press the speaker key.

Phone book?



Press the phone book key. The first entry in the alphabet, „Allen“ for instance, appears in the display.

Select entry: ■
ALLEN?

Searching for the wanted entry:



Enter up to three letters from the beginning of the entry you are searching for., „M“ und „l“ for example.

The first name in the alphabet starting with the letters you have entered appears in the display; continue searching with (>) if necessary. The next entry will then be displayed.

Select entry: MI■
MILLER?

Checking the number that belongs to the selected entry:



Press the phone book key. The phone number is displayed.

Select entry: MI■
345123?

If you now press the phone book key (Ⓜ) once more, the name will be displayed again. You can change from one display to another as often as you wish by pressing the phone book key (Ⓜ) several times..



Confirm the subscriber you have selected. The selected subscriber's number appears in the display and is dialed automatically.

345123
Phone book?

Note:

You can also call the phone book after choosing „Phone book“ and „Select entry“ into the menu (press the OK key (✓) twice).

Using the telephone

Changing the dialing mode temporarily

If you want to use your telephone to transmit data, such as to control an answering machine remotely, it has to be set to tone dialing. If it has been set to dial pulsing, you will have to switch temporarily to tone dialing while a call is going on.



Let us assume you are in the middle of a telephone call and want to change the dialing mode. The phone number is shown in the display.

123456
Phone book?



Press the forward key. In the display, you will see "Tone dialing (DTMF) on?"

123456
Tone dialing (DTMF) on?



Confirm this. The dialing mode is now switched over. After 1 second, you will see "Tone dialing (DTMF) off?" in the display.

Tone dialing (DTMF) on!

Tone dialing (DTMF) off?



Enter the relevant numbers for the services (e.g. 1234).

1234
Tone dialing (DTMF) off?



To switch back to dial pulsing, confirm "Tone dialing (DTMF) off?". In the display, you will see: "Tone dialing (DTMF) on?"

Tone dialing (DTMF) on?

Note:

If your telephone is set to dial pulsing, you can also switch temporarily to tone dialing by pressing the **(*)** key (see page 17). This temporary switchover does not affect the basic dialing mode setting and the telephone automatically switches back to this when you replace the handset.

Using the telephone

Setting the handset volume

During a call, you can set the handset volume to 3 different levels:

1st method:



Assume you are making a call.

```
123456
Phone book?
```



Use the "+/-" keys to adjust the volume.
Each time you press the key, the volume is increased or decreased one level. The new the volume ist stored.

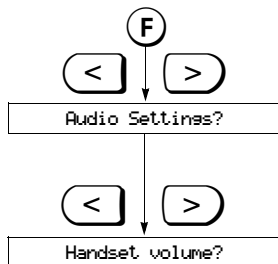
```
Handset volume:
■■■■■
```

2nd method:



Assume you are making a call.

```
123456
Phone book?
```



Press the F key.

```
Phone menu:
Phone book?
```

Choose the menu item "Audio settings".

```
Audio settings:
Handset volume?
```

Then choose "Handset volume".
In the display, you will see the volume that has been set, with each level represented by two boxes.

```
Handset volume:
■■■■■■
```



Use the "+/-" keys to adjust the volume.
Each time one of these keys is pressed, the volume is increased or decreased one level, as the case may be.

```
Handset volume:
■■■■■
```

Using the telephone

Using the telephone with and without the handset

Your telephone is equipped with a speaker and a microphone, making it possible for you to telephone without the handset (hands-free talking). You can also let other people who are in the room with you listen to what is being said (open listening) without their being able to talk to the other caller.

Activating/deactivating hands-free talking

Let us suppose you want to telephone without having to use the handset:



Press the speaker key.
You can now dial and use the telephone as if you had lifted the receiver. For best results, stay 50 cm away from the speaker.

Phone book?

If you are already in the middle of a call using the handset and want to switch to hands-free talking:



Press the speaker key **and keep it pressed.**

Phone book?



Replace the handset.
You can now release the speaker key, and make your call with your hands free.

Deactivating hands-free talking:

If you are using the hands-free feature and want to end the call:



Press the speaker key.
The call is ended, and the display is cleared.

Using the telephone

If you are using the hands-free feature and want to continue the call with the handset:



Lift the handset.
The hands-free feature is automatically deactivated, and you can continue the call with the handset.

123456
Phone book?

Note:

The voice-controlled hands-free device will only work properly if both callers avoid speaking at the same time. Noise on the line, as well as ambient noise and background conversation, can interfere with the call and make understanding difficult. If the connection is poor or quiet, you should use the handset.

Open listening



Lift the handset.

Phone book?



Press the speaker key.
The speaker is switched on, and the other caller can be heard by other people in the room with you.

Note:

You can switch the speaker on and off whenever you like while you are making a call. If you want to activate the hands-free feature while using the speaker, keep the speaker key depressed until you have replaced the handset. You can now carry on the call with your hands free.

Using the telephone

Setting the speaker volume

During a call, you can set the speaker volume to 7 different levels.

Making a temporary setting during a call (without storing it):



Suppose you are making a call, using either the speaker or the hands-free feature.

123456
Phone book?



Set the speaker volume by using the "+/-" keys. Each time you press one of them, the volume is raised or lowered one level.

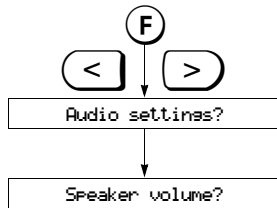
Speaker volume:
■■■■■

Setting the basic speaker volume (and saving it):



Lift the handset.

Phone book?



Press the F key.

Phone menu:
Phone book?

Choose "Audio settings" from the menu.

Audio settings:
Speaker volume?

Confirm the "Speaker volume" menu item. The volume that has been set appears in the display, with each level represented by two boxes.

Speaker volume:
■■■■■■■



Set the speaker volume by using the "+/-" keys. Each time you press one of them, the volume is raised or lowered one level.

Speaker volume:
■■■■■



Confirm the menu item. The new volume is stored.

Entry stored!

Using the telephone

Note:

You have set the basic speaker volume, and this is now permanently stored.

Switching the microphone on/off (mute function)

If you do not want the other caller to be able to hear you (for instance, when you are speaking to someone who is in the room with you), you can temporarily switch off the microphone. During this period, the other caller hears music (Greensleeves). However, you can switch the music off by confirming "Mute melody off" under "Parameter" in the "Settings" menu.

In this case you still hear your telephone partner.

Microphone off (mute function on):



Assume you are making a call, and want to activate the mute function.

123456
Phone book?



Press the microphone key. In the display, you will see the message "Mute active!".

Mute active!

Microphone on (mute function off):



To continue the call, press the microphone key again.

123456
Phone book?

Note:

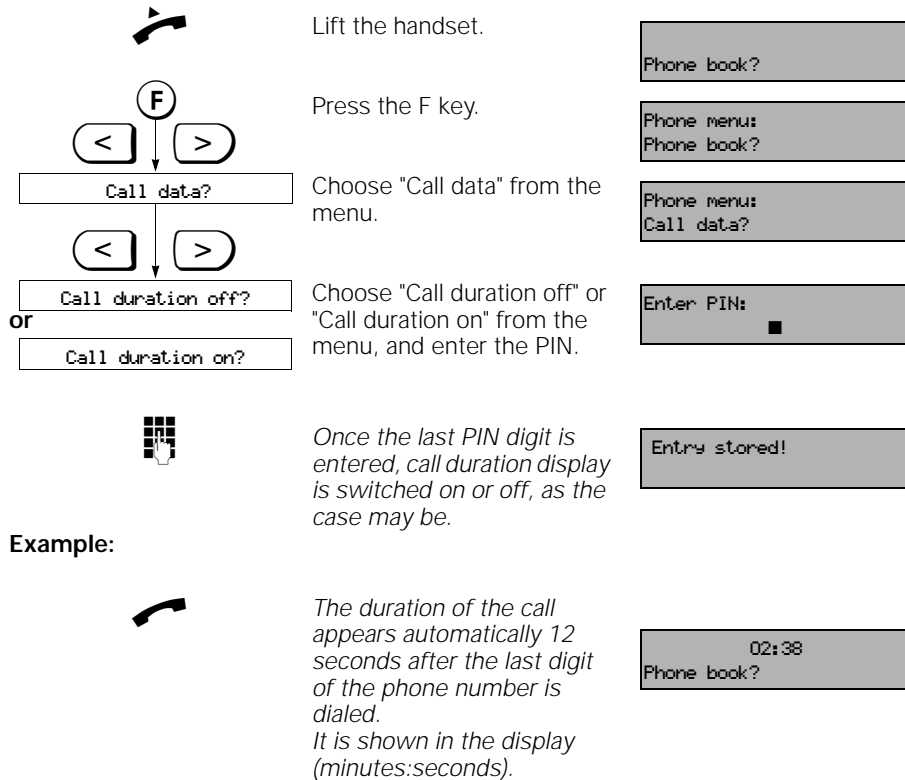
To switch off the microphone while using the hands-free feature, proceed as described above.

