

## Integral TH13 ISDN Telephone



connected to  
Integral 33 systems

# BOSCH

## **Familiarize yourself with your phone**

This introduction is designed to help you learn the basics of your telephone quickly and easily. You should read this section to learn about the special features of your new telephone, even if you are already familiar with deluxe phones.

### **What you should definitely read**

- Basic operating principles → starting on p. 14.

You should read this section to learn about the special features of your new telephone, even if you are already familiar with deluxe phones.

This manual uses a number of practical scenarios to provide you with a better understanding of the functions your phone has to offer.

### **Making calls**

This section describes the various options you can use to make calls.

### **Receiving calls**

There are also a number of functions that make phoning even easier. These are explained in this section.

### **During a call**

Useful functions help you keep track of several calls at once.

### **Using the phone in a partner group**

Some things are easier for partners. These functions are contained in a separate section, as they are only valid within a partner group.

### **Setting the telephone for your own specific needs**

You won't need to do it every time you use the phone. But your phone (TH 13) provides you with the ability to set up various functions according to your own personal needs.

### **Team functions**

This section describes functions used to communicate with certain subscribers within your telephone system, such as sending messages and making announcements.

### **If in doubt, look it up**

If you are looking for something specific, you can look it up in this section. You will also find an alphabetic overview of all menu items in this section.

# Table of Contents

## **Familiarize yourself with your phone**

Familiarize yourself with your phone	2
TH 13 – Overview	6
Which keys for which functions?	7
Special features of your telephone	8
How to use this manual	11
Basic operating rules	14
Putting the telephone into operation	24
Making a standard call	25

## **Making calls**

Dialing a call number from the telephone book	27
Dialing a call number from the call list	28
Sending messages (Minimail)	30
Recording call charges for projects	33

## **Receiving calls**

Answering calls	34
Requesting info message	35
Picking up messages	36
Store all callers (Talk list)	37
Receiving minimail (Mailbox)	38

## **During a call**

Monitoring	39
Handsfree	40
Deactivating the call number and charge display	44
Temporary switchover to DTMF	45
Additional call during an existing call	46
Several calls simultaneously	47

**Using the phone in a partner group**

Overview of partner functions	52
Using the phone in a partner group	54
Setting up partner groups	55
Connection for partner	57

**Setting up the telephone for your own specific needs**

Call numbers in the telephone book – overview	58
Storing call numbers in the telephone book	59
Diverting calls	68
Answer calls at another telephone (Follow me)	69
Double Call	70
Setting up function keys	71
Setting up macro functions	72
Setting the telephone	75
Turning off autom. postdialing (DTMF)	76
Switching on key beep	77
Handsfree equipment	78
Handsfree talking with auxiliary loudspeaker	80
Displaying call charges	82
Setting acoustics and contrast	83
Do not disturb	86
Setting the language	87
Entering appointments	88
Alternate time zone	90
Private User Mobility (Mobile direct dialing number)	91
Saving personal data centrally	92

**VIP functions**

Setting up VIP functions	93
--------------------------	----

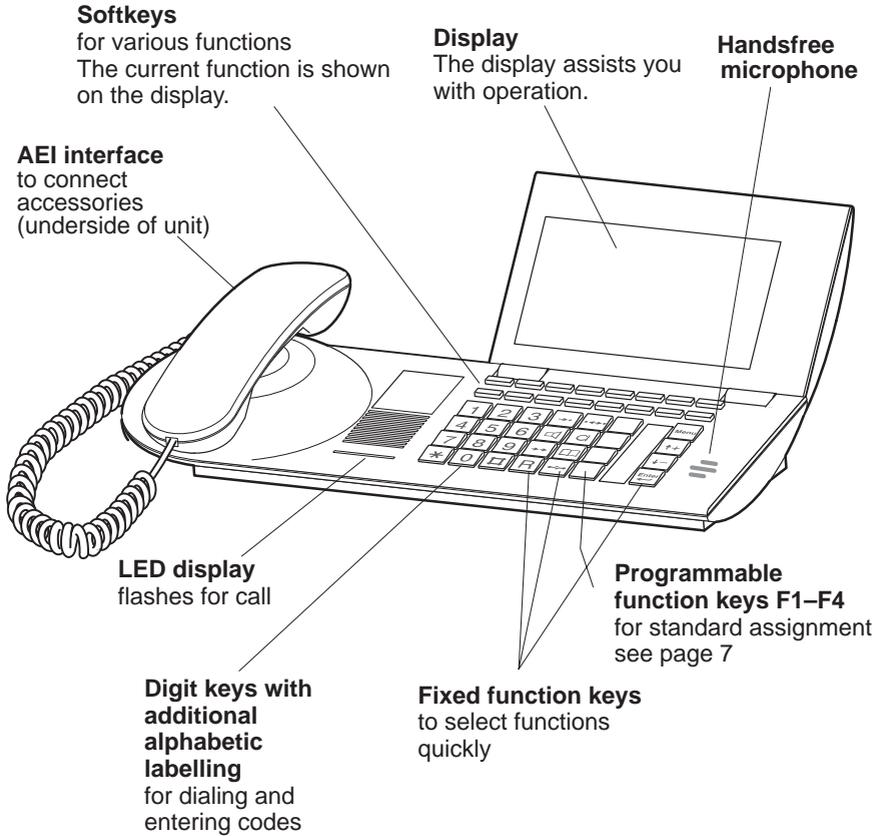
**If in doubt, look it up**

Telephone functions overview	101
Display messages	106
Display messages during emergency operation	112
Menu items on the display	113
Setting tones and distinctive rings on your phone	132
If something goes wrong	133
Protecting the phone from unauthorized users	135
Testing the telephone	137
Registering for automatic call distribution	138
Additional information and functions	139
Index	141

Familiarize yourself with your phone

## TH 13 – Overview

The functions of a number of keys may differ depending on how your telephone is set up and how it is connected to the telephone system.



## Which keys for which functions?

This section gives you a brief overview of the keys on your phone and their respective functions.

The use of the individual keys is explained in detail under the corresponding function on the following pages.



### Digit keys with alphabetic labelling

for dialing call numbers and entering codes.

The alphabetic labelling allows you to dial by means of letters (vanity numbers).



### Star and hash

for special functions.



### Destinations

displays the various softkey assignments one after the other on the screen.



### Monitor

switches the loudspeaker on/off and facilitates dialing with the handset on-hook.



### Redial

redials a number.

You can choose between the last 5 numbers.



### Refer-back

initiates consultation within your system and allows you to return to your original call.



### Callback on busy

Your telephone rings when the dialed number is free again.



### Handsfree mode

activates the loudspeaker and the microphone so you can use the phone with the handset on-hook.



### Telephone book

electronic telephone directory. You can use it to store, find and dial numbers.



### Release

clears down the current connection or aborts initiated operations.



### Menu

activates the main menu, where you can select and initiate many of your phone's functions.



### Arrow up /down

moves the tag highlight up or down on the screen.



### Enter

used to select a highlighted menu item and to confirm an entry.

### Programmable function keys (standard programming):



### F1: Interchange

to toggle between two calls



### F2: Call diversion

to another telephone



### F3: Call list

containing parties who could not reach you



### F4: Conference

with two other parties

## Special features of your telephone

You can of course use your phone to make calls as you would with any ordinary phone.

This telephone also offers a variety of functions that make phoning even easier. This chapter contains a brief overview of some of these special features.

### The display assists you

The display provides you with important information, e.g. on the current call. In addition, display messages guide you through operation step by step.

The functions of some keys may change temporarily. The display shows you which functions are currently assigned to these "softkeys" (→ p. 15).

The call number of every ISDN caller is shown on the display to let you know who is calling before the call is actually set up. The name is also displayed, if possible.

You can decide how your display is to guide you through operation. You can choose between three display modes: a detailed display, a somewhat abbreviated one for advanced users and an extremely abbreviated one for pros.

### Customizing the functions of your phone

You can select and activate most functions quickly and easily from the screen.

A number of functions can also be performed quickly using the function keys. Some of these function keys are programmable and can be assigned the functions that you use most often. Some of the keys have already been assigned functions before delivery.

You can also change numerous standard settings and adapt the phone to your own personal needs.

### Storing personal data centrally

You can store your personal telephone settings centrally in your telephone system for security. Your data is protected with a password there.

If your telephone is replaced with a new one or if you "move house" within your telephone system, you can simply "bring along" your telephone settings to your new telephone without having to enter them again.

### Storing call numbers

You can store call numbers very easily. The numbers are entered in a so-called telephone book. This telephone book represents the call number memory of your phone. You can locate, modify, or delete the entries in your telephone book quickly and easily at any time.

### **Handsfree answer back**

You can adjust the settings on your phone so that calls are accepted automatically. This allows you to speak to a calling party without lifting the handset.

### **Protection against unauthorized use**

The integrated “lock” allows you to protect your telephone against unauthorized use.

### **Using the phone in a partner group**

Your BOSCH TELECOM service representative can connect your phone to other phones within your system to form a partner group. A number of functions are particularly easy to use within this partner group. In addition, the display provides you with additional information about your partners.

### **Number of possible connections**

You can establish up to 4 calls simultaneously. You can toggle between these calls as you wish.

Up to 3 simultaneous calls are shown on the display.

### **Team functions**

You can group any number of telephones in your system together to form a team. Team functions include, for example, making an announcement for another phone in the team, requesting callback if a team phone is busy, or simply signaling your call by means of a special tone.

You can also set up your team phone in such a way that “handsfree mode” is automatically activated for an incoming call. This allows you to speak to the calling party without lifting the handset (handsfree answer back).

### **Windows**

If you are connected to several parties at the same time, each call will be displayed in a separate section of the screen. These sections are called “windows”. Each window also displays the call mode of the respective party, e.g. “call” or “conference”.

### **Storing all callers (Talk list)**

You can store the call numbers of all callers you have talked to. Later on you can retrieve the corresponding numbers specifically and dial them if required. It is also possible to reallocate call numbers from the talk list to your telephone book. The default setting for the talk list is “on”.

### **Sending messages (Minimail)**

You can send short messages to one or several destinations. There are 10 texts you can choose from:

- 7 predefined texts which you can modify or complete
- 3 texts which you can enter yourself

### **Receiving messages (Mailbox)**

The mailbox is a call list for texts. Here, callers can leave up to 10 shorts minimails. The display of your telephone shows you when you have received a new message.

### **Programming function keys (Macros)**

You can program the function keys of your telephone with macro functions of various steps. This allows you, for example, to activate and deactivate a fixed call diversion by a single keystroke.

### **Operating a door device**

If you have a door device connected to your telephone system you can assign its operation to a function key.

### **PTM – Personal Telephone Manager (option)**

PTM is a Windows program that allows you to perform some of the functions of your phone on your PC. These functions include:

- setting up your phone
- editing telephone book entries
- writing texts, e.g. for notes or telephone book entries
- saving data on your PC

### **Connecting additional ringing tones (second alarm)**

You can equip your telephone with an additional ringing tone. You can then, for example, receive a signal in the neighbouring room when your telephone rings.

The second alarm is connected to the telephone's AEI interface via a switch contact. Please contact BOSCH Telecom as required.

## How to use this manual

A number of abbreviations and symbols are used in this manual to give you a better overview. This section contains a brief description of each of these symbols. The screens used in the manual contain only the texts or symbols that are significant for the respective function.

### Selecting a function using a function key



Some functions can be selected using a fixed function key. These keys are depicted as shown here.

### Selecting functions using menu items



You may need to press the “Menu” key to activate the main menu.

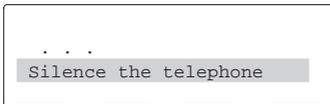
Silence the telephone

To select the menu item shown on the left, move the cursor on the display up or down using the arrow keys until the menu item is highlighted (grey background).

#### Example:

You want to activate the function “Silence the telephone”.

Press the “Menu” key.



Tag the menu item “Silence the telephone” using the arrow keys.



Activate the tagged function.

#### Note:

This manual explains all of the menu items that you may come across when using the standard configuration of your phone. Functions assigned to function keys do not appear in the menu.

#### Note:

You can always move from a submenu to the previous level with the “Return” menu item.

Return

### Enter a call number



The keys to the left are shown when you are required to enter a number. You can type the numbers manually or enter a stored call number.

### Dialing



You can initiate the dialing procedure in two different ways: You can press the “Monitor” or “Handsfree” key or lift the handset (→ p. 39).

The symbol to the left tells you to select one of these options.

### Set up a call



*Dial.* The symbol to the left tells you to set up a call. You can either enter the call number first and then lift the handset or vice versa.

Details → p. 25.

### Enter a text

N

You can enter text in the telephone book using the softkeys.

The left-hand column displays a key with a letter.

The corresponding key on your phone is located below the letter. You may need to move the cursor on the screen using the **softkeys** „↑“ and „↓“ until the desired letter appears.

Details → p. 22.

Local phone book							
Search: N ■							
A	B	C	D	E	F	G	↑
H	I	J	K	L	M	N	↓
O	P	Q	R	S	T	U	
V	W	Cont	List	Edit	Brk	Corr	



## Switching the menu item

Silence the telephone



Silence the telephone
. . .
Signal tone
On
Off
Return

The manual also uses a short form for this operation:

“Switch the menu item to...”

### Example:

You want to deactivate the acoustic signal for appointments.

The default setting of this function is “on”.

Select the menu item “Silence the telephone”, for example, and press the “Enter” key.

An additional window appears.

The current setting “On” is tagged.

Tag the setting “Off”.

### Note:

If you select the menu item “Return”, the previous function setting will remain active.



Press the “Enter” key to confirm your selection.

The signal tone for appointments is deactivated.

## Optional functions



The symbol to the left indicates that the described function is not a standard feature of your telephone.

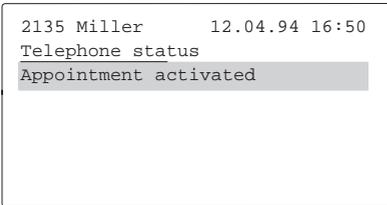
Other functions may also be disabled. Consult your BOSCH TELECOM service representative if you wish to use these functions.

Familiarize yourself with your phone

## Basic operating rules

The following pages contain a few basic rules concerning the function of your phone.

### The display assists you



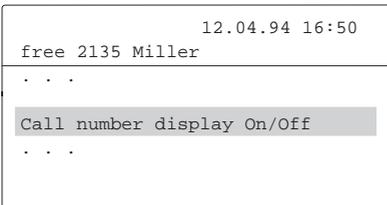
The figure at the left depicts the display as it could look when the telephone is idle. Your name and call number are displayed. You can also see the current date and time.

Depending on which functions you are currently using, various items are displayed for your information, as well as menu items for selecting the next operating step.

The display generally only displays functions that are available on your phone.

#### **Example: You make a call.**

Lift the handset.



The display contains menu items from which you can now choose the desired function. The chosen function is highlighted in grey.

You can now, for example, switch off the 2135 Miller display by pressing the „Enter“ key.

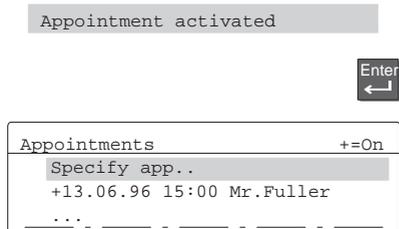
#### **Note:**

The display returns to idle mode if you do not press a key within 60 seconds. If you wish to switch back to the idle display manually, press the “Release” key.



**Basic operating rules** ►

If you see a message in the idle display you can directly activate the corresponding menu item in an easy way.  
The display shows you the current level of softkeys.



The idle display additionally shows you information on the state of your telephone. For example, a corresponding message appears if an appointment has been entered.

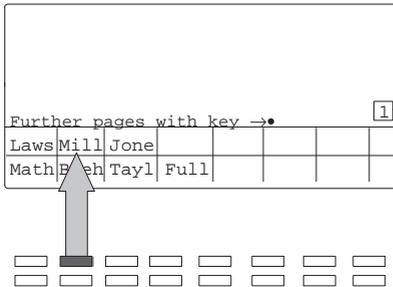
You can open the corresponding menu item directly from the idle display.

For this purpose select the message in the idle display.

Press the "Enter" key.

You can now process the settings, for example change an appointment or enter a new one.

**Softkeys**



The function of the two upper rows of keys changes according to the operating mode. The current function of these keys is shown in the display.

These keys are known as "softkeys". The key in the example on the left serves as the destination key with which you can call "Mill".

You can also program these keys as additional function keys.

**Softkeys on five pages:**

Sixteen key assignments are shown on the display simultaneously. However, one key can be assigned several functions.

On the first page (1) you see partners, functions or destinations 1–16, on the second page (2) additional functions, on the third, fourth and fifth page (3, 4, 5) additional destinations.

The display shows up to three simultaneous connections if you are connected to various subscribers at the same time.



Press the “Destination” key to display other assigned functions.

You can scroll through the existing pages using this key.

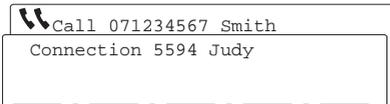
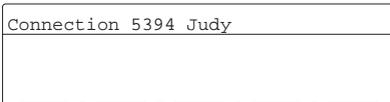
**Note:**

The second page of softkeys is reserved for functions. You cannot store call numbers here.

Therefore, on storing call numbers the second page is automatically omitted.

On programming function keys only pages 1 and 2 will be displayed.

### Displaying calls



When you are connected to another party, this is displayed in a so-called “window”.

You receive another call while you are talking. This additional call is displayed in a second window located behind the first one.

The currently active connection is displayed in the front window.

**Basic operating rules** ►

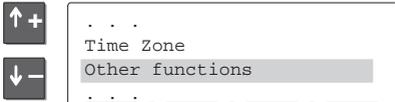
Several functions can be activated in a number of different ways.

- The simplest way: select it from a menu,
- The quickest way: using a function key.

**Activating functions****Selecting functions from the menu**

You can select and activate all the functions of your phone from the display. You do not need to remember any key symbols or combinations for menu selection.

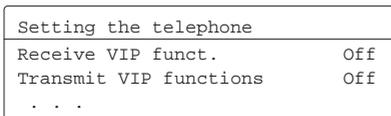
Press the “Menu” key. This calls up the main menu, where you can select the desired function.



In order to select a function, use the arrow keys to move the highlight onto the desired function. This function is then highlighted in grey, in this example “Other functions”.



Press the “Enter” key. This key confirms your selection—the chosen function is called up. In this particular case, a further menu will be called up, from which you can select the “Setting the telephone” menu item, for example.



The display changes. Only associated information is displayed on the screen.

This example shows you the functions that you can set on your phone.

**Note:**

When you purchase your phone, it is programmed in such a way that the functions assigned to fixed function keys are not displayed.

You can change this setting if you wish (see *Setting the telephone*, p. 75).

## Familiarize yourself with your phone

### Basic operating rules ►

You can abort all operating procedures at any time. You can disconnect the current connection in the same way.

### Activating functions with function keys



Several functions can also be activated using a function key, e.g. the electronic phone book.

Local phone book							
Search: N							
A	B	C	D	E	F	G	↑
H	I	J	K	L	M	N	↓
O	P	Q	R	S	T	U	
V	W	Cont	List	Edit	Brk	Corr	

The display on the screen is the same as the display that appears after menu selection.

In addition to the fixed function keys, you can program a number of keys with the functions that you use most frequently.

### Canceling an operation



Press the “Release” key.

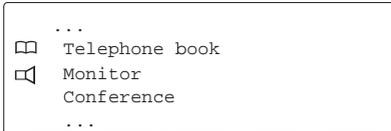
You can cancel an operation at any time if you change your mind or inadvertently activate the wrong function.

The phone returns to the status it had before the function was selected.

### Moving to the previous level

If you want to move from a submenu to the previous level, select the “Return” menu function.

## Display menus – three display modes



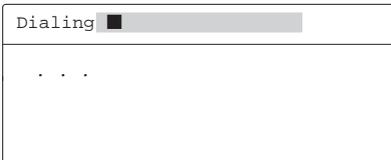
### Simple mode:

If you are still unfamiliar with the functions, you can have them all displayed on the screen. This display mode is the default setting of your telephone.



### Standard mode:

In this display mode, functions assigned to fixed or programmable function keys are not displayed.



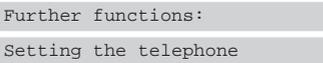
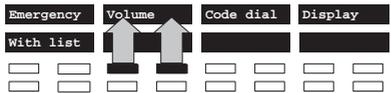
### Softkey mode:

Switch to softkey mode if you are an experienced user.

When you use your phone, all functions you can perform are displayed as softkeys rather than menu items.

If, for example, you wish to adjust the volume of the receiver, you must press one of the two corresponding softkeys.

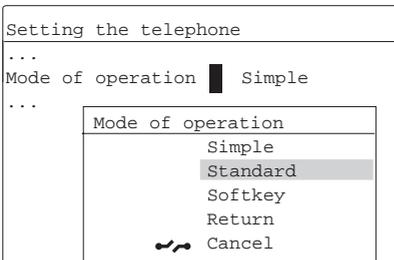
The menu is displayed as usual when the phone is idle.



### Changing the display mode:

Select the “Further functions:” menu item.

Select the “Setting the telephone” menu item.



Highlight the desired menu item and press “Enter”.

The setting options are displayed. Highlight the desired display mode and press “Enter”.

### Setting up a call

To set up a call you have to perform the two steps described below:

- prepare for dialing,
- activate dialing.

The call number is dialed.

It does not matter which of the steps is carried out first. However, we recommend to follow the described order because it allows you to correct the number before it is dialed.



*Dial:* The symbol to the left is always used in this manual to indicate that you should set up a call in this way.

### Preparing to dial

You have two different possibilities. Leave the handset on-hook.

**Enter the call number manually:**

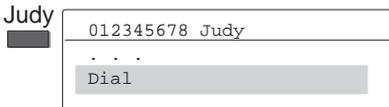
Type the desired number using the digit keys.



**or**

**Enter a stored call number:**

Enter a stored number, e.g. by pressing a destination key.



**Note:**

You must dial an external line code before you can enter an external call number.

## Activate dialing

Enter a call number.  
You have three options.



Lift the handset. The specified call number is dialed. You can use your phone as usual when the other party answers.

**or**



Press the “Monitor” key.  
The specified call number is dialed.  
The symbol to the left appears on the display.

When the other party answers, lift the handset to talk to this party.

**Cancel:**

Press the “Release” key or “Monitor” key



or



**or**



Press the “Handsfree” key.  
The specified call number is dialed.  
The symbol to the left appears on the display.

When the other party answers, you can talk to this party without lifting the handset.

**Cancel:**

Press the “Release” key or “Handsfree” key.



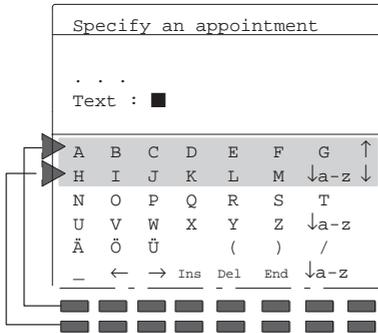
or



**Basic operating rules ►**

You can enter texts in the telephone book using the softkeys. You can then search for the name of a subscriber and the respective call number in the telephone book.

**Entering text (Example: text for appointment)**

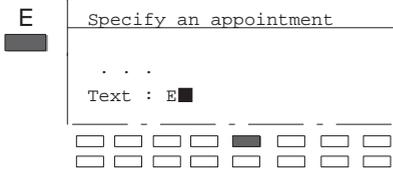


Enter a short note after "Text". This note will be displayed when the appointment is signaled.

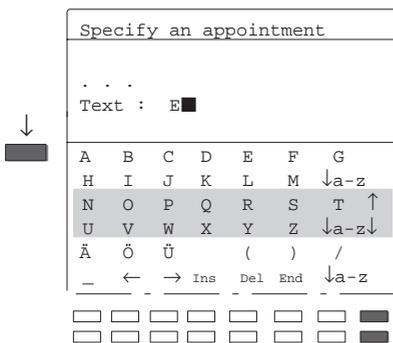
You can only type in the letters with a grey background using the corresponding softkeys.

Move the grey bar up or down to change the allocation of the softkeys.

To do this, use the softkeys "↑" or "↓".



E.g. to enter the word "EVEN":  
Press the corresponding softkey to enter the letter "E", shown here as key "E".



Move the grey bar up or down to change the allocation of the softkeys. To do this, use the softkeys "↑" or "↓".

Enter the remaining letters.

Specify an appointment
. . .
Text : EVEN■

The text is shown on the display.

↓

Specify an appointment
. . .
Text : EVEN■
A B C D E F G
H I J K L M ↓a-z
N O P Q R S T ↑
U V W X Y Z ↓a-z↓
Ä Ö Ü ( ) /
_ ← → Ins Del End ↓a-z

↓a-z

**Note:**

Additional rows of letters appear when you move the grey bar up or down using the „↑“ or „↓“ softkeys.

Press the softkey „↓a-z“ to switch from upper to lower case and vice versa.

↓

Specify an appointment
. . .
Text : EVE■
A B C D E F G
H I J K L M ↓a-z
N O P Q R S T ↑
U V W X Y Z ↓a-z↓
Ä Ö Ü ( ) /
_ ← → Ins Del End ↓a-z

←

**If you make a mistake:**

Use the softkeys „←“ and „→“ to move the cursor to the letter you wish to change. Enter the correct letter. The incorrect letter is overwritten.

Ins

**Inserting letters:**

Move the cursor to the letter in front of which you wish to insert an additional letter and press the “Ins” softkey. You can now insert letters.

Del

**Deleting letters:**

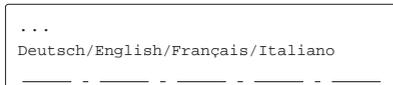
Move the cursor to the letter you wish to delete and press the “Del” softkey. The letter is then deleted.

Familiarize yourself with your phone

## Putting the telephone into operation

**Select language:** Before being able to use your telephone you must first define the language for the display texts and minimail messages.

### Select language for display and minimail



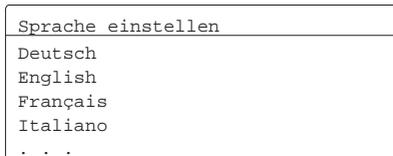
...  
Deutsch/English/Français/Italiano  
-----

In the idle display you will see the following message.



Deutsch/English/Français/Italiano

Highlight the line and press the "Enter" key.



Sprache einstellen  
Deutsch  
English  
Français  
Italiano  
.....

The display shows you the languages which are available.

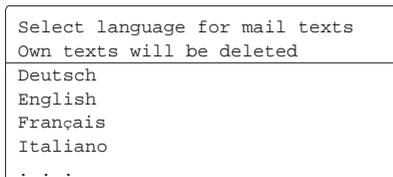


English



Select the language for the display texts.

Confirm your selection. The display texts will appear in the selected language.



Select language for mail texts  
Own texts will be deleted  
Deutsch  
English  
Français  
Italiano  
.....

The display now shows the languages available for minimail texts.



English



Select the desired language for minimail.

Confirm your selection. The minimail texts will appear in the selected language.

### Note:

You can change the language later on at any time. For more information please refer to chapter "Specifying audio, contrast and language".

## Making a standard call

You can of course use your phone to make standard calls as you would with any other telephone.

Internal: Dial the desired number directly.

External: Dial the external line code of your system (e.g. "0") first.

### Making calls



Dial call number – by either entering each digit separately

**or**

pressing a destination key.

Judy



The number is shown on the display. You can enter and correct digits if necessary.

*Dialing.* The call number is dialed.



The display indicates whether the other party is free. If the called party answers, you can carry on a conversation as usual.

### Redialing a call number



Press the "Redial" key. You can redial the last five numbers you dialed very easily.



The last number dialed is displayed on the screen. To display another previously dialed number, select the menu item "Next entry" or press the "Redial" key once more. If you have assigned a line, all entries with digit, destination and partner keys will be entered in the redial memory.

*Dialing.* The displayed number is dialed.



Delayed redial

**If busy:**

Select menu item “Delayed redial”. The number is redialed up to nine times at 30-second intervals.

**Cancel:**

Press the “Release” key. This terminates automatic redial.



**Receiving calls**



Your telephone rings as usual when someone calls you, and the LED beside the keypad flashes.

Call 5594 Miller

The call number and the name of the calling party (if applicable) are displayed on the screen if the call is internal or set up via ISDN.



Lift the handset and make your call as usual.

**Letting someone in the room listen in**



Press the „Monitor“ key. This turns on the loudspeaker. Inform the other party that someone else is listening. In addition, the other party will hear two short beeps.

**Deactivating monitoring:**

Press the “Monitor” key once more.



**Note:**

You can also press the “Handsfree” key. If you choose to do so, the microphone is also activated and you can use the phone with the handset on-hook.

or



## Dialing a call number from the telephone book

You can store up to 300 numbers in the electronic telephone book of your telephone. If you wish to make a call, you can have the name or number displayed on the screen or search through the entire telephone book.

### Dialing a number stored in the telephone book



Press the “Telephone book” key. This calls up the electronic telephone book.

Local phone book	
Search:	█
-----	

The input mask is displayed. You can now search for the desired entry (to save entries, see the chapter “Storing call numbers in the telephone book”, → Page 59).

Main telephone book (☐):

If you would like to use the “Continue” display key with the main telephone book (METB), you can have this feature set up by your Bosch Service.

e.g. N █

Enter the search string, e.g. the first letter of the name.

Local phone book	
Search:	N█
Nail	1234
Newman	4321
Nobody	5678
-----	

The display contains all entries that begin with this letter.

**Note:**

If a large number of entries begin with the letter “N”, you can limit the search: Enter a string of consecutive letters for the desired name.



If you enter a star at the beginning of the string, you can also enter a part of the code or call number.

if req. ↓ █

Select the desired subscriber.



*Dial.* The selected call number is dialed.

If the called party answers, you can have a conversation as usual.

**Note:**

To select an entry from a specific list in your private telephone book, press the “List” softkey instead of the first letter of the name. You can now select the desired list.

## Dialing a call number from the call list

If you do not to answer a call—because you are not there or currently busy—the date and time are saved in the call list. You can display this list at any time and return calls to the subscribers entered in it. The list shows the 10 most recent entries.

### Dialing a number from the call list

```
Telephone status
New entry in call list
```

```
New entry in call list
```

```
Call list 8 Entries
Smith Robert    11.11 13:05 +3>
00691234567    10.11 12:05 1>
Mayer          11:55 10.11 1
No call number 09.11 08:25 1
...
```

```
Smith Robert 11.11 13:05 +3>
```

```
Entry of: 13:05 11.11.94
No.: 3751
Name : Smith Robert    Amount: 3
Diverted from: 3710
```



```
Connection 3751 Smith Robert
Call list: 11.07.96 13:05
...
```

The idle display contains the message “New entry in call list”.

Highlight the line and press the “Enter” key.

The current entries are displayed.

If the name of the caller is known, the system enters it in the call list; otherwise, the call number.

Select the caller, e.g. Mr. Smith, if you want to know more about the entry.

Additional information about this entry is displayed on the screen.

Someone called three times in vain. The call came from extension 3710.

### Call back subscriber:

*Dialing.* The call number of the selected subscriber is dialed automatically. If the party answers, you can make your call as usual.

While you are calling back the subscriber the date and time of his last call are shown on the display.

### Note:

The call list entry is automatically deleted as soon as you have called back.

The message “New entry in call list” continues to be displayed in the idle display until you have scrolled through all new entries.

**Dialing a call number from the call list ◀**

While calling somebody the date and time of the last call received by this person are shown on the display.

The message "New entry in call list" continues to be displayed until you have paged through all new entries.

**Store call number in the telephone book**

- Select the desired entry from the call list as described before.

Reallocate to telephone book

Select the option "Reallocate to telephone book" to store the entry in the telephone book.

The call number is thus stored in the telephone book.

**Note:**

If you wish, you can complete or modify the entry in the telephone book later on. For more information please refer to the chapter "Store call numbers in the telephone book".

**Symbols in the call list**

No call number	Call without call number
+	Call was not yet viewed
n	Number of calls by the subscriber
>	Diverted call
*	Call with message (VIP number)

## Making calls

### Sending messages (Minimail)

You can send short texts to one or several destinations. There are 10 texts you can choose from:

- 7 predefined texts which you can modify or complete,
- 3 texts which you can enter yourself.

#### Send minimail

Send Minimail

Select the "Messages:" menu item and then "Send Minimail".

```
Choose with enter
Tel.conf. 00:00 00.00
Meeting 00:00 00.00
Meeting rescheduled
Dictation please!
Call a taxi please!
0 cup(s) of tea!
0 cup(s) of coffee!
```

A list of predefined texts appears on the display.



Enter the required digits in the text you wish to send as a minimail (e.g. time, date or room number).



or



#### Correct:

Move the selector bar to the next line and back again. You can now overwrite the entry.



Press the "Enter" key to select the text you wish to send.

```
Send Minimail
Subscriber1+ 1234
Subscriber2 3456
Subscriber3
Subscriber4
Subscriber5
```

The display shows a list of the subscribers you can select as destinations.



Select one or several subscribers. "+" indicates that the subscriber has been selected.

if req.



Enter new subscribers if required.



Page down through all subscribers.

**Sending messages (Minimail) ►**

If required you can delete specific subscribers from the list by means of the "Correct" key.