Displaying call duration

Your telephone can show the **duration of the call** in its display. When you receive your telephone, call duration display is activated. If you want to deactivate it, proceed as described below.

To change the settings, you must first enter the PIN.

Activating / deactivating call duration display



Note:

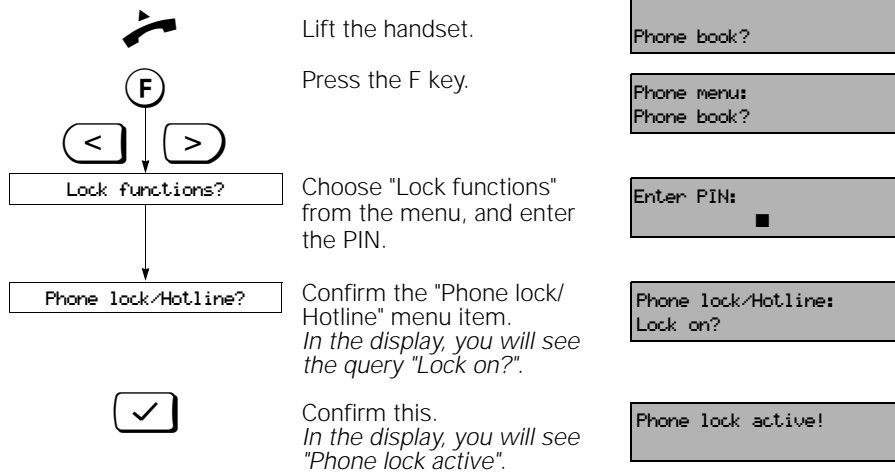
When the call is finished, its duration remains displayed for about 3 seconds.

Locking the telephone

You can lock your telephone to prevent its being used by unauthorized persons. Calls will be received at the locked telephone. You can also set up calls at your locked telephone by first entering your PIN. As soon as you complete the call, the telephone is automatically locked again.

Activating / deactivating phone lock

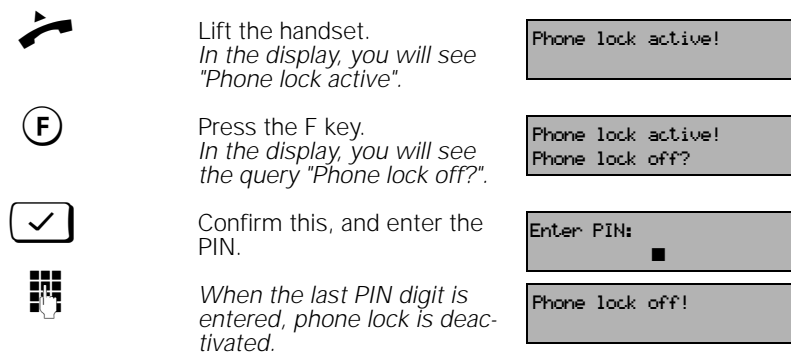
Activating:



Note:

You can use "Emergency numbers" (page 41) and "Hotline" (page 51) to allow specific numbers to be dialed.

Deactivating:



Locking the telephone

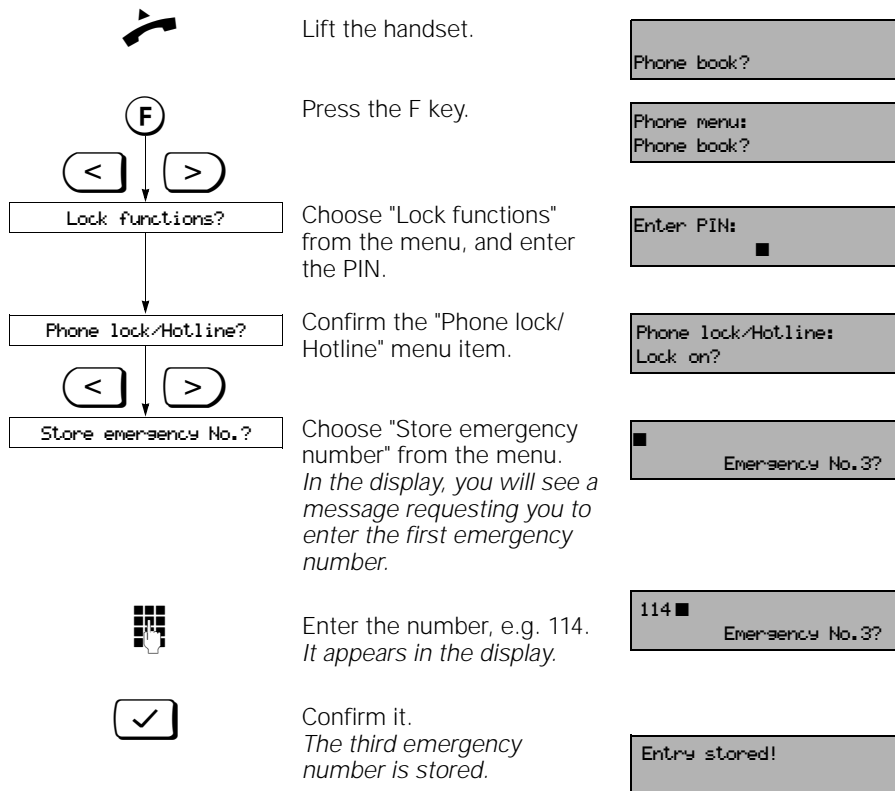
Emergency numbers

In an emergency, it is important to be able to dial emergency numbers in spite of the phone lock functions's being activated. You can store up to three emergency numbers.

When your telephone is delivered, **110** and **112** are already available.

When your telephone is connected to a telephone system, you have to change these emergency numbers, and store the exchange code as well.

Storing emergency numbers



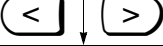








Note:

If three emergency numbers have already been stored, you will see the message "All emergency numbers occupied" in the display. To store others, you can delete one or more, or you can change them by calling the menu "Emergency number list/change" (page 42).

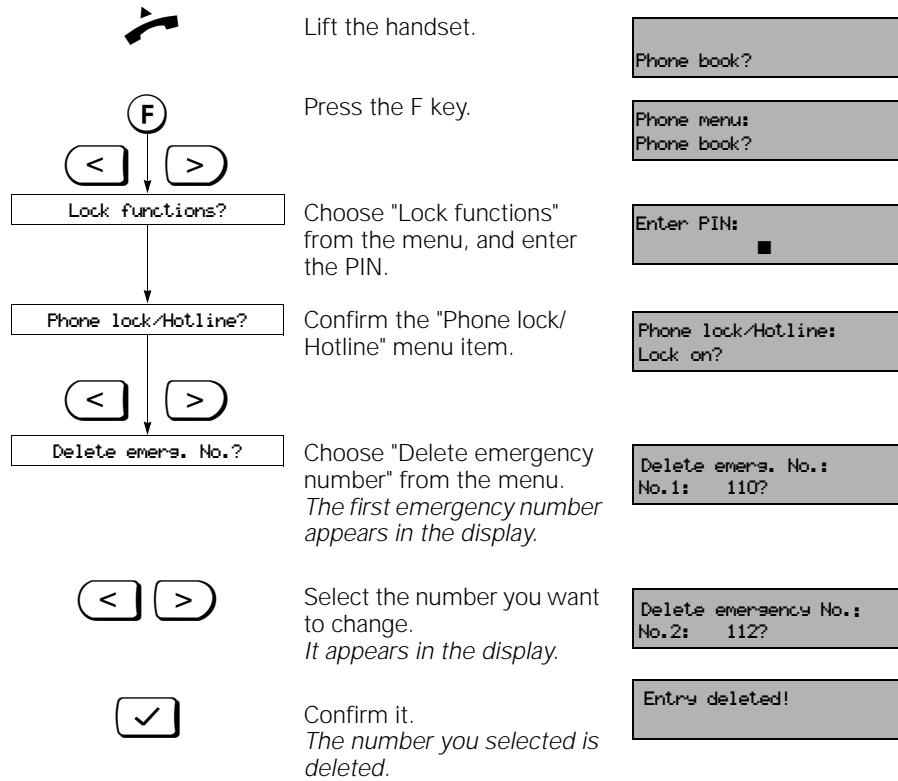
Locking the telephone

Changing emergency numbers

	Lift the handset.	Phone book?
	Press the F key.	Phone menu: Phone book?
 Lock functions?	Choose "Lock functions" from the menu, and enter the PIN.	Enter PIN: ■
 Phone lock/Hotline?	Confirm the "Phone lock/Hotline" menu item.	Phone lock/Hotline: Phone lock on?
 Emers. No. list/change?	Choose "Emergency number list/change" from the menu. <i>In the display, you will see the first emergency number.</i>	Emers. No. list/change? No.1: 110?
	Select the number you want to change. <i>It appears in the display.</i>	112 ■ Emergency No.2?
	Press the backspace key. <i>Each time you press it, the last digit is deleted.</i>	■ Emergency No.2?
	Enter the new emergency number, e.g. 128. <i>It appears in the display.</i>	128 ■ Emergency No. 2?
	Confirm it. <i>It is stored.</i>	Entry stored!

Locking the telephone

Deleting emergency numbers





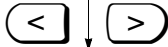




Locking the telephone

Call barring

You can prevent numbers that begin with a certain combination of digits from being dialed, e.g. "00" for international calls.

Storing call barring numbers

You can have up to nine different call barring numbers, which can consist of one to three digits. These call barring numbers do not come into effect until call barring is activated.

	Lift the handset.	Phone book?
	Press the F key.	Phone menu: Phone book?
	Choose "Lock functions" from the menu, and enter the PIN.	Enter PIN: ■
	Choose "Call barring" from the menu.	Call barrine: On?
	Choose "Store call barring No." from the menu. <i>In the display, you will see a message requesting you to enter the first call barring number.</i>	■ LockNo. 1?
	Enter the number you want, e.g. 00. <i>It appears in the display</i>	00 ■ LockNo. 1?
	Confirm it. <i>It is stored.</i>	Entry stored!

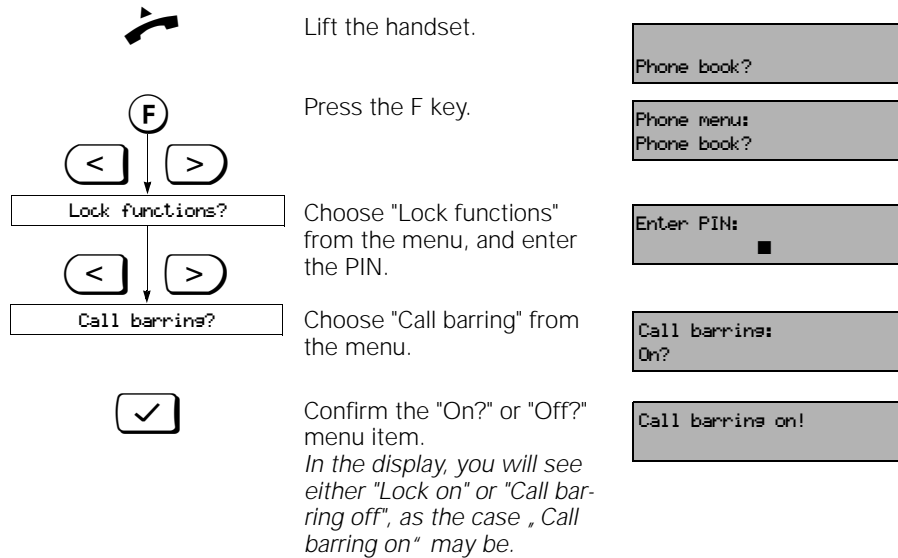
You can enter further call barring numbers. The next higher number appears in the display (e.g. "No. 2?", etc.)

Note:

To activate call barring, you must first of all activate the lock function. Only then will it be possible to ensure that certain numbers, say those beginning with "00", can no longer be dialed.

Locking the telephone

Activating / deactivating call barring



Note:

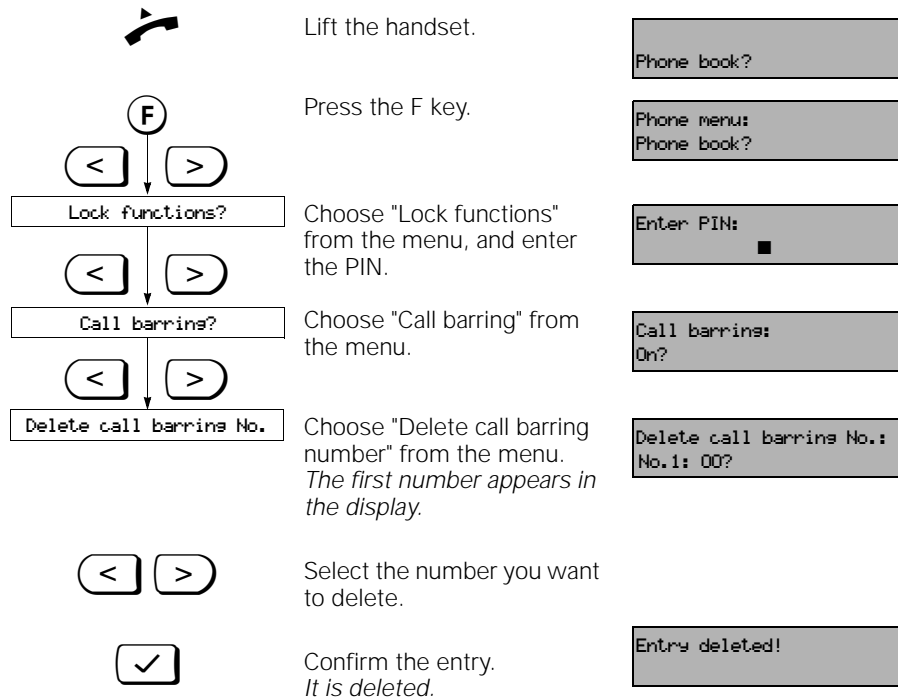
If you dial a number beginning with a call barring number (e.g. "00") when call barring is activated, the message "Phone number barred" appears in the display. The key pad will be locked, and you will have to replace the handset or press the speaker key.

Locking the telephone

Deleting call barring numbers

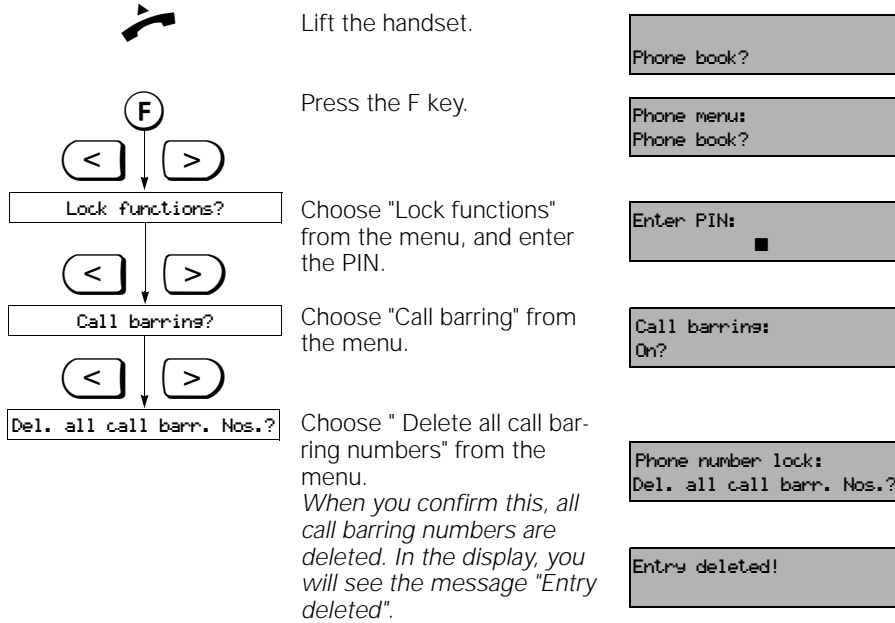
You can delete call barring numbers individually or all together.