Your minimail can only be received by telephones with the current software.

Send Minimail

Select the "Send Minimail" menu item.



The message is sent once you press the "Enter" key.

You can see in the display whether the message has been transferred successfully:

„?“: The message is on its way.

„+“: The message has been received.

„-“: The subscriber is not available.

Send Minimail to all

**Send minimail to all subscribers:**

Select the corresponding menu item if you wish to send a minimail to all subscribers in the list.

**Note:**

The minimail is not forwarded if the selected subscriber has activated a call diversion. In this case "–" will appear next to the corresponding call number.

This means that the subscriber has not received your minimail.

**Change language:**

You can select the language of the predefined minimail texts. The texts are available in English, French, German and Italian.

Please find more details in the chapter "Specifying audio, contrast and language" (→ p. 87f.).

### Change minimail texts

Send Minimail

Choose with enter							
Tel.conf. 00:00 00.00							
Meeting 00:00 00.00							
Meeting rescheduled							
Dictation please!							
A	B	C	D	E	F	G	↑
H	I	J	K	L	M	↓a-z	↓
N	O	P	Q	R	S	T	
U	V	W	X	Y	Z	↓a-z	
Ä	Ö	Ü	(	)	/		
-	←	→	Ins	Del	End	↓a-z	

Select the “Messages:” menu item and then “Send Minimail”, and scroll down through all of the texts.

A list of texts you can modify will appear on the display.



Choose the required text.

You can now modify or overwrite the text. Moreover, there are three lines for your own texts.



Confirm your entry.

The modified texts have thus been stored. You can now send them as minimail as described above.

## Recording call charges for projects

Your telephone system can record and calculate call charges for single projects or private calls. To be able to use this function, you must be cleared in the system. You must enter the corresponding project code or the code for private calls in front of an external call number, which you select from your telephone.

### Selecting dial call number with the project number

e.g. 

Enter the special exchange code number which has been set up in your telephone system for dialing, e. g. "1".

This exchange code number can have 1 to 5 digits.

e.g.    

Enter the code which has been set up in your telephone system for the corresponding project, e. g. "3433".

This code can have 1 to 9 digits.

A star "\*" appears in the display for every number.



Select the desired call number and proceed to telephone as usual.

The charges for this call will now be recorded and calculated in the system with the corresponding project code.

#### Note:

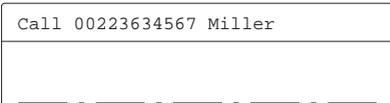
Neither the exchange code number nor the project code will be entered into the redial memory. You must enter the number anew everytime.

Even if you want to call back a call number from the calling list with a project code, you must enter the exchange code number and the project code in the calling list display manually.

## Answering calls

You can lift the handset as usual to speak to the caller. You can also answer calls by pressing the “Handsfree” key and leaving the handset on-hook.

### Incoming call

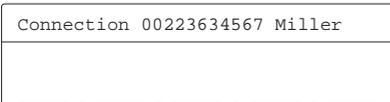


Your telephone rings and the LED beside the handset flashes.

The corresponding message appears on the display.

The name of the caller is displayed if it is transmitted by the caller’s system. If it is not transmitted, the system enters the name if it is stored with the corresponding number in the telephone book.

Lift the handset to answer the call. You are now connected to the calling party.



The connection is shown on the display.

**Note:**

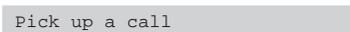
Any call that you do not answer is stored in the call list (→ p. 28).

### Another party is called (pick up a call)

You can also answer calls for other subscribers within your telephone system on your phone.



When the other terminal rings, enter the respective call number or press the corresponding destination key.



Select the menu item “Pick up a call”. This diverts the call to your telephone.

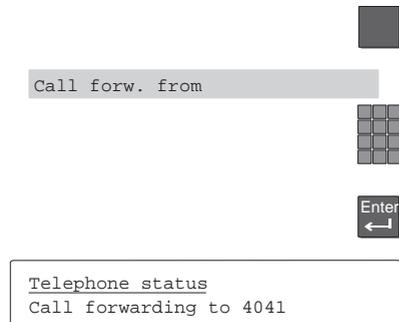


The call is signaled on your phone as described above. You can now answer it.

## Requesting info message

If voicemail is set up in your system, callers can leave info messages for you just like on an answering machine. You can request these info messages by calling.

### Forwarding all calls to the voicemail



Press F2 function key “Call forwarding”.

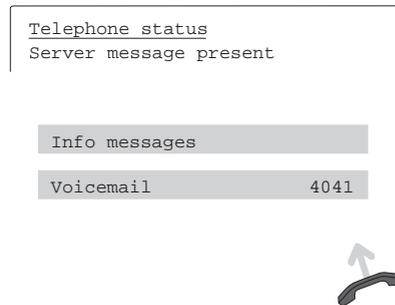
Select the menu item “Call forwarding to”.

Enter the internal call number which has been set up in your telephone system for the voicemail, e.g. 4041.

Press the “Enter” key to activate call forwarding onto the speech memory.

The status window shows the message: “Call forwarding to 4041”. All calls will now be diverted to the speech memory.

### Listening to info messages



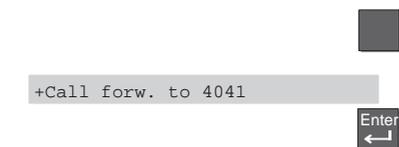
The “Server message is present” message is shown in the standby display. There is a message for you in voicemail.

Select the desired menu item to listen to the message.

Info messages will be displayed with the call number of the voicemail.

*Number to be dialed.* You will be led through voicemail mode.

### Removing call forwarding to voicemail



Press F2 function key “Call forwarding”.

Tag the desired call forwarding (e.g. 4041).

Press the “Enter” key.

Call forwarding to the voicemail in now switched off.

## Picking up messages

If a voice mail system is connected to your telephone system, you can pick up messages by means of a call.

### Listening to messages

```
Telephone status
Server message present
```

```
Messages
```

```
Voice mail 123456
```



The idle display contains the message “Server message present”.

Select the desired menu item to listen to messages.

Messages are displayed with the call number of the voice mailbox.

*Dialing.* You are given instructions concerning the operation of the voice mail system.

## Store all callers (Talk list)

The talk list stores the call numbers of all subscribers who called you and who you actually talked to (max. 10). The most recent entry always appears first in the list. You can select specific numbers and dial them directly from the list if required. Call numbers in the talk list can easily be stored in the telephone book.

### Display talk list and dial

Display talk list

```
Entry of: 14.05.96 09:04
No.:      00691234567
Name :    Jones
-----
```

Dial

Select the menu item.  
The talk list will appear on the display.  
Select the desired entry.

Select the menu item "Dial" to dial the number.

#### Note:

You can delete entries from the talk list at any time.

### Reallocate call number to the telephone book

- Select the desired entry as described above.

Reallocate to telephone book

Select the option "Reallocate to telephone book" in order to store the call number in the telephone book.

The call number is thus stored in the telephone book.

### Deactivate talk list

Setting the telephone

```
Setting the telephone
. . .
Talk list                Off
. . .
-----
```

In case you do not wish to use the talk list you can deactivate it.

Select the option "Setting the telephone".

Select the option "Talk list" and set it to "Off".

The talk list has been deactivated. The current status is displayed.

#### Reactivate talk list:

Set the option "Talk list" back to "On".

## Receiving minimail (Mailbox)

The mailbox is a call list for texts where callers can leave up to 10 short minimails. The display will show you if you have received a new minimail.

### View mailbox

```
...
New Mailbox entry
-----
```

New Mailbox entry

```
Entry of: 14.05.96 09:04
No.:      4567
Name :    Jones
Call a taxi please!
-----
```

Next entry

Delete

Delete all entries

Mailbox

In the idle display the message shown to the left appears. You have received a message by minimail.

Highlight the line and press the "Enter" key. The mailbox will appear on the display.

Select the desired entry.

The message as well as the call number and name of the sender are shown on the display.

#### Scroll through entries:

Select the option "Next entry". The next entry is displayed.

#### Delete entry:

Select the option "Delete". The entry is deleted and the next entry will be displayed automatically.

#### Delete all entries:

Select the option "Delete all entries". The contents of the mailbox will be deleted.

#### Note:

Even if there is no new message you can open the mailbox at any time. To do this, select the "Messages:" menu item and then "Mailbox".

## Monitoring

You can listen to the caller through the loudspeaker on your phone.

### Hearing the caller through the loudspeaker (Call monitoring)



You are on the phone.



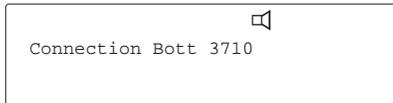
Press the “Monitor” key to activate the loudspeaker.

You and the caller will hear two short signal tones. These tones let the caller know that you have activated “Call monitoring”.

**Note:**

Always tell your caller that you have activated call monitoring!

You then hear the caller through the loudspeaker. A small loudspeaker symbol appears in the first line of the display.



**Deactivating:**

Press the “Monitor” key again to deactivate the loudspeaker.

## Handsfree

You can listen to a caller through the loudspeaker, as well as make calls when the handset is on-hook.

During the call, you can adjust the loudspeaker volume and the handsfree sensitivity.

### Phoning with handset on-hook (Handsfree)



You are making a call.



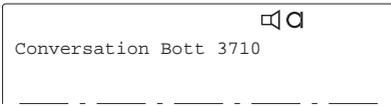
Press “Handsfree” key.

You and your call partner hear two short signals. These tones signal to your call partner that you have turned on “Handsfree calling”.

**Note:**

Inform the person you are talking to when you switch to handsfree mode!

You hear the person you are talking to loudly in the room and can speak to him with the handset on-hook. A loudspeaker symbol and a microphone signal appear in the first display line.



**Ending the call:**

Press “Handsfree” key.

**Switching off handsfree calling:**

If you want to continue the call with the handset: Lift the receiver.



### Taking a call with handset on-hook



Your telephone rings.



Press the key “Handsfree calling”.

You are connected to your call partner and can speak to him with handset on-hook as described above.

### Dialing a call number with handset on-hook



and



Enter the desired call number and press the “Handsfree” key.

The call number will be selected and you can telephone with handset on-hook.

### Important information for handsfree calling

Do not install the telephone in bare, echoing rooms.

Make sure that the handsfree microphone on the underside of the telephone is not obstructed. For example, do not place your telephone on a soft surface into which it could sink.

Handsfree calls can be impaired if

- the background noises in the room are too loud,
- the transmission paths are highly attenuated (this can for example arise with analog external links),
- with long-distance connections a strong line echo is produced.



In this event lift the handset and thus continue your call without disturbance.

### The person who is speaking cannot hear the other party

Speak in turns and let the other party finish before starting to talk. Otherwise you may miss parts of the conversation. Your telephone always connects the direction producing the strongest acoustic signals. The other direction is attenuated.

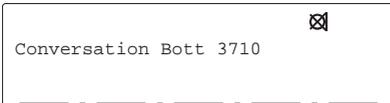
## During a call

Handsfree ►

You can change the parameters during a call, in order to find the ideal settings for your workplace. These settings are only sustained during the of time of the call.

### Switching off microphone

Microphone On/Off



Microphone On/Off

Select the menu item "Microphone On/Off".

The corresponding symbol appears in the first display line for confirmation. Your partner cannot hear what is being said in your room.

#### Switching on microphone again:

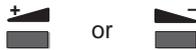
Selecting the menu item "Microphone Off/On" again.

The symbol in the display disappears.

### Changing the settings during a call



You are making a call in handsfree mode.



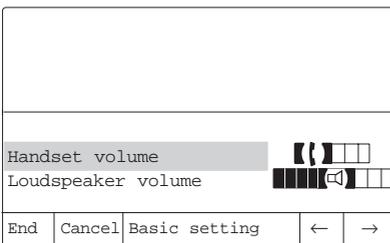
Press "Volume control higher" or "Volume control lower" display key. The volume of the loudspeaker will immediately be changed.

or

Select the "Adjust volume" menu item. (Only in simple mode.)

The current settings are displayed. Select the smallest possible setting for the loudspeaker volume. Handsfree talking then functions at its best.

Adjust volume



End

Press the display key "End" to conclude the procedure.

The setting is now changed for the length of the call.

## Setting handsfree calling

Setting handsfree calling

```

"Office normal, telephone loudspeaker
"Office attenuated, tel. loudsp.
"Office liven, telephone loudspeaker
"Office normal, auxiliary loudspeaker

```

Select menu item "Setting handsfree calling".

The current setting is tagged.

Select one of the following four settings for handsfree calling:

- "Office normal, telephone loudspeaker"
- "Office attenuated, telephone loudsp."
- "Office liven, telephone loudspeaker"
- "Office normal, auxiliary loudspeaker"

**Note:**

The "Office normal, auxiliary loudspeaker" is exclusively for handsfree calls with auxiliary loudspeaker (□).



Scroll to the desired setting to adjust handsfree calling to your surroundings.



Press the "Enter" key to store the new setting. The setting is now changed during of the call.

## Setting acoustics+contrast

**Note:**

You can only change the permanent settings which are valid for every call when your telephone is not being used. You will find more information about this in the Chapter "Setting acoustics and contrast" (p. 84).

During a call

## Deactivating the call number and charge display

The charge display is automatically suppressed when you deactivate the display of the call number or name of the subscriber you are talking to.

### Deactivating the call number and charge display



You are making a call.

```
Connection Bott 3710      0.30
```

You may now deactivate the call number and name display.

```
Call number display On/Off
```

Select the menu item "Call number display On/Off".

```
Connection
```

The call number and name of your partner will no longer be displayed and the charge display is deactivated. However, the call charges continue to be counted internally.

**Reactivate:**

Select the menu item "Call number display On/Off" again.

## Temporary switchover to DTMF

While you are making a call you can temporarily switch the dialing method to DTMF (tone dialing). All keystrokes are then transmitted in the form of tones. This permits, for example, remote control of an answering machine.

### Switchover to DTMF



You are making a call.

Subsequent tone dialing (DTMF)

Select the option "Subsequent tone dialing (DTMF)".

Connection 00691234567 Burton  
DTMF: \_\_\_\_\_

You can now enter the desired digits. All keys (0 to 9, star and hash) are transmitted in the form of tones.

Subsequent tone dialing off

#### Switch back to pulse dialing:

Select the option "Subsequent tone dialing off". The dialing method is switched back to pulse dialing.

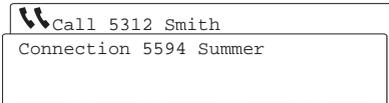
#### Note:

The dialing method is automatically switched back when you replace the handset or end the call by pressing the "Release" key.

## Additional call during an existing call

You can answer or reject an additional call during an existing call. If you do not want to be disturbed by additional calls, you can deactivate a second call during an ongoing call or while the phone is idle.

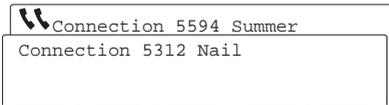
### Answering an additional call



You receive a second call while talking to another party. You hear a special alerting tone.



Press the function key F1 "Interchange".



You are now connected to the calling party. The first partner waits and cannot hear your other conversation.

You may now:

- toggle between the two partners (→ p. 48),
- transfer the call (→ p. 47).

### Rejecting an additional call

Refuse call

Select the menu item "Refuse call".  
The caller hears the busy signal.

**Note:**

Activate "Second call off" if you do not want to receive an additional call.

### Permanently refusing an additional call

Second call On

Select the menu item "Second call On" from the "Setting the telephone" menu and set it to "Off". This permanently activates the "No knocking" function, and all additional callers hear the busy tone. Anyone who attempts to reach you while this function is enabled is entered in the call list.

**Deactivate:**

Set the menu item "Second call" back to "On".

Second call Off

**Note:**

Further information on how to activate and deactivate knocking prevention in idle mode may be found in the chapter "Setting the telephone" on p. 75.

## Several calls simultaneously

You can alternate between conversations with several callers. You can switch back and forth among these parties as desired.

Connections to a maximum of four parties can be established simultaneously.

### Initiating refer-back



R

You are making a call. Initiate a consultation using the “Refer-back” key .  
(Return: “Release” key).

Summ

Enter the number you wish to consult, e.g. using a destination key.

R connection 5312 Nail
Connection 5594 Summer
-----

You can now talk to the consulted party.  
The first partner is put on hold.

#### Note:

You can set your phone in such a way that only the destination or partner key of the subscriber you wish to consult must be pressed for refer-back. The subscriber is called immediately without having to press the “Refer-back” key (→ p. 75).

### toggling between the first party and the consulted party

R

Press the “Refer-back” key to toggle between the two parties.

R connection Summer
Connection 5312 Nail
-----

End current call:

Press the “Release” key. You are automatically connected to the waiting subscriber.

#### Transferring a call:

Replace the handset. The two parties are connected to each other.



#### Note:

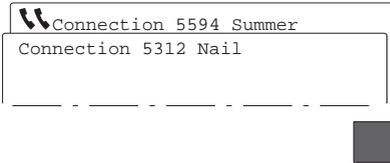
You cannot directly connect an additional caller to your first partner.

You cannot set up additional refer-back calls for an ongoing refer-back.

### Several calls simultaneously ►

You can adjust the volume and handsfree settings for each connection separately. On switching over to another connection the settings for each connection remain unchanged.

### Toggleing between the first party and an additional caller



You have accepted an additional call while talking to the first partner.

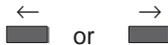
To toggle between these two calls:  
Press the function key F1 "Interchange".

**Note:**

Refer-back is possible for both of these calls.

### Adjust volume and handsfree for each connection

Adjust volume



You are making a call. Select the desired option in order to change the settings for the current connection.

Set the desired values by means of the corresponding softkeys.

The following settings can be changed:

- Volume for handset and loudspeaker
- Handsfree
- Sensitivity for sending and receiving (if enabled)

End



Press the "End" softkey to confirm your setting.

The setting remains unchanged during the current connection.

On toggling between several calls, each call is continued with the individual settings.

**Note:**

The permanent setting can only be changed when the telephone is in the idle state. Please find more details in the chapter „Specifying audio, contrast and language“.

Adjust audio+contrast setting

Several calls simultaneously ►

During a call you can answer an additional call and transfer it to another extension within your telephone system. Afterwards you are automatically connected to your first call again.

**Transfer additional call**

```

Call 5312 Nail
Connection 5594 Summer
    
```

While you are making a call you receive an additional call. You will hear an attention tone.



Press function key F1 "Interchange".

```

Connection 5594 Summer
Connection 5312 Nail
    
```

You are connected to the caller. The first partner is waiting and cannot hear your conversation.



**To transfer the additional call:**

Press the "Refer-back" key to prepare the transfer.



Enter the number of the extension to which you wish to transfer the call, e.g. by pressing a destination key.

```

Connection 5594 Summer
R Connection 5312 Nail
Connection 5234 Winter
    
```

Announce the call. Your first partner is still waiting.

Transfer call

**Transfer call:**

Select the option "Transfer call". Both parties are connected to each other and you can continue your first conversation.

## During a call

### Several calls simultaneously ►

Conference: You can speak to a consulted party and your first partner simultaneously.

You can put one conference party on hold temporarily if you wish to speak to the other party alone.

### Talking to two parties simultaneously (Conference)

**R**

You are making a call. Initiate consultation using the “Refer-back” key.

```
R Connection 5312 Nail
Dialing 5594
```

Enter the number of the second conference party.

```
R Connection 5312 Nail
Connection 5594 Summer
```

You can initiate the conference call as soon as you are connected to both parties.

Conference

Select the “Conference” menu item to speak with both parties simultaneously.

```
Conference 5312 Nail
R Conference 5594 Summer
```

The conference is shown on the display. All parties involved can speak to each other directly.

### Speaking to one conference party only

Interchange conference partners

Select this menu item to move the conference party with which you wish to speak into the front window.

**R**

Press the “Refer-back” key.

```
R Connection 5594 Summer
Connection 5312 Nail
```

You can now speak to the specified party alone. The other conference party is put on hold.

Conference

When you want to speak with both parties again, select the “Conference” menu item.

**Several calls simultaneously** ◀

You can withdraw from the conference call and simultaneously connect the other two parties with each other.

You can set up a conference call with both external and internal parties.

**Terminating a conference call**

Press the “Release” key. This terminates the conference call.

**Connecting conference partners to each other**

Replace the handset. You have withdrawn from the conference call. The two remaining conference parties are now connected with each other.

**Blocking out one conference party**

Interchange conference partners

If necessary select this menu item to move the conference party that you wish to block out into the front window.



and



Press the “Refer-back” key and then “Release”.

The selected party is now blocked out of the conference call and no longer participates in the conversation.

## Overview of partner functions

Your BOSCH TELECOM service representative can connect up to 8 telephones of your system to form a partner group. A number of functions are particularly easy to use within this partner group.

The display provides you with information on the activities of every partner.

### Important note

It is possible that your telephone is set up for **Multiline** instead of for partner functions. If this is the case, then the partner functions are not available. Please contact the Bosch Service if you have any questions.

### Information on the partner display

- ▶ Partner has activated partner diversion.
- ◀ Partner diversion to this partner has been activated.
- ◀◀ Partner display or partner beep is active.  
or This symbol only appears while you are setting up the partner beep!
- ◀ Select ◀◀ if you prefer normal ringing or ◀ if you prefer the alerting tone.
- 🔔 flashes alternately with partner display: Partner is called.
- 🔔 ◀ flashes alternately with partner display: Partner to whom partner diversion has been activated is called.
- 🔔🔔 flashes alternately with partner display: Partner is called by two different parties simultaneously.
- 📞 Partner is making a call.
- 🔔📞 flashes alternately with partner display: Partner is busy and receives additional call.

### Activating the partner beep

Partners

Select the "Further functions:" menu item and then "Partners".

Set partner beep

Select the "Set partner beep" menu item to activate the partner beep.

Mill  
e.g. ■■■■

Press the desired partner key. Calls for this partner will now also be signaled at your telephone.

**Overview of partner functions** ◀

You can assign your partners to any destination keys. If you do not want information on the phone activities of certain partners, you can deactivate their display.

**Moving a partner to another destination key**

Partners

Set partner position



Select the desired menu item in the “Further functions:” submenu.

Press the corresponding partner keys:  
X: Partner that is to be moved to another key.

Y: Partner or destination key that is to be programmed.

The partner is assigned to a new key.

**Assigning partners to the DSS module** □

Partners

Partner on the DSS module

Select the desired menu item. Your partners are transferred to the upper row of keys on the DSS module in the current sequence. The red LED on the DSS module informs you of the status.

on: busy

flashes slowly: call

flashes quickly: second call

All destinations stored on the keys of the DSS module are deactivated as long as they are used as partner keys.

**Deactivating the partner display**

Partners

Set partner display

e.g. Mill  


Select the desired menu item.

Press the desired partner key (can be more than one). The black triangle will disappear.

e.g. Mill  


**Activate partner display:**

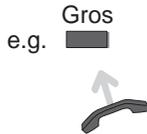
Press the partner key again.

Using the phone in a partner group

## Using the phone in a partner group

You can call a partner or pick up a call for one of your partners by simply pressing a button. You can divert calls from any partner phone to all other partner phones quickly and easily. You can have calls to one of your partners simultaneously signaled on your phone (partner beep).

### Calling partners



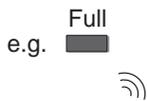
Press the desired partner key.

*Dial.* The call number is dialed.

### Answering a call for a partner

Gros	Mill	Summ		
Math	Bond	Tayl	Full	

A partner phone rings. The corresponding partner display flashes.



Press the partner key.

The call is diverted to your phone. It rings. You can now accept the call.

### Preparing call diversions from one partner to another

Partners

Call up the main partner menu.



Press the desired partner key: first the partner for whom you are setting up the diversion, then the partner to whom calls are to be diverted.

Store

Select "Store". This sets up the partner diversion on the telephone. You can activate it at any time.

### Activating and deactivating call diversions

Partner diversion On

Select the menu item "Partner diversion on". The partner diversion is now active.

Gros	Mill	Summ		
Math	Bond	Tayl	Full	

Partner diversion Off

**Deactivating:**  
Select the desired menu item.

## Setting up partner groups

Your BOSCH TELECOM service representative can connect extensions in your system to form groups. You can choose up to 16 of these group extensions to create your own partner group. You can also restrict the display of the status of your phone on the phones of your partners.

### Creating a partner group

Partners

Expand partner group



#### Note:

The call numbers of the extensions in the partner group must be set up by your BOSCH TELECOM service representative.

Select the menu item "Partner".

Select the menu item "Expand partner group" to create the partner group.

Enter the call number of the extension that you wish to add to your partner group (can be more than one).

Confirm your entry.

### Reduce partner group

Partners

Reduce partner group

Völl



Select the "Partners" menu item.

Select the "Reduce partner group" menu.

Press the key assigned to the partner whom you would like to remove from the group.

Press the Enter key.

### Restrict partner signaling

Partners

Restrict signaling

**Note:**

This function must be enabled by your BOSCH TELECOM service representative.

Select the menu item "Partner".

Select the menu item "Restrict signaling" to suppress the display of call modes on the phones of your partners.

Your partners can no longer see whether you are telephoning, receiving an incoming call or whether a call diversion to your phone has been activated, etc.

### Allowing partner signaling

Allow signaling

Select the "Allow signaling" menu.

The partners can now see in their displays whether you are making a call, being called, using call diversion, etc.

## Connection for partner

Within a partner group you can complete an exchange connection for a partner telephone using your telephone. For example, a secretary can occupy an exchange line for her boss. For this, the secretary must have a “boss line” function key set up on her telephone.

### Assigning an exchange line for partner

BLIN



Press the “Boss line” function key.

```

Telephone status
Actuate partner key X
-----
    
```

This message appears in your display.

PA01

e.g. 

On your telephone, press the key of the partner for whom you wish to assign an exchange line, e.g. “Partner 01”.

```

Telephone status
Assign line for PA01
-----
    
```

The exchange line for the partner telephone is now assigned.

```

Telephone status
Line assigned
-----
    
```

#### On partner telephone:

The “Line assigned” status message appears on the partner telephone display. The partner can now select an external call number or you can complete a connection for him.

### Completing connection for partner

```

Telephone status
Assign line for PA01
-----
    
```

You have assigned an exchange line for a partner telephone and wish to complete a connection for this partner.



Dial the desired call number on your telephone.



e.g. 

If the person you are calling answers: Press the “Refer-back” key and then the partner key, e. g. “Partner 01”.



#### Connecting partner:

Replace the handset. The partner is now connected to the external call partner. Your own telephone is now free.

Setting up the telephone for your own specific needs

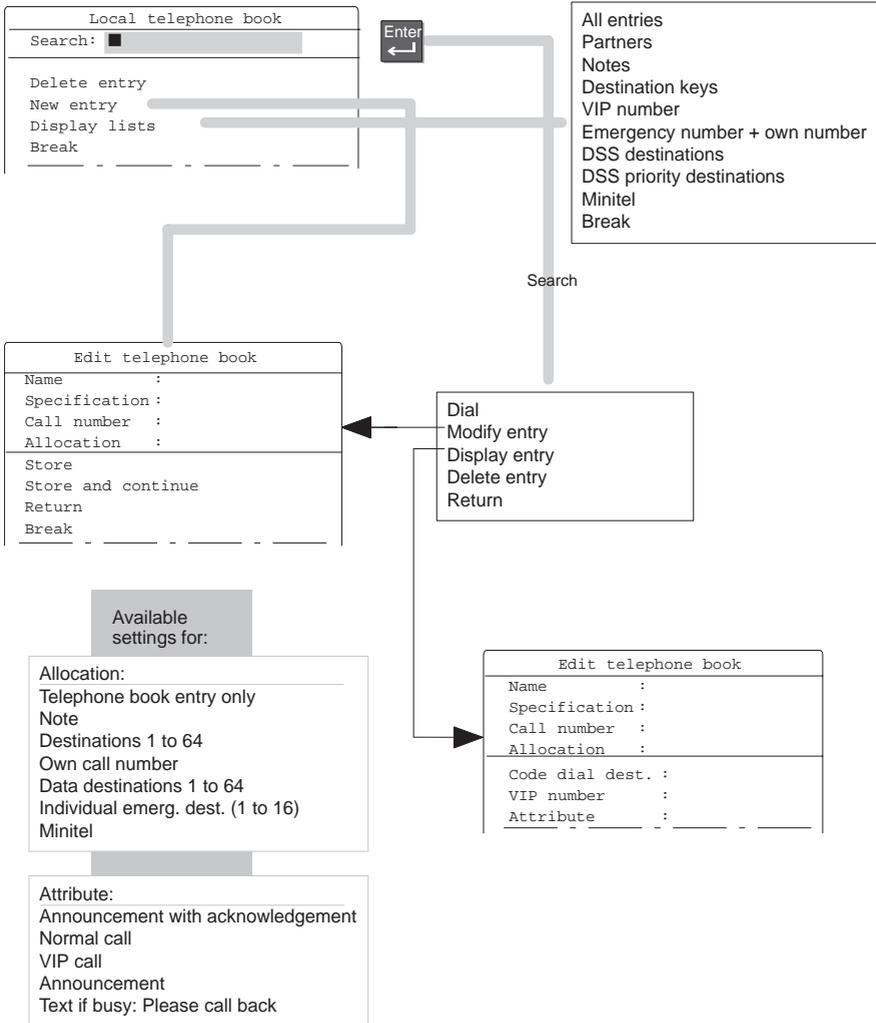
## Call numbers in the telephone book – overview

You can store all call numbers and destination key assignments in your local telephone book. In addition, you can tag entries, e.g. for data connections or the VIP function. Use the arrow keys to scroll through the menu items. Press the “Enter” key to change a particular setting.

### A summary of the menus and settings



Press the “Telephone book” key to call up your electronic telephone book.



## Storing call numbers in the telephone book

You can store any call number (max. 300) in your local telephone book. Also, during a call you can store the call number of the party you are talking to as a note.

### Entering new call numbers



Call up the telephone book.

Edit



Press the "Edit" softkey to enter a new call number.

```

Edit telephone book
Name      : █
Call number:
Specification:
Allocation:Telephone book entry only
-----
```

End



Yes

Enter the desired information for this subscriber:

- Name (max. 18 characters),
- Call number (max. 24 characters),
- Specification, e.g. for department etc. (max. 8 characters).

Press the "End" softkey to end the input.

Store the entry. The call number is now stored in the telephone book.

### Storing call number as notes



You are making a call and want to take down the call number of the subscriber you are talking to.

•••

Enter the call number in the telephone book during the call as described above.

Select "Allocation".

Default setting: "Telephone book entry only".

Select "Note" to enter the call number as a note.

Confirm by means of "Assign".

Page down several times until "End" appears on the display and end the input process.

Store the entry. The call number is now stored. Later on you can display a list of all notes.

Allocation:Telephone book entry only

Note

Assign

End

Store

### Storing call numbers in the telephone book ►

You can store frequently used call numbers on destination keys. These call numbers are automatically stored in the telephone book.

#### Store call number directly on a destination key

**Note:**

The second level of destination keys is reserved for functions. Call numbers cannot be stored here.

if req. 

If necessary change the destination key level until a free destination key appears on the display.



Press the desired destination key.

Edit

Select "Edit" in the menu to enter the call number in your telephone book.

Edit telephone book	
Name :	█
Call number :	
Specification:	
Allocation :	Destinations 1 to 64
-----	

Enter the data for a subscriber:

- Name (max. 18 digits),
- Call number (max. 24 digits),
- Specification e.g. for department or similar (max. 8 digits).
- Allocation (Destinations 1 to 64)

End

Press the softkey "End" to end the input process.



Yes

Store the entry. The call number is now stored on the selected destination key.

**Note:**

If a destination key has already been programmed you can overwrite the current contents with a new one.

This is not possible if the function "Direct dialing of destinations" is active.

## Storing call numbers in the telephone book ►

You can store call numbers directly under a destination key. This can be accomplished in two ways.

### Storing a call number in your telephone book on a destination key

- Enter the new call number or open the desired entry in your telephone book.
  - Allocation: Telephonebookentryonly Select the menu item "Allocation". The default is "Telephone book entry only". You can now decide which attribute is to be allocated to the call number.
  - Destination 1 to 64 Select "Destination 1 to 64" to store the call number on a destination key.
  - if req. →• Change the destination key level, if necessary. You may only select level 1, 3, 4 or 5, as level 2 is reserved for functions.
  - Press the destination key this number is to be assigned to.
- Note:**  
If the destination key has already been programmed, the previous contents will be overwritten when the new number is saved. The previous number is then stored as a "Telephone book entry".
- Confirm your selection using "Assign".
- Scroll downwards until "Store" appears in the display.
- Save the entry. The number is now stored on the selected destination key.

## Storing call numbers in the telephone book ►

You can permanently store a redial number on a destination key. The previous contents of the destination key will thus be overwritten. The call number is simultaneously stored in the telephone book. You can store your own call number so that it is constantly shown on your display.

### Reallocating a redial number



Press the “Redial” key until the desired number appears.

Reallocate

Select the menu item “Reallocate”.

The selected call number is now stored in the telephone book. If you would like to edit the telephone book entry (e.g. add a name), proceed as described in the “Editing entries” section (→ Page 63).

### Storing an emergency number or your own call number

Proceed in the exact same manner as entering a new call number.