Deleting call barring numbers individually:





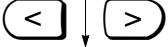
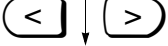





Locking the telephone

Deleting all call barring numbers:



Locking the telephone

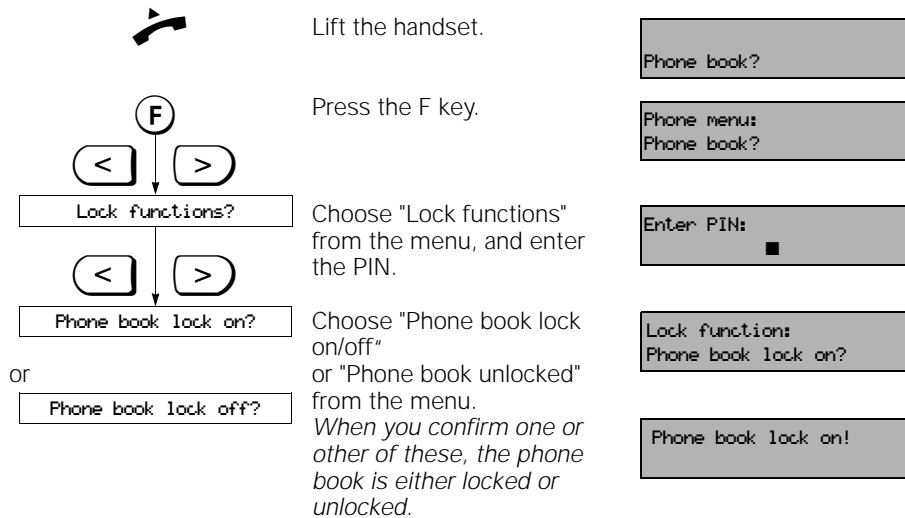
Changing call barring numbers

	Lift the handset.	Phone book?
	Press the F key.	Phone menu: Phone book?
 Lock functions?	Choose "Lock functions" from the menu, and enter the PIN.	Enter PIN: ■
 Call barring?	Choose "Call barring" from the menu.	Phone number lock: On?
 Call barr. list/change?	Choose "Call barring list/ change" from the menu. <i>The first number appears in the display.</i>	Call barr. list/change: No.1. 00?
	Select the number to be changed. <i>It appears in the display, e.g. "00".</i>	00 ■ LockNo.1?
	Press the backspace key. <i>Each time you press it, the last digit is deleted.</i>	0 ■ LockNo.1?
	Enter the new number, e.g. 01. <i>It appears in the display.</i>	01 ■ LockNo.1?
	Confirm it. <i>It is stored.</i>	Entry stored!

Locking the telephone

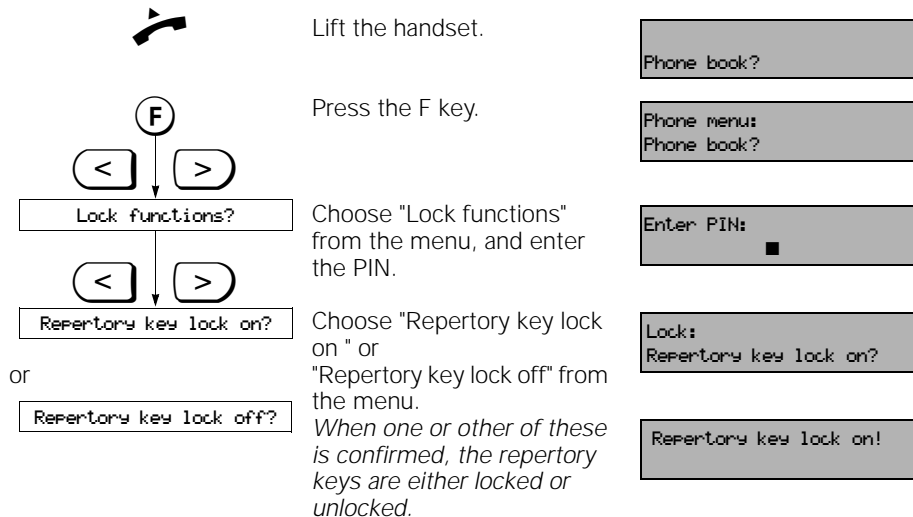
Locking / unlocking the phone book

You can lock the phone book to ensure that no unauthorized changes can be made.



Locking / unlocking the repertory keys

You can lock the repertory keys to ensure that no unauthorized changes can be made.



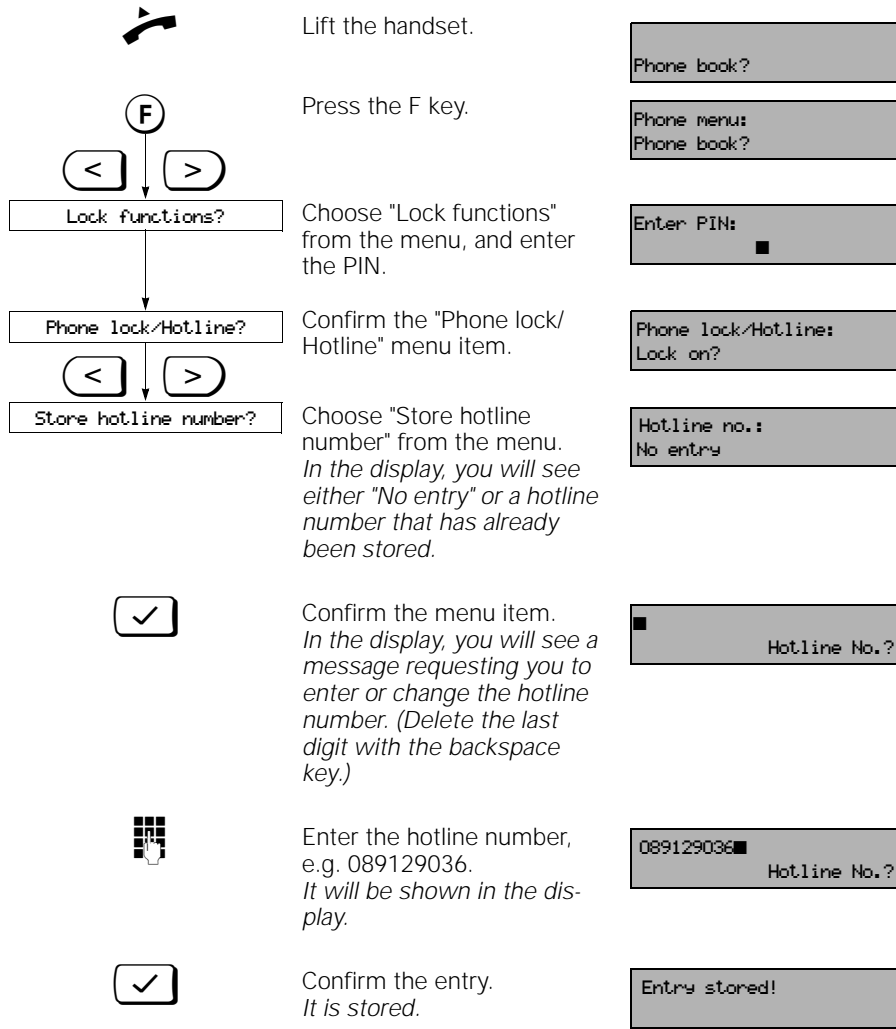
Hotline function

You can set up your telephone so that anyone can use a hotline. This hotline (Baby Call) can even be used by a child who cannot dial, so that it is able to contact you on your mobile phone or when you are with friends.

Please note that emergency numbers cannot be dialed when the hotline function is activated.

Storing / changing the hotline number

You can enter a hotline number consisting of up to 22 digits.