Enter the call number, e.g. your private call number.

Allocation: Indiv. emerg. dest...

Select the desired setting for the menu item “Allocation”, e.g. “Individual emergency destination”.



Press the destination key that is to be assigned the emergency number.

Assign

Confirm your selection by pressing “Assign”.

Store

Scroll downwards until “Store” appears in the display, and then complete the entry procedure.



Store the entry.

The emergency number is now stored on the destination key.

#### Note:

If you wish to store your own call number, select the option: “Own call number”. Your number appears on the display.

### Storing call numbers in the telephone book ►

You can also store additional information such as code-dialing numbers and team functions on your phone if this option has been enabled by your BOSCH TELECOM service representative.

The corresponding menu items are marked with a small box.

#### Display entry



Call up the telephone book.

List



Press the “List” softkey.

You can now select the list of entries you wish to display.

Destination keys

Select the desired menu item, e.g. “Destination keys”. All entries stored on the destination keys now appear on the display.

#### Modifying entries



Call up the telephone book.

Locate and select the entry.

Local phone book	
Search: N	
Nail	1234
Newman	4321
Nobody	5678

Edit



Press the “Edit” softkey.

The entry and all the information it contains are shown on the display. You may now modify or delete this entry.

Modify entry

Select the desired menu item, e.g. “Modify entry”. You may now change the entry.

#### Note:

If somebody calls you whose call number and name are stored in the telephone book, the caller’s name will be shown on the display. However, the call number must be stored together with the prefix even if the caller lives in the same city.

### Storing call numbers in the telephone book ►

The next four pages contain an overview of all of the menu items that you will need to use the telephone book.

#### All entries

All telephone book entries are shown on the display in alphabetical order.

#### Allocation

Select an allocation for the call number.

#### Attribute

You can determine the type of call you wish to make, e.g. "normal call" or "announcement", etc.

Normal call: Normal call (default setting).

Announcement: Team function, boss can make an announcement.

Announcement with acknowledge: Team function, boss can make an announcement and secretary can answer.

Text if busy: Team function, boss can send message to busy secretary phone.

#### Assign

Confirm the allocation.

#### Call number

Enter the call number.

#### Code dial destination

If you enter "Yes", the system interprets the number as a code dial number.

#### Delete

The selected entry is deleted.

#### Delete entry

The selected entry is deleted from the phone book.

**Note:**

You cannot delete partner entries.

#### Destination

Allocation: The call number is stored on a destination key.

#### Destination keys

All entries assigned to a destination key are shown on the display.

**Storing call numbers in the telephone book ►**

Display entry

You can display the entry and all the information it contains.

DSS destinations

Allocation: You store the call number under a key on your DSS module.

DSS priority destinations

Allocation: You store the call number under a key on your DSS module. Handsfree mode is automatically activated when you press the priority destination key. The no knocking function is overridden when you place a call using the priority destination key. You can also speak to the called party even if the extension is busy. Simply press the priority destination key again.

Edit

To store a call number on a destination key.

Emergency number

Allocation: The call number that you store as the emergency number can also be dialed when the phone is locked.

Emergency number and own number

The emergency numbers(s) and your own number are displayed.

End

Select this option to end an operation.

Individual emergency call

Allocation: The call number that you store as the emergency number can also be dialed when the phone is locked. The number is also stored on a destination key.

Modify entry

You can modify the entry, e.g. enter a new call number for an existing name.

Name

Enter the name.

No and further entry

The most recent entry is not stored and you can immediately enter another one.

**Storing call numbers in the telephone book ►**

Note

Allocation: Call number is entered as a note during a call. Notes can be listed separately in the telephone book. You can also dial any call number contained in a note.

New entry

You can enter a new call number in the telephone book.

Next entry

The next entry is displayed.

Notes

All entries stored as notes are shown on the display.

Own call number

Allocation: You can store your own call number so that it is shown on your display.

Partner

All entries assigned to a partner key are shown on the display.

Reallocate

You can reallocate a stored redial number to a destination key. The previously stored number on this key is overwritten and automatically saved in your telephone directory.

Received line code for list XXX

Enter the external line code that is entered in the call list.

Sending line code for list XXX

Enter the external line code that you normally use for external calls.

Specification

Enter a specification, for example the department of the party you are talking to.

Store

Store your input.

Telephone book entry only

Allocation: The call number is stored in the telephone book only. It is not assigned to a key.

**Storing call numbers in the telephone book** ◀

VIP number

All VIP numbers are displayed.

VIP number

You store the call number as a VIP number, i.e. the subscriber with this number is authorized to activate team functions on your phone.

Yes and further entry

You can store the most recent entry and immediately enter another one.

## Diverting calls

You can divert calls to other extensions in your system. You can activate a second call diversion destination to divert calls only when your line is busy. You can set up two diversions for partners to divert the calls for another partner to your phone.

### Set up call diversion

Call div. to



Press the F2 function key "Call diversion".

Select the menu item "Call div. to" to specify where the calls are to be diverted.



Enter the number of your diversion destination (e.g. 5121).



Press the "Enter" key to activate the call diversion.

The status display contains the message: "Call div. to 5121".

**Note:**

"Call diversion to" can be set up to all parties in your system.

You cannot set up "Call diversion busy" for other partners. Moreover, this function must be activated by your BOSCH TELECOM service representative.

### Deactivate call diversion

+Call div. to 5121



Press the F2 function key "Call diversion".

Select the desired diversion.  
(e.g. 5121)  
and



press the "Enter" key.

This deactivates the call diversion.

## Answer calls at another telephone (Follow me)

You can set up a call diversion for your telephone at other telephones. This function is activated and deactivated by means of codes. Please ask your service representative which codes are valid for your system.

### Prepare Follow me at your own telephone



Lift handset.

Press the "Star" key and enter the code, e.g. "13".

Replace the handset. Your telephone is now prepared.

### Activate Follow me at the other telephone



Lift handset at the other telephone.

Press the "Star" key and enter the code, e.g. "14".

Dial your own call number, e.g. "63".

Replace the handset. Your telephone is now diverted to the other telephone.

### Deactivate Follow me



#### At your own telephone:

Lift handset.

Press the "Hash" key and enter the code, e.g. "13".

Replace the handset. Follow me has now been deactivated.



#### At the other telephone:

Lift the handset.

Press the "Hash" key and enter the code, e.g. "14".

Dial your own call number, e.g. "63".

Replace the handset. Follow me has now been deactivated.

Setting up the telephone for your own specific needs

## Double Call

Your telephone and another telephone ring simultaneously for the same call. Double Call is set, activated and deactivated with particular codes.

### Setting Double Call destination



Lift the handset.

Press the “Star” key and enter the code “33”.



Enter the call number of your Double Call destination (e. g. 6245).



Press the “Hash” key.

Replace the handset. Your Double Call destination is now set.

### Activating Double Call



Lift the handset.

Press the “Star” key and enter the code “34”.



Replace the handset. Your Double Call destination is now activated.

### Deactivating Double Call



Lift the handset.

Press the “Hash” key and enter the code “34”.



Replace the handset. Your Double Call destination is now deactivated.

## Setting up function keys

You can assign frequently used functions to the F1-F4 function keys and to the soft-keys. These functions can be carried out by means of a single keystroke. A complete overview can be found on page 101.

### Setting up function keys

Further functions:

Select the "Further functions:" menu item.

Set function keys

Select the "Set function keys" menu item.

Specify function keys Choose a function key by pressing it
Further positions with key →●
Return
Menu
Cancel

A menu prompting you to further actions appears.

Press the key to which you want to assign a new function.

If this key is already assigned, the new function will overwrite the assignment.

Function . . . .
Choice of another function key poss
Second call
Specify language
. . .

All functions that can be assigned to keys are shown on the display.

Second call

Select the desired function, e.g. "Second call".

Store

Store. This function is now stored on the selected key.

In standard mode, the function no longer appears in the menu. In basic mode, it is still displayed.

#### Note:

For changing the mode of operation, see "Basic operating rules" (→ Page 19).

The symbol of the corresponding function appears in the display. Depending on the level, the symbol may be covered by the partner display.

## Setting up macro functions

You can assign macro functions consisting of various steps to the function keys of your telephone. In this way you can, for example, activate and deactivate a fixed call diversion by means of a single keystroke.

### Program macro

Further functions:

Macro function

Set macro function

```
Set up macro
Call div. to 23
Call div. to
Call pick-up
Call pick-up
Call div. from      To or
Call div. from      To or
```



Select the "Further functions:" menu item.

Select the "Macro function" menu item.

Select the "Set macro function" menu item.

A list of all possible functions appears on the display.

Each function can be set up twice.



Select the desired function.

#### Call diversion:

Enter the call number to which you wish to divert your calls. To do this, you can also press a destination key.

#### Call pickup:

Enter the call number of the telephone from which to pick up calls on your telephone. To do this, you can also press a destination key.



Confirm your entry.



Press the key to which you wish to assign the macro function.

```
...
DIV1 23
DIV2 67
...
```

Select the desired macro function, e.g. "Call diversion 1".



Confirm your input.  
The macro function is now stored on the corresponding key.

## Setting up macro functions ►

If you assign a partner diversion to a function key, you can activate a partner diversion or toggle between two fixed call diversion destinations by means of a single keystroke.

### Assign partner diversion to function key

Further functions:

Macro function

Set macro function

Set up macro

...

Call div. from	To	or	
Call div. from	To	or	

↑ + or ↓ -

Select the "Further functions:" menu item.

Select the "Macro function" menu item.

Select the "Set macro function" menu item.

Select the desired function from the list.

Place the cursor in the desired field.

Enter the call numbers for which you wish to set up a partner diversion by means of the partner keys.

#### Call diversion from x to y:

Enter two partners in order to define a simple partner diversion. Later on this call diversion can be activated or deactivated by means of a single keystroke.

#### Call diversion from x to y or z:

Enter three partners in order to define a partner diversion with two destinations. Later on you can toggle between these two destinations by means of a single keystroke.

- Assign the partner diversion to a function key as described before. The macro function is now stored on the corresponding function key.

#### Note:

The partner diversion with two destinations can only be deactivated via the menu.

To do this, select the option "Delete further partner diversion".

Select the desired call diversion from the list in order to deactivate the partner diversion.

Partners

Delete further partner call div.

### Reset function key

Further functions:

Select the "Further functions:" menu item.

Macro function

Select the "Macro function" menu item.

Set macro function

Select the "Set macro function" menu item.



or



Page downwards through all the functions or press the "Enter" key.



Press the key you wish to reset.

Enable function key

Select the desired option. The previous contents of the function key has now been deleted.

## Setting the telephone

You can set your phone to meet your own individual needs. You can, for example, activate the call list, program a secretary function or adjust the MF pulse duration. If you have any questions, please consult your BOSCH TELECOM service representative.

### Setting the telephone

Further functions:

Select the "Further functions:" menu item.

Setting the telephone

Select the "Setting the telephone" menu item for the basic settings of your telephone.

Setting the telephone	
Second call	on
. . .	
. . .	

All basic settings which you can change appear in the display.

You may now select one of the menu items, e. g. "Second call".

Second call	
on	
off	
Return	
 Cancel	

Set the menu item to "off", for example, and press "Enter".

Setting the telephone	
. . .	
Second call	off
External call number display on	
. . .	

The new setting is applied.

Repeat this procedure to change any other settings.

#### Note:

If you select the "Call recording On" menu setting, make sure that any second handset is connected via an adapter and a T-adapter to the handset interface, rather than to the AEI X interface.

## Turning off autom. postdialing (DTMF)

Your telephone has been factory-set so that while connected all key depressions can be sent as tones. That way you can transfer information, for example in home banking (ex. PIN). The postdialed numbers will not be displayed and will not be entered in the redial memory.



You are on the phone.  
All keys (0 to 9, Star and Hash) which you press during the connection are transmitted as tones.

### Turning off autom. postdialing (DTMF)

Further functions:

Select the "Further functions:" menu item.

Setting the telephone

Select the "Setting the telephone" menu item for the basic settings of your telephone.

Set the telephone	
Receiving VIP functions	On
Sending VIP functions	On
Announcement with answer	Off
. . .	

In the display all basic settings which you can change are shown.

Autom. postdialing/DTMF Off

Select the menu item "Autom.". Postdialing/DTMF, and set the menu item to "Off".

Set the telephone	
. . .	
Autom. postdialing/DTMF	Off
key beep	Off
. . .	

The setting is stored.  
The automatic subsequent tone dial is now turned off.

Autom. postdialing/DTMF	
on	
off	
Return	
Cancel	

### Re-activating tone dial

Select the "Autom. postdialing" menu item and press "Enter".  
Select the option "on".

## Switching on key beep

Every key depression can be signalled by a beep tone (key beep).

### Activating key beep

Further functions:

Setting the telephone

Set the telephone	
Receiving VIP functions	On
Sending VIP functions	<input checked="" type="checkbox"/> On
Announcement with answer	Off
. . .	

key beep  On

Set the telephone	
. . .	
Automat. postdialing/DTMF	On
Key beep	<input checked="" type="checkbox"/> On
. . .	

Select the "Further functions:" menu item.

Select the "Setting the telephone" menu item for the basic settings of your telephone.

In the display all basic settings which you can change are shown.

Select the "Key beep" menu item and set the menu item to "On".

For confirmation, you hear key beep when turning on.

The setting is stored.

Key beep is now turned on.

Setting up the telephone for your own specific needs

## Handsfree equipment

You can connect KonfTel Cu100/AEI handsfree equipment to the AEI interface of your telephone.

### Setting the handsfree equipment

Further functions:

Further settings:

Headset/AEI

```
Headset/AEI
Headset present          No
Monitor AEI x/Y calls AT on
AEI mode of operation x FTZ AT
- - - - -
```

```
Headset present
  No
  AEI
  Handset
  Return
   Cancel
```

```
AEI mode of operation
  X in FTZ & AT
  Y in ETSI & AT
  AT commands
  Return
   Cancel
```

```
Set the telephone
. . .
Headset present          AEI
AEI operating mode      Y ETSI AT
. . .
- - - - -
```

Plug the connecting cable of the handsfree equipment into the AEI interface on the underside of your telephone.

Select the "Further functions:" menu item.

Select the "Further settings:" menu item.

Select the "Headset/AEI" menu item and press "Enter".

Select the "Headset present" menu item and press "Enter".

Select the "AEI" menu item and press „Enter“.

Select the "AEI mode of operation Y FTZ AT" menu item in the "Headset/AEI" menu and press "Enter".

The selection appears as depicted at the left.

The settings are saved.

Now the handsfree equipment is properly connected.

#### Note:

The telephone's internal handsfree operation is now turned off.

### Using the handsfree equipment



Switch the handsfree equipment on and off with the “Handsfree” key.

**Note:**

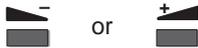
When you switch the equipment on, you will hear a measuring signal in the form of background noise, which indicates equipment tuning.

### Operating the handsfree equipment from the telephone

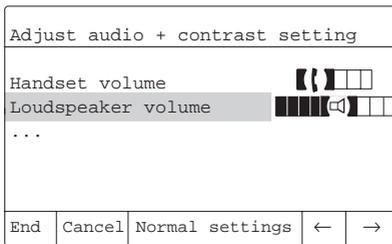
You can adjust the volume of the handsfree equipment—as well as switch the microphone on or off—from the telephone.



Press the “Handsfree mode” key.

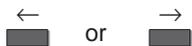


To regulate the volume, press the “Decr. vol./contr.” or “Incr. vol./contr.” display key.



The current settings are displayed.

For the best handsfree operation, keep the volume of the loudspeaker as low as possible.

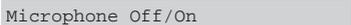


Press the “←” or “→” display key to adjust the volume.



Press the “End” display key to complete the process.

The new settings are then saved.



To switch the microphone off or on, select the “Microphone Off/On” menu item.

Setting up the telephone for your own specific needs

## Handsfree talking with auxiliary loudspeaker

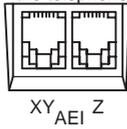
You can connect an auxiliary loudspeaker to your telephone. This will improve handsfree mode.

### Connecting the auxiliary loudspeaker

Connector



AEI interface to the underside of the telephone



Pull the connector from the telephone's AEI-Z-interface.

**Note:**

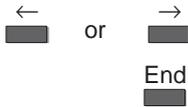
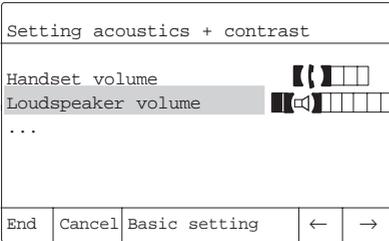
Make absolutely certain that you keep your connector so that you can deactivate the internal loudspeaker should it be necessary.

Connect the auxiliary loudspeaker with the AEI-Z-interface of your telephone.

Place the auxiliary loudspeaker at a distance of at least 80 cm from your telephone; in doing so, you will avoid disturbing echoes.

### Setting the auxiliary loudspeaker

Setting acoustics and contrast



Select the menu item “Setting acoustics and contrast”.

The current settings are displayed. Select the smallest possible setting for the loudspeaker volume. Handsfree talking then functions at its best.

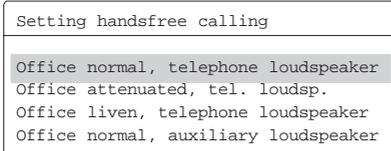
Press display key “←” or “→” to change the setting.

Press the “End” display key to complete the process.

The new settings are then saved.

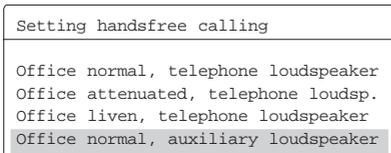
## Handsfree calling with auxiliary loudspeaker ◀

### Setting handsfree calling



Select menu item “Setting handsfree calling”.

The current setting is tagged.



Scroll to “Office normal, auxiliary loudspeaker” setting.

The current setting is tagged.

Press the “Enter” key to confirm the setting.

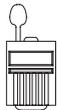
In doing so, the new setting is stored.

### Note:

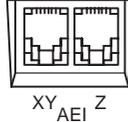
If your call partner informs you of a less than optimal transmission quality, you can switch the handsfree mode down a level.

## Activating the internal loudspeaker again

Connector



AEI interface to the underside of the telephone



Pull the auxiliary loud speaker plug from the telephone's AEI-Z-interface.

Plug the connector into the telephone's AEI-Z-interface. The internal loudspeaker is hence activated again.

Set handsfree talking in the menu “Setting acoustics + contrast” (→ p. 84).

Setting up the telephone for your own specific needs

## Displaying call charges

Call charges are stored and accumulated since the last deletion. You can display the amount and clear the display.

During a call, you can choose whether the charges for the current call are to be displayed as an amount or in units. You can also deactivate the charge display.

### Displaying the call charges

Call charges

Charges for call with: Unit	
563 Nail	000003
. . .	
Sum of call charges	0000167
Delete counter	

Select the desired menu item.

The charge display for the last 4 calls and the overall total of all outgoing calls appears on the screen.

You can now:

- specify the cost per unit,
- activate/deactivate the charge display,
- reset the meter for the displayed calls and for the total (□).

#### Note:

You can set the display to amount or units in the “Setting the telephone” menu.

### Switching the charge display to amount

Call charges

Display units



Display amount

The default setting of the charge display is units.

#### Charge display in the form of amount:

Select the desired menu item.

Activate the menu item “Display units”.

Press the “Enter” key if you wish to change the display to call charge amounts.

The charges are displayed in the form of an amount of money.

### Deactivating the charge display

You can deactivate the charge display on your phone. Details → p. 44.

## Setting acoustics and contrast

You can change the basic settings for handsfree calling.

### Setting acoustics and contrast

Further functions:

Select the "Further functions:" menu item.

Further settings:

Select the "Further settings:" menu item.

Adjust audio+contrast setting

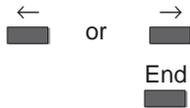
Select the "Adjust audio + contrast setting" menu item.

Setting acoustics + contrast				
Handset volume		[Speaker icon] [Volume bars]		
...				
End	Cancel	Basic setting	←	→

The current settings are displayed.  
You can now change them, e.g. adjusting the handset volume.

Handset volume

Tag the desired option.



Press display key "←" or "→" to change the setting.

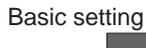
Press the display key "End" to conclude the procedure.

In doing so, the new settings are stored.



#### Note:

Should you not wish to store an alteration, press the display key "Cancel".



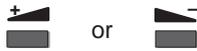
To restore a value to the basic setting (factory set): Press the display key "Basic setting".

The current value will be restored to the presetting.

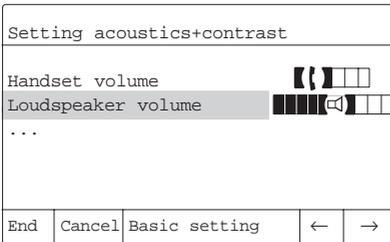
## Setting acoustics and contrast ►

You can change the basic setting for handsfree calling.

### Setting handsfree calling (fixed setting)



Press “Volume control higher” or “Volume control lower” display key.



The current settings are displayed. Select the smallest possible setting for the loudspeaker volume. Handsfree talking then functions at its best.

Press display key “←” or “→” to change the volume.

End  


Press the display key “End” to conclude the procedure.

The new settings are hence stored as fixed settings for all calls.

Cancel  


#### Note:

Should you not wish to store an alteration, press the display key “Cancel”.

Basic setting  


To restore a value to the basic setting (factory set): Press the display key “Basic setting”. The current value will be restored to the presetting.

**Setting acoustics and contrast** ◀

Further functions:

Select the “Further functions:” menu item.

Further settings:

Select the “Further settings:” menu item.

Adjust audio+contrast setting

Select the “Adjust audio + contrast setting” menu item.

Setting handsfree calling

The current setting is tagged.

Office normal, telephone loudspeaker  
Office attenuated, telephone loudsp.  
Office liven, telephone loudspeaker  
Office normal, auxiliary loudspeaker

Select one of the following four settings for handsfree calling:

- “Office normal, telephone loudspeaker”
- “Office attenuated, telephone loudsp.”
- “Office liven, telephone loudspeaker”
- “Office normal, auxiliary loudspeaker”

**Note:**

The “Office normal, auxiliary loudspeaker” is exclusively for handsfree calls with auxiliary loudspeaker (□).



Scroll to the desired setting to adjust handsfree calling to your surroundings.



Press the “Enter” key to store the new setting.

The setting is now stored as a fixed setting for all calls.

## Do not disturb

You can deactivate normal ringing, the signal tone and VIP-ringing—if you are in a meeting, for example.

Further functions:

Select the “Further functions:” menu item.

Further settings:

Select the “Further settings:” menu item.

Silence the telephone

Select the “Silence the telephone” menu item.

Silence the telephone	
Ringing tone	<input checked="" type="checkbox"/> on
Signal tone	<input checked="" type="checkbox"/> on
VIP ringing tone	<input checked="" type="checkbox"/> on

You can see which tones you are able to switch on and off individually.

Signal tone  off

Set the desired tone to “off”, e. g. “Signal tone”.

**Note:**

You can set the ringing tones in the “Audio / Contrast” menu (→ Page 87).

You can also set the “Second call” setting to “off” in the “Setting the telephone” menu (→ Page 75), if you do not wish to be disturbed by any additional calls.

## Setting the language

You can specify the language of the display texts. Independently, you can also select a language for the predefined minimail texts. The available languages are English, French, German and Italian.

### Setting the language for the display and minimail

Further functions:

Select the "Further functions:" menu item.

Further settings:

Select the "Further settings:" menu item.

Specify language

Select the "Specify language" menu item.

Specify language
Deutsch
English
Français
Italiano
. . . - - - - -

The display shows the possible languages for the display texts.

Deutsch

Select the desired language for the display texts, e.g. "Deutsch".



Confirm your selection. The display texts will appear in the selected language.

Mailtexte Sprache einstellen
Eigene Texte werden gelöscht
Deutsch
English
Français
Italiano
. . . - - - - -

The display will now show the languages available for minimail texts.

**Note:**

If you change the language for the minimail texts all texts you have entered yourself or changed will be deleted or reset to their original state.

English

Select the language for the minimail, e.g. "English".



Confirm your selection. The minimail texts will now appear in the selected language.

## Entering appointments

You can program your phone to remind you of important appointments. You can enter up to ten appointments, each of which can be activated and deactivated individually. Moreover, you can define in an easy way whether you wish to be reminded only once or every day.

### Display appointments

Appointments

```
Appointments
Specify appointment
+22.07.94 15:00
-----
```

Select the desired menu item.

All existing appointments are displayed. “+” indicates that the appointment is active. You may now enter a new appointment or select the existing appointment that you wish to activate/deactivate, modify or delete.

### Entering a new appointment

Specify appointment

...

Call the appointments up on the screen. Select the desired menu item.



Enter the appointment data.

```
Specify appointment
Time: 11:00
Date: 22.07.96 only once
Appoint.: On
Text: Mrs. Weaver Meeting
-----
```

Define whether you wish to be reminded of this appointment only once or every day.

The appointment is automatically set to “On”.



Enter the desired text and press the “Enter” key.

```
Specify an appointment
Store
Return
Cancel
-----
```

To save, highlight “Store” and press the “Enter” key.

Your entries are then saved.

```
...
Partner on DSS
-----
```

This message appears in the idle display.

## Entering appointments ◀

You can set your phone to remind you of your appointments daily. The maximum text length is 25 characters.

### Appointment reminder

```
Appointment expired
19.07.94 17:25
Water plants
```

The signal tone is triggered and a message appears on the display at the specified time.

The signal tone stops and the message disappears after a few seconds.

#### **Cancel signal tone:**

Press the "Release" key.



```
...
Appointment expired
```

This message appears on the idle display.

#### **Note:**

Expired appointments flash in the "Appointments" menu.

### Deleting appointments

```
+22.07.94 15:00
```

...

Call the appointments up on the screen.

Select the appointment you wish to delete.

```
Delete appointment
```

Select the desired menu item.

The appointment is deleted. It no longer appears in the appointment list.

### Deactivating appointments

```
+22.07.94 15:00
```

...

Call the appointments up on the screen.

Select the appointment you wish to deactivate.

```
Appointment Off/On
```

Select the desired menu item.

The appointment is deactivated and is no longer preceded by a "+" on the display.

#### **To activate:**

Select the menu item once again.

Setting up the telephone for your own specific needs

## Alternate time zone

You can display the current time in 25 different cities on your phone. You can choose the time zone upon which the time display of the other cities is based. The default setting is "Frankfurt".

### Viewing time zone

Alternate time zone

Current alternate time zone	
Amsterdam	11:35
Athens	12:35
Bangkok	17:35
Brussels	11:35

Select the menu item "Alternate time zone".

The current time in 25 cities now appears on the display.

**Note:**

The time which your telephone displays for a particular city may not correspond to the actual time of that city, because the changeover between standard and daylight-savings times varies among from country to country.

### Specifying the time zone

If you wish to display a time zone other than the pre-set "Frankfurt" time, contact your Bosch Service to make the change.

## Private User Mobility (Mobile direct dialing number)

You can log in to every telephone in your system with your direct calling number. You can then use this telephone like your own connection. This function is protected with a PIN.

To be able to use the function, you must be cleared in the system.

### Note:

Two function keys must be assigned with the "Log-in" and "Log-out" functions.

### Logging in to the telephone

IN

Press the "Log-in" function key.

Log-in
Call number: <input type="text"/>
Password: <input type="text"/>
-----

Enter your direct dialing number and your personal PIN number.  
The PIN numbers will be shown as stars "\*" in the display.

Log-in

Select the menu item "Log-in".

Telephone status
PUM user: 5595 Schneider
-----

A status message appears in the display. You are now logged in to this telephone and can use it like your own connection.

### Note:

If you log in to an external telephone, a call list and talklist are not available to you.

### Logging out of the telephone

OUT

Press the "Log-out" function key.

PUM user: 5595 Schneider

... or select the corresponding status message.

Log-out

Select the desired menu item.

You are now logged out of this telephone. Your personal settings (redial, call forwarding, entered callbacks) are deleted.

### Note:

You will automatically be logged out if another subscriber logs in to this telephone with direct dialing.

## Saving personal data centrally

You can save your personal telephone settings in the central memory of your telephone system, where your data will be password-protected. If your telephone is exchanged for a new one, or if you “move” within the system, you will not need to re-enter your telephone settings.

### Saving data

Further functions:

Select the “Further functions:” menu item.

Further settings:

Select the “Further settings:” menu item.

Save data

Select the “Save data” menu item.

Save data centrally now

Select the “Save data centrally now” menu item.

Authorization
Enter current PIN 4835
Return
_____

Enter your PIN.

Save customer data centrally
_____

The message “Save customer data centrally” appears in the display. Your data is now saved.

## Setting up VIP functions

When the “Handsfree Answer Back” function is set up and activated, the telephone automatically accepts calls by switching to handsfree calling. In order to avoid abuse and accidental listening possibilities from other subscribers, the set-up of VIP functions is protected with a PIN number.

The following pages describe typical applications of VIP functions. Here, the sending telephone is called “executive set” and the receiving telephone “secretary set”:

- Answer calls automatically (Handsfree Answer Back)
- Use executive set as intercom system with secretary set
- Send message from executive set to busy secretary set
- Make announcements to other telephones from the executive set

### Automatic call answering (Handsfree Answer Back)

Further functions:

Select the “Further functions:” menu item.

Further settings:

Select the “Further settings:” menu item.

VIP functions

Select the “VIP functions” menu item.

Receive VIP funct.: on

To activate the VIP functions, set the “Receive VIP funct.” menu item to

- “on”, if you want VIP functions to be possible with all subscribers,
- “Authorized users”, if you want VIP functions to be possible only with those subscribers marked with “VIP number yes” in your telephone book.

Handsfree answer back: on

Switch the “Handsfree answer back” menu item to “on”. The LED begins to flash.

#### **Note:**

When handsfree answer back is deactivated, the LED only flashes for incoming calls.

**Use executive set as intercom system with secretary set**

VIP functions

Transmit VIP functions : On



Local phone book	
Search: S	
Secretary	1234

Attribute: Announcements with acknowledge

if req.

VIP functions

Receive VIP funct.: Authorized

Announcements with acknowledge: On



Local phone book	
Search: B	
Boss	6789

VIP number: Yes

if req.

**Program executive set**

Select "VIP functions".

Set „Transmit VIP functions“ to „On“ to activate VIP functions.

Open telephone book to select the secretary entry.

Display and process the desired entry.

Set „Attribute“ to „Announcements with acknowledge“. This prepares the function on the executive telephone.

If required, tag further entries as secretary sets.

**Program secretary set**

Select "VIP functions".

Set "Receive VIP functions" to "Authorized" to activate VIP functions.

Set "Announcements with acknowledge" to "On" to activate this function.

Open the telephone book to tag the entry of the executive set as VIP.

Display and process the desired entry.

Set "VIP number" to "Yes". This entry is thus tagged as "executive set".

If desired tag further entries as executive sets.

## Setting up VIP functions ►

**Use intercom**

Keep handset on-hook.



e.g. Secretary  


Select telephone book entry or press destination key.

e.g. 

Press the "Handsfree" key or lift the handset. Do **not** press the "Monitoring" key!!  
"Handsfree" is automatically activated on the secretary set. Both extensions can now talk to each other.

**Note:**

If you carry out these steps in the opposite order or if you dial using the "Monitoring" key, a normal call will be made.

**Setting up VIP functions** ►

If you mark entries in the telephone book with “Text if busy”, you can send these subscribers the standard text “Please call back”. This text will be displayed when the line is busy and the call-waiting block is activated. A call and a refer-back are not enough!

**Send a message from the executive set to the busy secretary set**

VIP functions

Transmit VIP functions : On



Local phone book	
Search:	S
Secretary	1234

Attribute: Text if busy

if req.

**Prepare executive set**

Select “VIP functions”.  
Set “Transmit VIP functions” to “On” to activate VIP functions.

Open the telephone book to select the secretary entry.  
Display and process the desired entry.

Set “Attribute” to „Text if busy“. The executive set is now prepared for this function.

If required tag further entries as secretary sets.

VIP functions

Receive VIP funct.: Authorized



Local phone book	
Search:	B
Boss	6789

VIP number: Yes

if req.

**Prepare secretary set**

Select „VIP functions“.  
Set „Receive VIP functions” to „Authorized” to activate VIP functions.

Open the telephone book to tag the entry of the executive set as VIP.  
Display and process the desired entry.

Set „VIP number” to „Yes“. This entry is now tagged as “executive set”.

If required tag further entries as executive sets.

## Setting up VIP functions

You can make an announcement to other extensions of your telecommunications system. To do this, simply call the extension. The loudspeaker of the corresponding telephone will automatically be turned on.

### Announcements from the executive set

VIP functions

Transmit VIP functions On



Local phone book	
Search:	S
Secretary	1234
Attribute: Announcements with acknowledge	

if req.



VIP functions

Receive VIP funct.: Authorized



Local phone book	
Search:	B
Boss	6789
VIP number: Yes	

if req.



### Prepare executive set

Select "VIP functions".

Set "Transmit VIP functions" to „On“ to switch on VIP functions.

Open telephone book to tag the entry of the secretary set.

Display and process the desired entry.

Set „Attribute“ to „Announcements with acknowledge“. The function can now be used on the executive set.