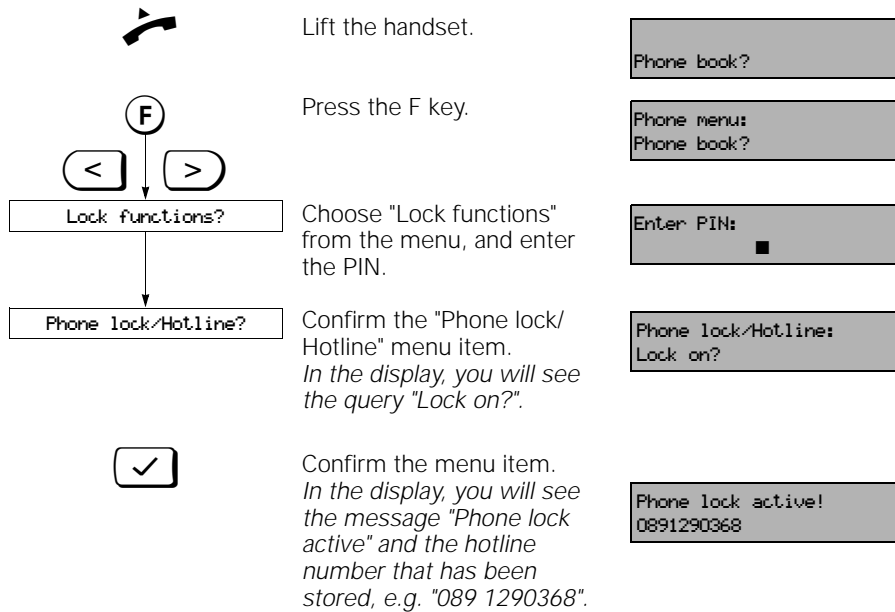


Hotline function

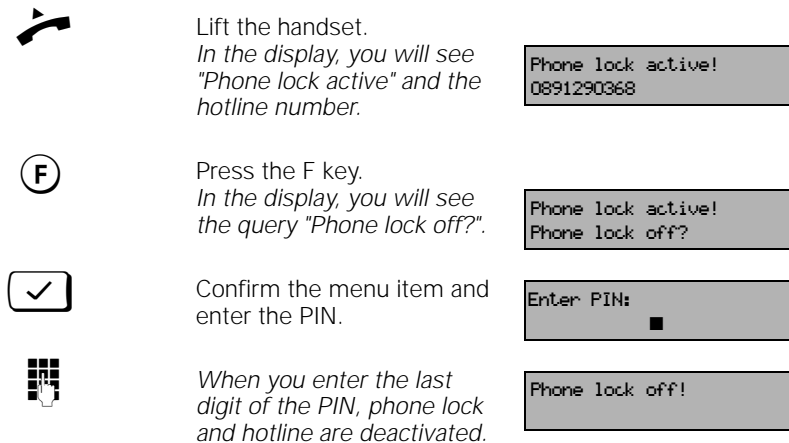
Activating / deactivating the hotline function

Activating:

You can only activate the hotline if you have already stored a hotline number.



Deactivating:



Hotline function

Using the hotline function

The hotline is initiated (i.e. the hotline number is dialed) when the handset is lifted and any key is pressed (**apart from** ⊕, ⊖, ⊕⊖). If you press the ⊕ key, the hotline function is working within 10 sec.



Lift the handset, and press any key (apart from those mentioned above).

Phone lock active!
0891290368



The number that has been stored appears in the status line of the display.

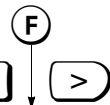
0891290368

Deleting the hotline number



Lift the handset.

Phone lock?



Press the F key.

Phone menu:
Phone lock?

Lock functions?

Choose "Lock functions" from the menu, and enter the PIN.

Enter PIN:

Phone lock/Hotline?

Confirm the "Phone lock/Hotline" menu item.

Phone lock/Hotline:
Lock on?



Delete hotline no.?

Choose "Delete hotline number" from the menu. The number will be shown in the display.

Delete hotline no.:
0891290368?



Confirm the menu item. The hotline number is deleted.

Entry deleted!

Note:

Once you have deleted the hotline number, you can no longer activate the hotline function.

Operating in a telephone system

When the phone is being used in a telephone system, you must first of all dial an exchange code (e.g. 0) to gain access to the public network, and then wait until you hear the exchange dialing tone.

When using an exchange code or main PBX code, you must pause for the requisite time when dialing. When putting your telephone into operation for the first time in a telephone system, you must set the exchange code and main PBX code for dialing external phone numbers or for dialing into the main PBX (including with a signal key as a code).

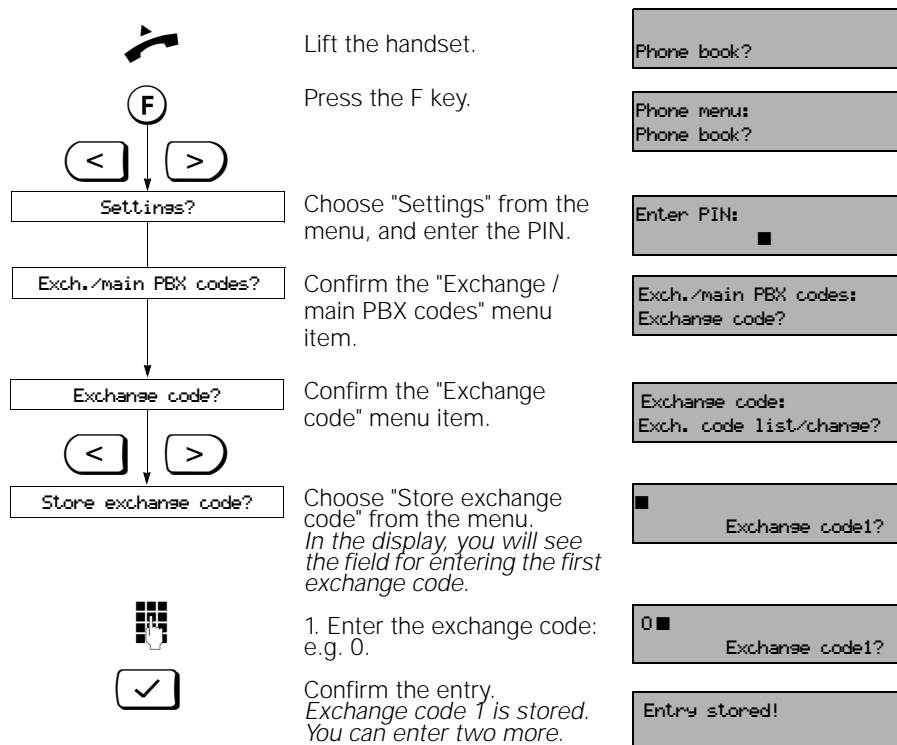
You can program up to three exchange codes (each with up to three digits) and one main PBX code.

Note:

The emergency numbers 110 and 112 are already stored in your telephone when it leaves the factory. You have to change these and store your exchange code as well (see page 41).

When using your telephone within a telephone system, you must also follow the instructions for your PBX.