If required tag further entries as secretary sets.

### Prepare secretary sets

Select "VIP functions".

Set "Receive VIP functions" to "Authorized" to activate VIP functions.

Open telephone book to tag the entry of the executive set as VIP.

Display and process the desired entry.

Set „VIP number“ to „Yes“. This entry has now been tagged as "executive set".

If required tag further entries as executive sets.

**Switch off all VIP functions**

VIP functions  
 Transmit VIP functions : Off

VIP functions  
 Receive VIP funct.: Off

**At the executive set**

Select "VIP functions".  
 Switch the "Transmit VIP functions" menu item to "off".

**Or:**

**At the secretary set**

Set "Receive VIP functions" to "Off".

**Switch off VIP functions for specific telephones**



Local phone book  
 Search: S  
 Secretary 1234  
 Attribute: Normal call

**At the executive set**

Open telephone book to select the entry of the secretary set.

Display and process the desired entry.

Switch "Attribute" to "Normal call".

**Or:**

**At the secretary set**

Open the telephone book to tag the entry of the executive set.

Display and process the desired entry.



Local phone book  
 Search: B  
 Boss 6789  
 VIP Number: No

Set "VIP number" to "No".

## Setting up VIP functions ►

### Menu items to prepare your telephone for incoming VIP calls

#### Announcements with acknowledge (in the menu “Setting the telephone”)

An announcement with acknowledge triggers a short signal tone and automatically switches your phone to handsfree mode. The calling party must have defined the attribute in his telephone book. You can answer immediately.

The function “Receive VIP functions” on your phone must be set to “Authorized”.

The call number of the calling party must be tagged as a VIP number in your telephone book.

If you are currently on the phone, you will receive the call as an additional call.

#### Display VIP messages

Display message received from a VIP during a call.

#### Handsfree answer back

Handsfree answer back triggers a short signal tone and automatically switches your phone to handsfree mode. You can answer immediately. Before activating the function you must first enter your PIN. The function “Receive VIP functions” on your phone must be set to “On” or to “Authorized”. If you are currently on the phone, you will receive the call as an additional call.

**Warning:** If you have set “Receive VIP functions” to “On”, your handsfree microphone will be activated for **every** call. You hear a short signal tone. The handsfree microphone on your phone is now activated and all calls can be overheard in the room.

#### Receive VIP functions

**Off:** VIP functions are not possible.

**Authorized users:** VIP functions only possible with subscribers that you have tagged with “VIP number Yes” in your telephone book.

**On:** VIP functions possible with all subscribers.

#### VIP number

You tag a call number as a VIP number in your telephone book.

#### VIP ringing tone

Calls from subscribers whose call number has been tagged as VIP number in your telephone book are signaled by a special ringing tone. You can activate or deactivate VIP ringing in the “Silence the telephone” menu.

### Menu items to prepare your telephone for outgoing VIP calls

Attribute (in telephone book)

**Normal call:** Calls from VIPs ring with VIP ringing tone.

**Announcement:** You can make an announcement. The loudspeaker is activated on the phone of the called party.

**Announcements with acknowledge:** You can make an announcement. The loudspeaker and handsfree microphone are activated on the phone of the called party and the called party can answer immediately.

**Text if busy:** You can leave a message for the called team partner if his phone is busy.

Transmit VIP functions

Switches the VIP functions on your telephone on/off.

## Telephone functions overview

Look up the name of the function if you do not know what this function does, e.g. Code dialing. This alphabetic list contains the functions that you can assign to both the F1–F4 function keys and to the softkeys (→ p. 71). Please refer to the indicated pages for more details.

-  Adjust audio + contrast setting (→ p. 87)  
Adjust the volume of the loudspeaker and the receiver, specify the sound pattern of various tones and the display contrast.
- 2.  Alternate time zone (→ p. 90)  
You can set the time zone you are in and display the current time in other cities in the world.
-  Appointments (→ p. 88)  
You can enter an appointment with a short text. The text appears on the display at the specified appointment time and an acoustic signal is triggered.
- BLIN Boss line  
Within a partner group, this function key enables you to complete an exchange connection for a partner telephone using your telephone.
- COST Call charges (→ p. 82)  
You can display a list of the accumulated telephone charges.
- DIV.C Call diversion (→ p. 68)  
You can divert calls to other phones within your system.
- CODE Code dialing (→ p. 61)  
This allows you to dial numbers that are stored in the system, regardless of your authorization. When you enter the code dial number, the complete number is dialed automatically. You can postdial additional digits after the code dial number (e.g. a DID number).
- CONF Conference (→ p. 50)  
You can speak to two parties simultaneously.
- CORR Delete key  
This key serves to correct digits you have entered, e.g. for a call diversion. You can either delete individual characters backwards or the entire input field.  
On putting your telephone into operation the delete key is already programmed as a softkey. You can change this at any time. You can use this key even if the assignment is not shown on the display.

CUTIN (→ p. 140) 

If you want to talk to a subscriber before he has finished an ongoing call, you can cut in on the existing call.



Decrease volume/contrast

Using this function you can change the volume during a call and also the volume of the loudspeaker provided it has been switched on.

In the idle state of the telephone this softkey takes you to the menu "Adjust volume and contrast".

On putting your telephone into operation, this function is already programmed on a softkey. You can change this setting at any time.

LIST Display call list (→ p. 28)

All incoming calls that you did not answer are listed in the call list.

DOOR Door device 

You can activate and deactivate a door device by a single keystroke. You can use this function only if it has been enabled for your telephone and if a door device is connected.

Enable function key (→ p. 71)

Erase the current assignment of the function key.



Increase volume/contrast

Using this function you can change the volume during a call and also the volume of the loudspeaker provided it has been switched on.

In the idle state of the telephone this softkey takes you to the menu "Adjust volume and contrast".

On putting your telephone into operation, this function is already programmed on a softkey. You can change this setting at any time.

EMER Individual emergency destination (→ p. 62)

You can dial your personal emergency number at any time, even if the phone is protected against unauthorized use (lock). Your personal emergency number is stored in the telephone book.



Interchange (→ p. 46)

Toggle between the first caller and an additional caller.

## Telephone functions overview ►

- GROU** Leaving a group line (→ p. 122)  
 You can switch your phone in and out of a hunt group. This function must be enabled by your BOSCH TELECOM service representative.
- 1..✕** Local number display  
 You can activate or deactivate the display of the call number of the subscriber you are talking to.
- Lock (→ p. 135)  
 You can protect your telephone from unauthorized users. You can also determine which functions are to remain available after the lock has been activated (locking levels must be enabled by your BOSCH TELECOM service representative).
- MAIL** Minimail (p. 29)  
 To send short messages to one or several destinations.
- 📖** Main telephone book   
 The main telephone book is a call number memory in your telephone system. You can select and dial numbers from this telephone book as you do from the telephone book on your phone. You can simplify number searching in the main telephone book by assigning the search function to a function key.
- MBOX** Mailbox (p. 35)  
 To see whether you have received a minimail.
- ✉** Messages  
 To see whether you have received a message, e.g. Voice Mail or Fax.
- ☒** Microphone off (→ p. 42)  
 You can switch off the microphone of the receiver and the phone so that the person on the other end of the line will not hear you.
- OFF** Log-off  
 This function key acts to log off should you have logged into another telephone in your system. To be able to use this function, you must be cleared in the system.

- ON Log-in  
If this function is cleared in your system, you can log into every telephone in your system with your direct dialing number and a personal PIN number.
- PART Partner (→ p. 52)  
You can divert calls to other partners, deactivate diversions, have calls for another partner signaled on your phone and modify the partner display.
- PICK Call pickup (→ p. 32)  
To pick up calls meant for another telephone the number of which is shown on the display. Enter the number and press "Call pick/up".  
If you have activated "Immediate dialing" you must also press this key before pressing the first digit key.
- 1..►X Remote number display (→ p. 127)  
You can activate or deactivate the display of your call number on the other party's display before the call is set up.
- INFO Request time or partner (→ p. 127)  
Update time and partner display on the screen.
- 📞 OFF Tone Ringing Off (→ p. 86)  
Turn off ringing tone. A one-time special alerting tone is then heard when a call comes in.
- 📞 X Second Call (→ p. 46)  
If you set this function to "Off" no additional calls will be signaled during an existing connection. You can deactivate this function in the "Setting the telephone" menu.
- LANG Specify language (→ p. 86)  
Specify the language on the display. You can choose between English, French and German.
- 🎵 Subsequent tone dialing (DTMF)  
You can switch over to another dialing method during a connection, for example if you wish to remote-control an answering machine.
- TALK Display talk list (→ p. 34)  
To display a list of all callers with whom you had a conversation.

←...→ Text shift key

Using this key you can see text which is abbreviated by "...“ because it is too long for the display. The key moves the text through the display. You can also use this key when its function is not shown on the display. The function is useful, for example, if you find a minimail in your mailbox and the name of the sender is only partially visible on the display.

TRAN Transfer call (→ p. 47)

You answer an additional call during an ongoing call and connect this call to another party in a refer-back.

TRAP Trap (→ p. 130)

You can register the call number of an unwanted caller in your telephone system.

VIP Display VIP message

Here you can see whether you have received any VIP messages.

If in doubt, look it up

## Display messages

The display contains important information on calls and telephone settings. This includes the messages that are shown on the idle display. The idle display always appears after 30 seconds if no call is made or if no button has been pressed.

### Messages on the idle display

Cl "Handsfree answer back" is automatically activated for an incoming call.

Appointment activated

This appears when you have activated an appointment.

Appointment expired

An appointment has expired. You can modify or delete this appointment.

The message flashes if you have deactivated the appointment signal using the "Release" key.

Assigning line for PAXx

You have assigned an exchange line for a telephone in your partner group.

You can now complete a connection for this partner or the partner can dial an external number himself.

Call div. busy to

All additional calls are diverted to another telephone if you are already engaged in a call.

Call div. to

All calls to your telephone are diverted to another telephone.

Call list with new message

A team member tried to reach you (VIP call) while you were on the phone and left a message. You can display information on the call in the menu.

Deutsch/English/Français/Italiano

Select this line to set the language of the display texts. This line only appears at the beginning, on putting your telephone into operation. Later on you can set the language via the menu.

Door device turned on

The door device is active. To switch it off select this line or press the corresponding function key.

Headset present

The message appears in the idle display if a headset has been connected and turned on. To deactivate the headset, open the corresponding menu and select this line.

Leaving a group line

You have switched your phone out of a hunt group.

Line assigned

(only TH) This status message blinks in your display: An exchange line has been assigned for your connection using a partner telephone. You can now dial or a connection can be completed for you using the partner telephone.

New entry in call list

Someone tried to reach you while you were away or on the phone. You can display the corresponding information.

No second call

Second call is rejected during an existing call. You can deactivate this function in the "Setting the telephone" menu.

Number and name invisible

Your partner cannot see your name and number on the display.

PUM user:

Mobile direct dialing number (**Private User Mobility**): If you have logged into another telephone in your system, this status message shows you that you are logged into this telephone. Now you can use it like your own connection.

To log out of this telephone: select the status message off or press the function key "Log-out".

Server message present

The voice mailbox contains a message for you.

Telephone locked

Your phone is locked. Select the menu item "Lock" and enter the 4-digit PIN number to unlock the phone.

Turn off ringing

You can turn off the ringing tone during a call.

### Other display messages

- 🔊 The telephone loudspeaker is on.
- 🔊📞 The loudspeaker and microphone are on (handsfree mode).
- 📞 Call waiting. Press the “Interchange” key to switch to this subscriber.
- Busy  
The dialed number is busy.
- Call  
You are receiving a call.
- Callback not possible  
Callback is not possible.
- Call diversion not possible  
The function has not been enabled in the system for your phone.

CD no. unknown

The number you've dialed does not exist in the system. Please check whether you have entered the right call number.

Connection

You are connected to the displayed call number.

Connection not possible

The telephone cannot establish the desired connection. Please check whether you have dialed the correct call number.

Cut-in not possible

You cannot cut-in on an existing call. Either one of the other parties has already established a cut-in connection, or your phone does not have cut-in authorization.

Disabled

The line is blocked. You can neither make nor receive calls.

End of connection

The connection has been terminated because the other party has replaced the handset.

Free

The called subscriber is free.

Function not possible

A function has not been set up or you are not authorized to carry it out.

Message present

A VIP caller tried to reach you and left a message while you were engaged in a call.

Modifying call diversion not possible

The specified call diversion cannot be set up, as the diversion destination number is incorrect, for example.

No answer

The selected subscriber is not available.

No appointment memory free

Ten appointments have already been stored in the memory.

No authorization

The desired feature is not available.

No entries present in the call list

No calls were entered in the call list.

No entry

No entry was found under the specified search string (first letter or list type).

No further entries can be stored in the telephone book

The telephone book cannot store any more call numbers (limit: 300 entries). You must delete existing entries if you wish to enter new ones.

No line available

There is no free line.

No messages present

There are no messages for you in the voice mailbox.

No partner

You cannot use any partner functions.

Not ready

The line is temporarily out of operation.

Not specified

The desired feature is not available.

Partner pick-up not possible

You cannot pick up calls for a partner.

Power failure during digital handsfree mode

The handsfree module is out of service. Your telephone automatically switches over to normal handsfree.

Put handset on-hook

The display is in idle mode and the handset has not been replaced. Replace the handset.

Refer-back not possible

You cannot establish a refer-back for the ongoing connection.

R

Symbol for an additional connection established as a refer-back. You can toggle to this call.

Switching into the group line not possible

A hunt group has not been set up in the system. Consult your BOSCH TELECOM Service representative, if necessary.

Telephone out of operation during servicing

The data of your telephone is being saved or some other maintenance task is being performed.

The call is being transferred

You have transferred a call. Your own line will be free again afterwards.

Transferring charges not possible

The transmission of charge information in the system has been deactivated.

User not registered

The "Trap" function has not been enabled in the system for your phone.

Waiting

The party you are connected with is currently talking to someone else, but you are still connected to this party.

Warning! Only 9 entries can be added to the telephone book.

Indicates that the telephone book is almost full.

Wrong entry

The desired entry is not possible. Please check whether you have entered everything correctly.

If in doubt, look it up

## Display messages during emergency operation

In the event of a power failure your telephone automatically switches over to emergency operation. In this case the settings for some functions are changed. Depending on the default setting, certain functions like handsfree are blocked. If the display has not been switched off corresponding messages will be displayed.

### Overview of messages

#### Monitoring not possible

In order to reduce the power consumption the loudspeaker has been turned off. You cannot use the loudspeaker or handsfree.

#### Hands-free mode not possible

In order to reduce the power consumption the loudspeaker and the microphone have been switched off. You cannot use handsfree but you can still use the monitoring function.

#### Emergency operation

Your telephone has switched over to emergency operation after a power failure.

#### Emerg. Oper...

Your telephone has switched over to emergency operation. The displayed function, e.g. loudspeaker, is blocked.

#### Please use handset

If the loudspeaker is disconnected while you are making a call you will be informed by means of this text that you have to use the handset to continue the call.

#### AEI off

Your telephone has switched over to emergency operation. The AEI interface is blocked. You cannot use any equipment connected to it, like for example a DSS module.

**Note:** Depending on the default setting the LED will be switched off in order to reduce the power consumption. A call diversion will then no longer be signaled.

## Menu items on the display

Depending on which function you are executing, certain menu items appear from which you can select the next operating step. You will find all the menu items arranged in alphabetical order in this overview.

### Note:

Functions which are labeled with , are not installed as standard with your phone.

## A

Accept call

If you want to answer the call.

Adjust audio + contrast setting

Adjust the display contrast, the volume of the loudspeaker and the receiver and specify the sound pattern of various tones.

Adjust volume

You can adjust the volume of the receiver and loudspeaker on the telephone during a call. This change is only valid for the duration of the current call.

AEI mode of operation

You can connect supplementary equipment like a headset, a DSS module or a PC to the AEI interface on the bottom of your telephone. Depending on the configuration used you have to set one of the three operating modes.

**AT comman:** In this operating mode your telephone acts as a modem which can be controlled by means of AT commands. Here, only the telephone is controlled. Data are not transmitted to the remote end. There are three additional menu items to set the baud rate, data bits and parity.

**Y ETSI AT:** You can connect a PC to the AEI interface at the bottom of your telephone. For this purpose you must set the AEI mode of operation to "Y ETSI AT".

Using the PTM („Personal Telephone Manager“, a Windows program) you can perform the functions of your telephone on the PC. These functions are: setting the telephone, editing telephone book entries, writing texts for example for notes or telephone book entries and saving data on the PC. If you have connected a PC to the AEI interface, you can see if a call had been diverted or transferred from another connection. The PC shows you, therefore, to which call number a connection really exists.