Storing an exchange code



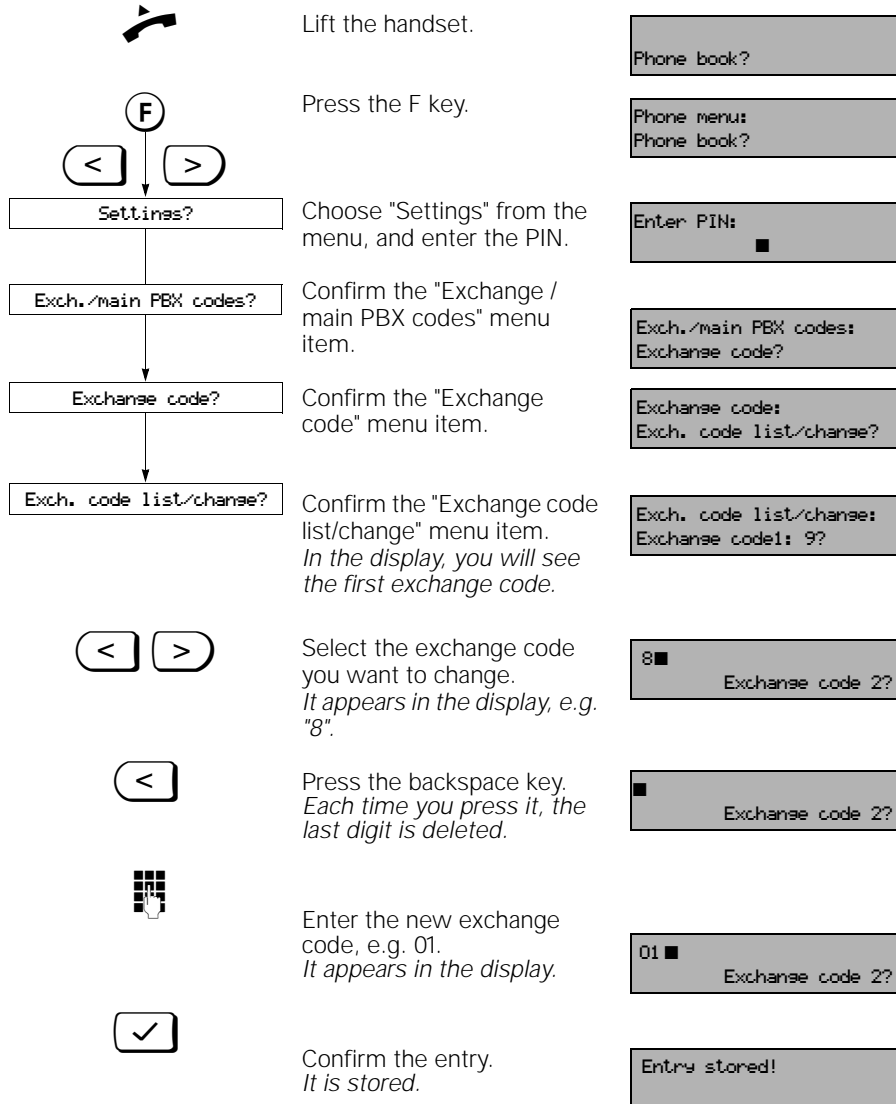
Note:

You can also store the recall key (signal key) as an exchange code. This will be shown in the display with "R".

Operating in telephone systems

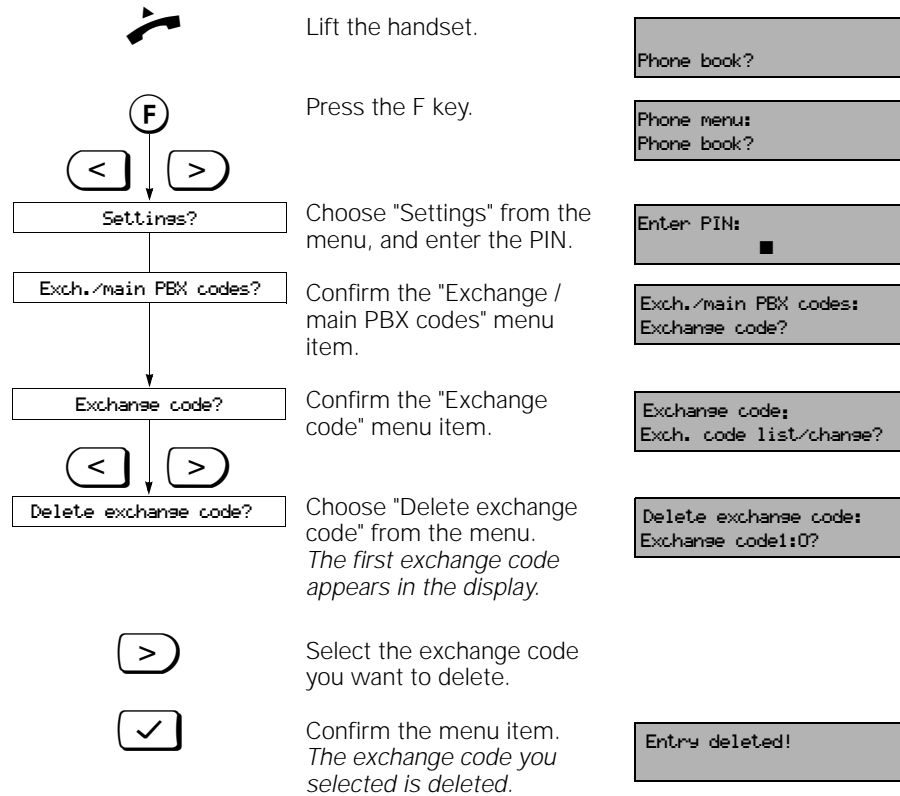
Changing an exchange code

You can display and change exchange codes that have been programmed.



Operating in telephone systems

Deleting an exchange code

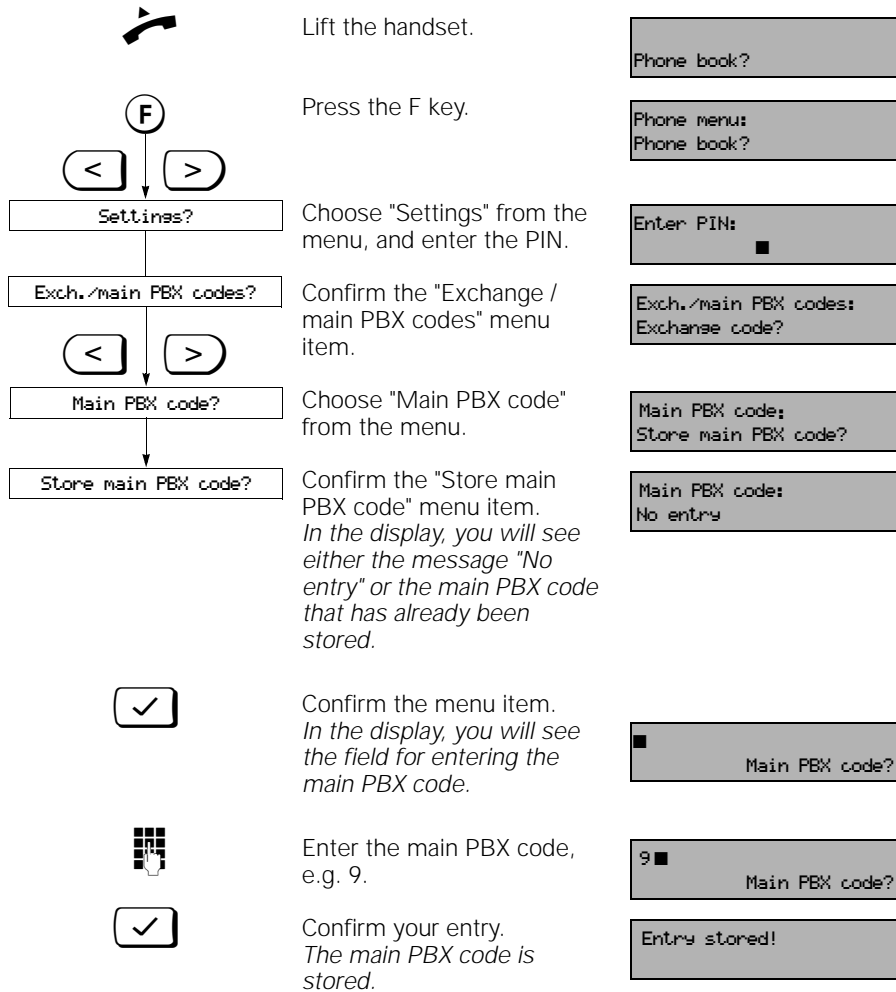


Note:

Use the forward key () to select the exchange code you want to delete. After the third has been displayed, you will see the first again.

Operating in telephone systems

Storing the main PBX code

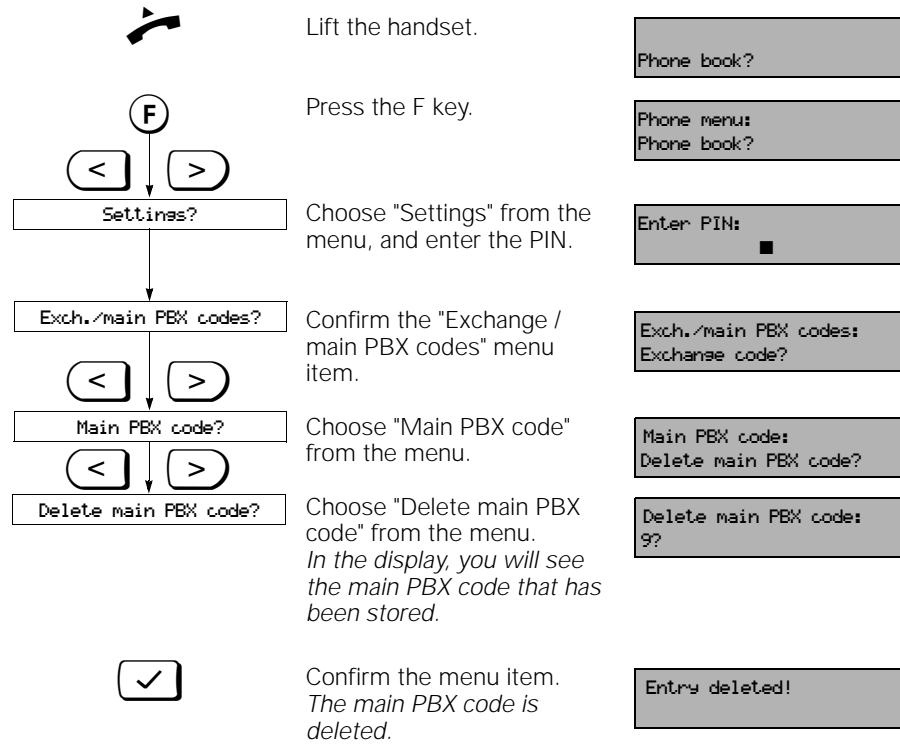


Note:

You can also store the recall key $\text{\textcircled{R}}$ (signal key) as the main PBX code. This is shown in the display with "R".

Operating in telephone systems

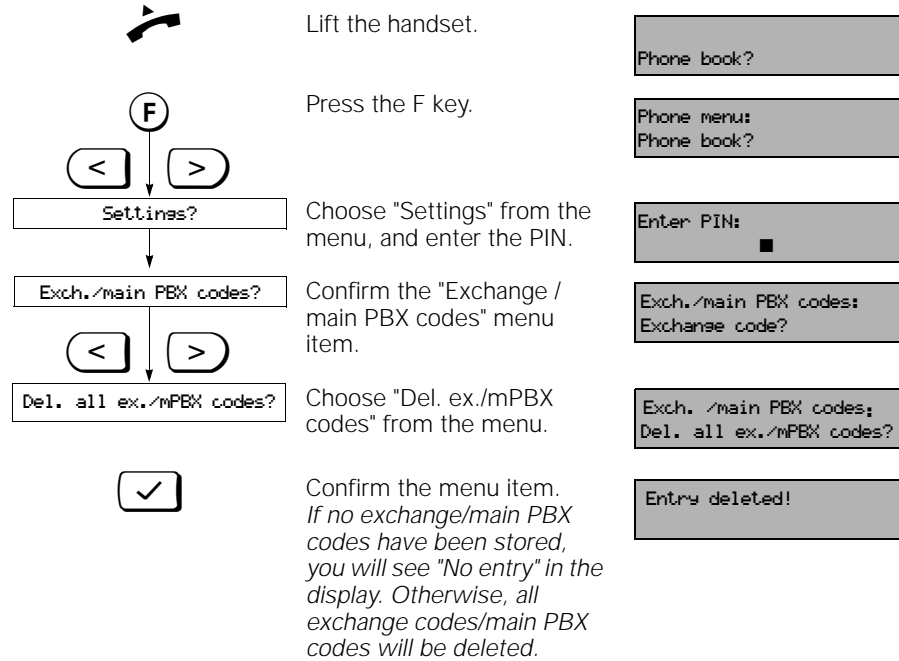
Deleting the main PBX code



Operating in telephone systems

Deleting all exchange / main PBX codes

You can delete all stored exchange codes and the main PBX code in one operation.

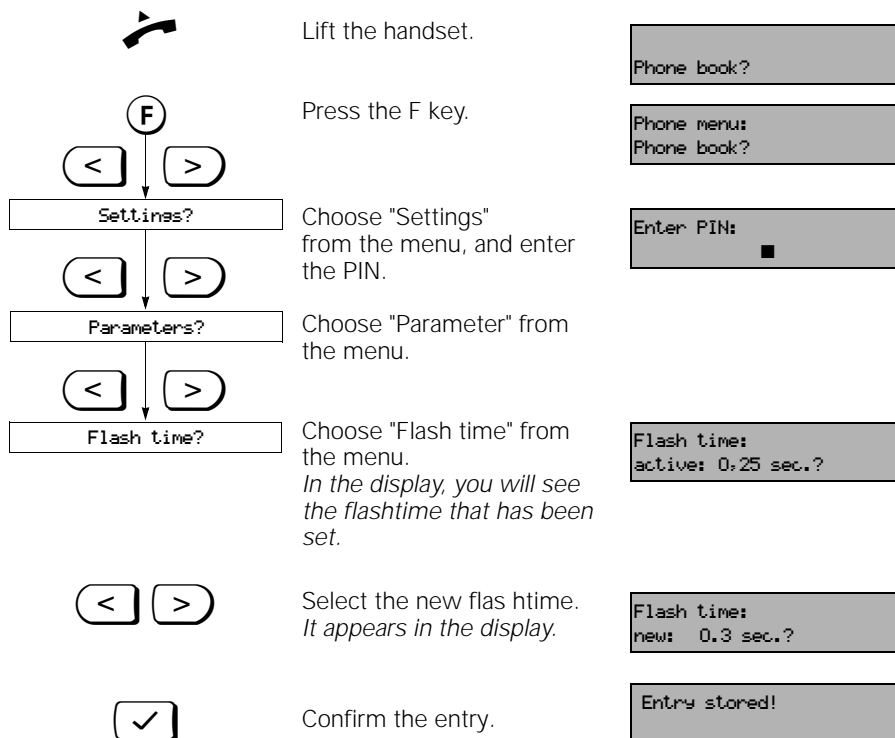


Operating in telephone systems

Setting flash times

During a trunk call, you can use the recall key $\text{\textcircled{R}}$ (signal key) to make a consultation call or to forward a call. The flash times can be set for this. When you first receive your telephone, the setting is 0.25 seconds.

You can, however, set the following: 0.09, 0.12, 0.18, 0.25, 0.3, and 0.6 seconds. Further procedures depend on your telephone system. Note the relevant information in the operating instructions for your telephone system.



Important notes for users

If your telephone fails to work properly

Not every malfunction is due to a fault.
You can save both time and money by identifying and removing the cause yourself.

Lift the handset, no dial tone

Is the connecting cord properly plugged into the telephone and the telephone socket?
Is the handset cord plugged in at both ends?

Dial tone can be heard, but the equipment will not dial

The connection is OK.
The right dialing mode has to be set (see page 17).

The telephone does not ring

Tone dialing switched off? Set tone dialing.

In the case of telephone systems only: No connection, or wrong connection, when dialing from the memory (speed dialing, redialing):

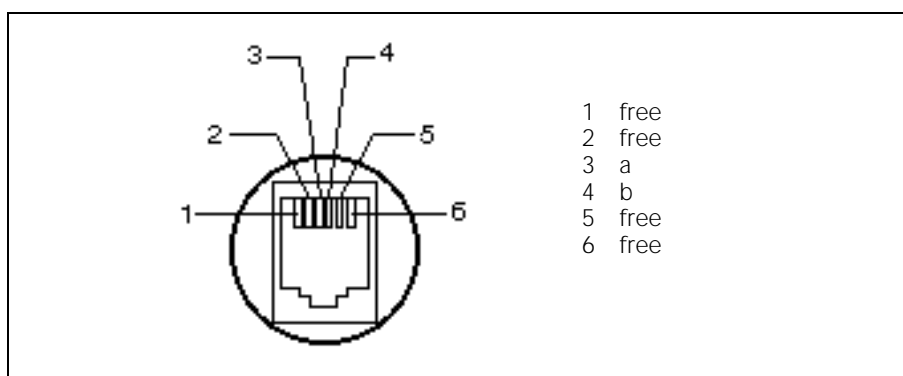
Program the exchange code.

Telephone does not respond when keys are pressed

Replace the handset, then lift it again.

Technical information**Configuration of the telephone socket**

Configuration of the socket for the connecting cord on the underneath of the telephone:



Index

A

Activating/deactivating	
call duration display	39
hands-free talking	35

B

Backspace key	7
---------------------	---

C

Call barring	
activating/deactivating	45
changing numbers	48
deleting numbers	46
storing	44
Call duration display	39
Connecting the telephone	5
Contents of the package	4

D

Dialing	
a number from the phone book	32
on-hook	30
with the pushbutton set	30
with the repertory keys	31
Dialing mode	
changing temporarily	33
setting	17
Display	8
Display during the operating sequences	12

E

Emergency numbers	
changing	42
deleting	43
storing	41
Entering letters	13
Entering numbers	13
Exchange code	
changing	54
deleting	55
deleting all	58
storing	53

F

Flash times, setting	59
Forward key	7

H

Hands-free talking	35
Hotline function	
activating/deactivating	51
deleting hotline number	52
storing/changing number	50
using	52

I

If your telephone fails to work properly	60
Installation, recommendations	3

L

Labeling card	6
Last number redial	31
Locking / unlocking the phone book	49
Locking / unlocking the repertory keys	49

M

Main PBX code	
deleting	57
deleting all	58
storing	56
Menu items, calling	11
Menu key	7
Menu structure	9
Mute function	38

O

OK key	7
Open listening	36
Operating sequences	12

Index

P

Personal Identification Number	15
Phone book	
adding numbers	22
Changing an entry	23
Deleting an entry	25
new entry	21
totally deleting	26
Phone lock	
activating/deactivating	40
PIN	
changing	15
setting	15

R

Repertory keys	
deleting	28
storing phone numbers	27

S

Setting flash times	59
Setting the handset volume	34
Setting the tone ringer volume	18
Speaker volume, setting	37
Switching the microphone on/off	38

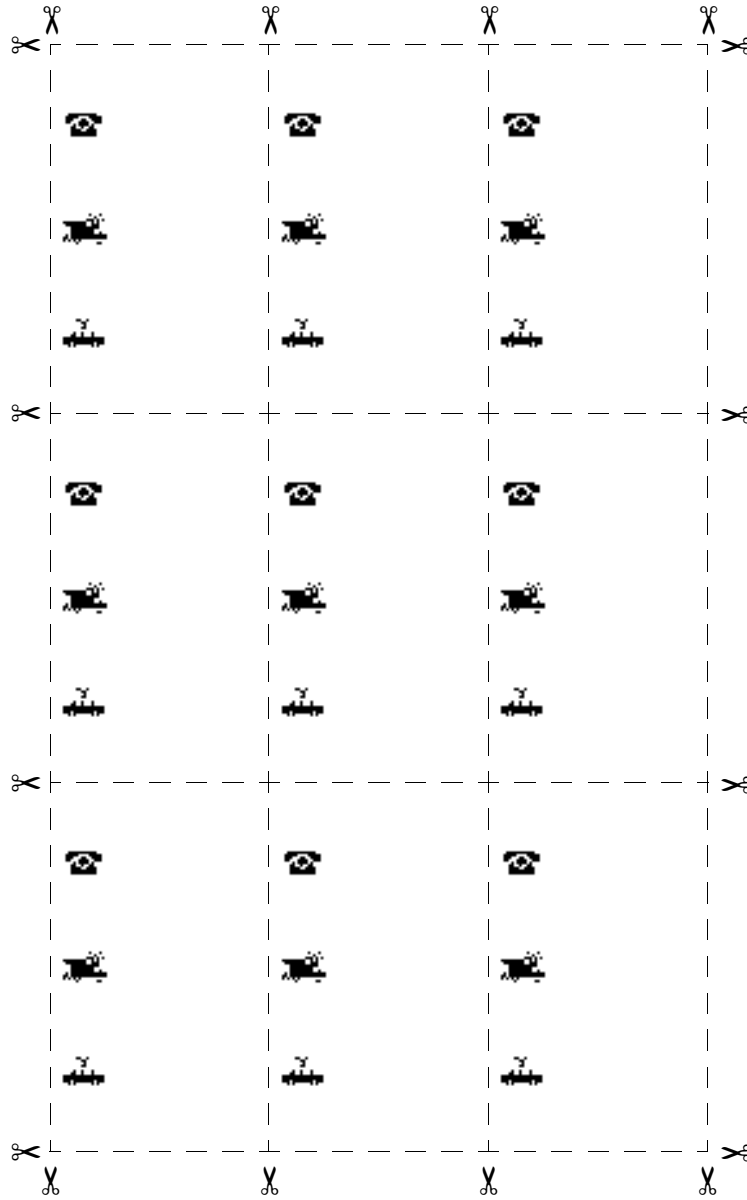
T

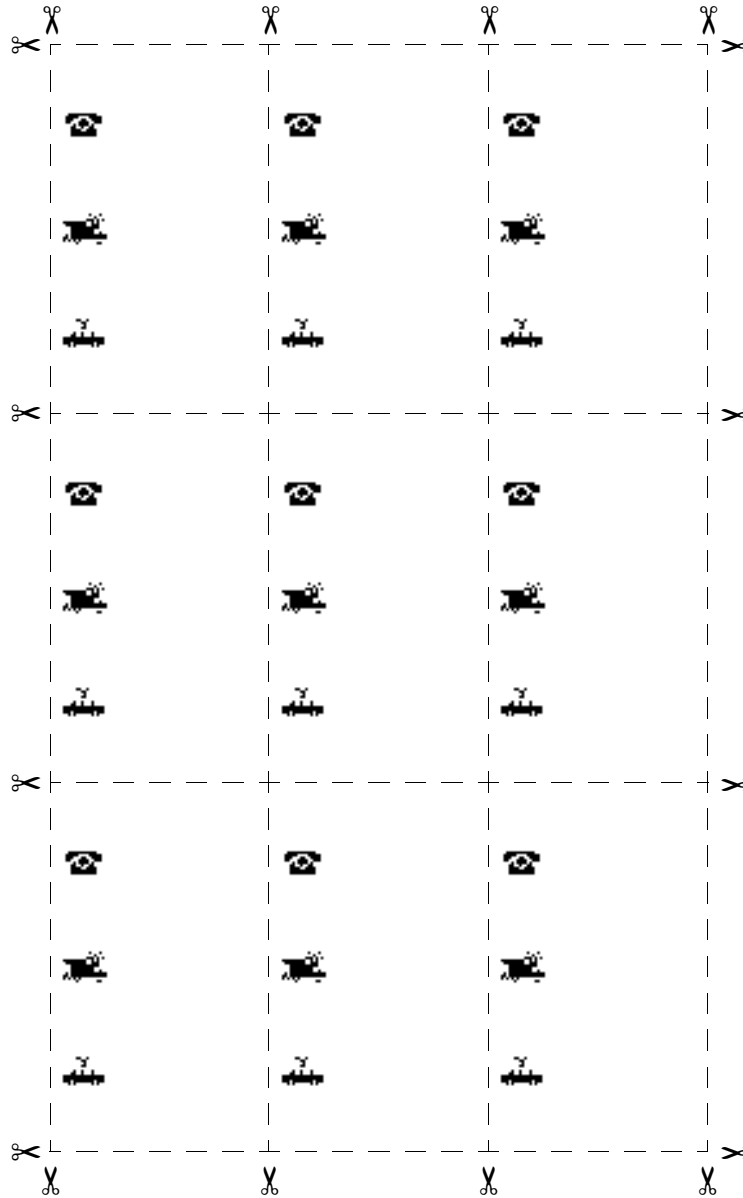
Telephone socket, configuration	61
Tone ringer melody, setting	20
Tone ringer pitch, setting	19
Tone ringer, switching off	18

U

Using the menus	7
-----------------------	---

For your notes





Issued by Private Communication
Systems Group
Telephone Terminals Plant
Kaiser-Wilhelm-Strasse 56
46395 Bocholt

© Siemens AG 1997
Subject to availability.
Right of modification reserved.

Siemens Aktiengesellschaft

Ref. No. A30350-X102-X22-1-7619
Printed in Germany
(6/96)