**X FTZ AT:** This operating mode corresponds to the definition of the X interface of the FTZ as used in the first generation of ISDN PSTN line sets. Using this protocol the AEI interface is compatible with PC applications, especially with ISDN cards which require this X interface.

Alerting tone volume

Adjust the volume of the alerting tone.

All entries

All telephone book entries are shown on the display in alphabetical order.

Allocation

Select an assignment for the call number.

Alternate time zone

You can display the current time in 25 cities all over the world.

Announcement with acknowledgement

You can activate the “announcement with acknowledgement” team function. This function cannot be used unless “VIP functions” is set to “Yes” (in the menu “Setting the telephone”).

Appointment Off/On

Turn an appointment on or off.

Appointments

Display, enter, modify or delete appointment.

Assign

Confirm the assignment.

Attribute (in telephone directory)

**Normal call:** Team call rings with VIP ringing tone.

**Announcement:** You can make an announcement. Monitoring is activated on the phone of the called party.

**Announcement with acknowledge:** You can make an announcement. The handsfree microphone is activated on the phone of the called party and the called party can answer immediately.

**Text if busy:** You can leave a message for the called team partner if the line is busy.

Autom. post dialing/DTMF (→ p. 76)

Your telephone has been factory-set so that while connected all key depressions can be sent as tones. You can also turn off this function and initiate the postdialing manually while connected.

## B

### Balancing handsfree calling

With this you can additionally adjust the setting for handsfree talking to room conditions. Your telephone must be designed with the comfort hands-free equipment for this. If necessary, consult your BOSCH TELECOM Service.

### Baud rate for AT command

Here you can set the baud rate for the control of your telephone. The values 1200, 2400, 4800 and 9600 are available.

This menu item only appears if you have set the AEI operating mode to "AT command".

## C

### Callback

If a called party is busy, you can program your phone to transmit a signal as soon as the line is free again.

Your phone and the phone of the previously busy subscriber then ring and you can set up the call.

However, this is only possible for calls within your system. You can request several callbacks.

### Call diversion

You can divert calls to other telephones, even external ones. If you receive a diverted call, the caller's name appears on your display if it is stored in your local telephone book.

### Call div. from

If you wish to divert calls to your line (for partners only).

### Call div. busy

Divert call if your line is busy.

### Call div. to

For call diversion from your telephone to another phone.

### Call list

You can activate or deactivate the call list.

Call number

Enter the call number.

Call number display On/Off

If you disable the call number display, you are not given any information on the party you are talking to. Moreover, the number is not stored in the redial memory. At the same time the call charge display is deactivated.

Redisplay number: Select menu item again.

Cancel

For canceling a function.

Charges

You can display a list of the accumulated call charges.

Code dialing

This allows you to dial numbers that are stored in the system, regardless of your authorization. When you enter the code dial number, the complete number is dialed automatically. You can postdial additional digits after the code dial number (e.g. a DID number).

Code dial destination

If you enter "Yes", the system interprets the stored number as a code dial number.

Conference

You can speak to two parties simultaneously. All three parties can speak to each of the others. One of the conference partners must be a refer-back party.

Continue searching

You can begin a new search.

Contrast

Turn the display lighter or darker.

Correct

- Correct the specified number (can also be used for numbers dialed with the redial key or destination keys).
- If you inadvertently press the wrong partner key.

Cost per unit charge

Enter the current cost per unit charge.

Cut-in

The dialed number is busy. This function can be used to cut in on the current call to pass on important information. (Only possible on phones within one system. This function must be enabled by your BOSCH TELECOM service representative.)

**D**

Data bits for AT command

Here you can set the character format for the control of your telephone. The settings „7 Bit“ and „8 Bit“ are available. This option only appears if you have set the AEI operating mode to "AT command".

Delayed redial

If the line is busy, you can have the number automatically redialed after a few seconds.

Delete

- The highlighted entry is deleted.
- Display a list of all messages you wish to delete.  
The menu item "Delete" only deletes selected messages.
- To delete a programmed call diversion entry.

Delete all entries

- Used to delete all entries in the redial memory.
- All entries in the call list are deleted simultaneously.

**Warning:**

All entries are deleted immediately when this function is selected. Press the "Release" key if you do not want this to happen.

Delete appointment

Delete an appointment.

Delete counter

Resets the charge counter.

Delete entry

The selected entry is deleted. You cannot delete partner entries.

Destin. (1..64)

Assignment: The call number is stored on a destination key.

Destination keys

All entries assigned to a destination key are shown on the display.

Dialing

The indicated number is dialed.

Direct dialing of destinations

Dialing begins as soon as you press a destination key.

Direct dialing of digits

Dialing begins as soon as you press a digit key.

Display

Tests the display.

The display is first light, then dark, then checkered. Each indication remains on the screen for 5 seconds.

Display call list

If you want to display the call list. The call list stores all calls you did not answer (condition: the call list must be active).

Display entry

You can display the entry and all the information it contains.

Display lists

You can decide which phone book entries you wish to display in a list, e.g. all partner or destination numbers.

Display units

Specify whether you want the charges to be displayed in currency or charge units.

Display VIP message

You can view a message which has come in from a team member during a call. This option only appears in the menu when you have received a VIP message.

Divert call?

The caller can decide whether to set up a call to the call diversion number or cancel the call.

DSS priority destinations

Allocation: You store the call number under a key on your DSS module.

Handsfree mode is automatically activated when you press the priority destination key.

The no knocking function is overridden when you place a call using the priority destination key. You can also speak to the called party even if the extension is busy. Simply press the priority destination key again.

DSS destinations

Entries that you store on the destination keys of your DSS module.

**E**

Edit

To store a call number on a destination key and in the telephone book at the same time.

Emergency number

Assignment: The call number that you store as the emergency number can also be dialed when the phone is locked.

Emergency number and own number

The emergency number(s) and your own number are displayed.

Emergency number dialing

If you want to dial a stored emergency number (can also be dialed using the digit keys). You can also dial these numbers when your phone is locked.

Enable call charges

Activate call metering for subsequent calls.

Enable function key

To delete the current function key assignment.

Enter current PIN

You attempted to perform a function while the telephone was locked. Enter the current code (PIN) to unlock the telephone.

Expand partner group

You can create a partner group with max. 16 extensions.

External line code for call list

The telephone automatically replaces the exchange line code of transmitted call numbers by the one you enter here.

## H

Handsfree answer back

Condition: Team function must be active.

For first calls the microphone and loudspeaker are activated and the call is set up automatically.

Handsfree equipment (→ p. 78)

Headset, microphone unit which can be connected to your telephone so that both hands are free.

Handset volume

Adjust the volume of the handset.

Handsfree tuning

This function permits you to adapt the settings for handsfree to the particular conditions in the room. For this, your telephone needs to be equipped with the deluxe handsfree unit. If required please contact your BOSCH TELECOM Service.

Headset present

Set the menu item to

- "Handset" if a headset is connected to the handset interface,
- "AEI" if a headset is connected to the AEI,
- "No" if no headset is connected.

If a headset is connected, a corresponding message appears in the idle display.

I

Incoming ext. line code

Enter the external line code that is entered in your call list with the calls.

Incoming sensitivity

This function permits you to adjust the sensitivity for the handsfree mode to better adapt it to the surroundings. The best is to use the lowest possible setting.

If your telephone is equipped with a deluxe handsfree unit you can also use this function to vary the echo and the amplification. A lower level results in a reduction of the echo. If required please contact your BOSCH TELECOM Service.

Individual emergency call

Allocation: The call number that you store as the emergency number can also be dialed when the phone is locked. The number is also stored on a destination key.

Individual emergency destination

You can dial your personal emergency number at any time, even if the phone is protected from unauthorized use (lock). Your personal emergency number is stored in the telephone book.

Interchange

Toggle between your first partner and an additional caller.

Interchange calls

Answer a second call before the first call.

Interchange conference partners

During a conference call, you can switch one of the conference partners to the front window in order to display incurred charges or speak to the respective party separately.

Press the "Refer-back" key to put the party in the inactive window on hold.

## K

Key beep (→ p. 77)

Switch the keyboard beep on or off.

Keyboard

Activates the “Keyboard test” display. You can test all keys on the keyboard.

Press the key you wish to test.

The key designation is displayed on the screen if the key is functioning properly.

The “Release” key is functioning properly if it interrupts the keyboard test to return to the test mode display.

## L

Leaving a group line

You can switch your phone in and out of a hunt group. This function must be enabled by your BOSCH TELECOM service representative.

Lock

You can protect your telephone from unauthorized users. You can also determine which functions are to remain available after the lock is activated (lock levels must be enabled by your BOSCH TELECOM service representative).

Lock telephone

Lock the telephone.

Log-in

If this function is cleared in your system, you can log into every telephone in your system with your direct dialing number and a personal PIN number.

Loudspeaker volume

Adjust the volume of the speaker.

## M

Mediate

Toggle between your first partner and a refer-back.

Memory

Calls up the “Memory test” display. You can test the transient memory.

Messages

All VIP messages received by your telephone are displayed. The prerequisite is that the VIP functions in your telephone system have been programmed.

Microphone off

Turn the handset and telephone microphone on or off. If the microphone is off, your partner cannot hear what is said in the room.

Mode of operation

**Simple (default setting):**

The menus also contain the functions assigned to function keys. On putting your telephone into operation this mode of operation is active.

**Standard:**

The menus only display the functions not assigned to function keys.

**Softkey:**

The functions that you can perform during a call are displayed as softkey assignments.

Modify appointment

Modify an appointment.

Modify entry

You can modify the entry, e.g. enter a new call number for an existing name.

Modify handsfree mode

If the remote subscriber tells you that the transmission quality during handsfree mode is not satisfactory, you can adjust this setting to suit the respective ambient conditions in the room.

The setting on the extreme left permits the highest quality for Intercom but also implies the strongest echo.

The setting on the extreme right implies the weakest echo but reduces the quality during Intercom.

Monitor AEI X/Y calls on/off

You can connect a PC to your telephone and operate your phone from the PC using the corresponding software. You can set up your phone in such a way that monitoring is automatically activated when you dial from your PC.

## N

### Name

Enter the name.

### New entry

You can enter a new call number in the telephone book.

### New entry in call list

Someone tried to reach you while you were away or on the phone. You can display information on the call.

### Next entry

The next entry is displayed.

### No

Your input is not stored.

### No and further entry

The most recent entry is not stored and you can immediately enter another entry.

### Note

Allocation: Call number is entered as a note during a call. Notes can be listed separately in the telephone book. You can also dial any call number contained in the note.

### Notes

All entries stored as notes are shown on the display.

### Number of redial tries X

You can specify the number of redial attempts (max. 9) that your phone is to make if the called party is busy. This function must be enabled by your BOSCH TELECOM service representative.

## O

### Outgoing ext. line code

Enter the external code that you normally use for external calls.

### Outgoing sensitivity

This function permits you to adjust the sensitivity for the handsfree mode to better adapt it to the surroundings. The best is to use the lowest possible setting.

If your telephone is equipped with a deluxe handsfree unit you can also use this function to vary the echo and the amplification. A higher level results in an amplification of the microphone signal. If required please contact your BOSCH TELECOM Service.

### Own number

Allocation: You can store your own call number so that it is shown on the display.

## P

### Parity for AT command

This function permits you to set the parity for the control of your telephone. Available settings are „None“, „Even“ and „Odd“.

This option only appears only if you have set the AEI mode of operation to "AT command".

### Participating in a group line

You can switch your phone in and out of a hunt group. This function must be enabled by your BOSCH TELECOM service representative.

### Partner

- You can divert calls to other partners, deactivate diversions, have calls for another partner indicated on your telephone and change the partner display.
- All entries assigned to a partner key are shown on the display.

Partner diversion off

Deactivate an active partner diversion.

Partner diversion on

Activate a partner diversion.

Pick up a call

To pick up calls for other users on your telephone. Enter the call number and then select the menu item.

**R**

Reallocate

Store a redial number on a destination key.

Reallocate to telephone book

During a call you can store a call number from the call list, talk list or the redial memory in your telephone book.

Receive VIP functions

You can enable the team functions for all subscribers or for authorized users only. Authorized users must have the entry "VIP number yes" in your telephone book.

Recording mode

You can turn the recording mode on and off. This function improves the recording of conversations. An appropriate recording device must be connected (□) to the AEI-XY interface for this.

Refer-back with destinations

You can determine how refer-back is to be initiated with destination keys.

**R key:**

If you wish to set up a consultation call during an existing call, you must first press the "R" key before pressing the destination key.

**Immediately:**

If you wish to set up a consultation call during an existing call, you only need to press the destination key.

Refuse call

If you do not want to answer a call.  
The caller hears the busy signal.

**Menu items on the display ►**

Refuse second call

Refuse a second call during an existing call.

Remote number display

You can decide whether your call number is to be shown on the display of remote subscribers. This function must be enabled in the system.

Request time/partner

Update time and partner indication on your display.

Restrict signaling

You can suppress the display of call modes of your phone on the phones of your partners.

Return

Return to the previous display window.

Ringing sound

Change the sound pattern of the ringing tone.

Ringing sound volume

Change the volume of the ringing tone.

Ringing tone

You can activate or deactivate the ringing tone.

When the ringing tone has been deactivated, you will hear a one-time signal to indicate an incoming call.

**S**

Second call Off

Refuse all additional calls. You can activate this function (even during a call) if you do not want to be disturbed by other incoming calls. These calls are stored in the call list. You can activate this function in the "Setting the telephone" menu.

Set partner display

You can delete and reactivate the display of another partner.

Set partner position

You can assign a partner to another partner or destination key.

Set PIN

Enter new 4-digit code (PIN).

Set the partner beep

To activate call duplication for partners.

Setting handsfree calling (→ p. 84)

You can adjust handsfree calling to your office and surroundings.

Signal tone

You can activate and deactivate the signal tone for appointments.

Signal tone volume

Adjust the volume of the signal tone.

Specification

Enter a code (e.g. "private").

Specify alternate time zone

To enter the data for the second time of day.

Specify appointment

You can enter an appointment with a short text. The text appears on the display at the specified appointment time. In addition, you hear a signal tone.

Specify handsfree mode

If the other party tells you that the transmission quality during handsfree is not satisfactory you can adapt the handsfree mode to suit the particular conditions in the room.

The setting on the extreme left permits the best Intercom but also implies the strongest echo.

The setting on the extreme right implies the weakest echo but reduces the quality during Intercom.

Specify language

Specify the language on the display. You can choose between English, French, German and Italian.

Specify PIN

If your phone is locked, you will be requested to enter your PIN number to unlock the phone.

**Speech path**

Calls up the “Speech path test” display.

You can test the receiver and the monitoring function. When the handset is off-hook, the message “Off-hook” appears; when the handset is on-hook, the message changes accordingly.

When the monitoring function is activated, the message “Monitoring On” appears; when the monitoring function is deactivated, the message changes accordingly.

**Store**

Store your input.

**Store data at**

Enter the time at which the data is to be stored. The default setting is 00:00. The telephone cannot be used during storage.

**Subsequent tone dialing (DTMF)**

You can transmit numbers during a connection, for example to listen to messages on an answering machine.

**Subsequent tone dial (DTMF) Slow/Medium/Fast**

You can change the length of DTMF pulses (DTMF = dual tone multifrequency dialing). This may be necessary if an answering machine does not react to the signals transmitted by your phone. Certain answering machines require a pulse length of 1,000 ms, others 100 ms. The default setting on your phone is 500 ms.

## T

### Telephone book entry only

Allocation: The call number is stored in the telephone book. It is not assigned to a key.

### Terminal adapter

Tests the terminal adapter.

### Time zone

You can select the time zone upon which the time display of the other cities is based. The default setting is "Frankfurt".

### Tone ringing

Tests the ringing tone.

Ringing tone sounds for approx. 1 second with the current volume and sound pattern settings.

### Transfer call

Connect an additional caller with a refer-back party.

### Transient memory

Tests the transient memory which stores all current settings of your phone.

This memory is not protected in the event of a power failure.

The message "No error" appears on the screen if the memory is functioning properly.

Contact your BOSCH TELECOM service representative if the message "Error" appears.

### Transmit VIP functions

You can activate or deactivate the transmission of VIP functions.

### Trap

You can register the call number of an unwanted caller in the system. This function must be activated by your BOSCH TELECOM service representative.

### Turn off charges account

Deactivate call metering for subsequent calls.

#### Turn off ringing

Turn off the ringing tone. A one-time special information tone is then heard when a call comes in.

You can also turn off the ringing tone during a call. Calls are then signaled by a one-time special information tone. This setting is only active for the current call. The following message appears on the idle display: "Ringing off".

### U

#### User functions

You can log in for automatic call distribution. This function must be enabled by your BOSCH TELECOM service representative.

### V

#### VIP number

You store the call number as a VIP number, i.e. the subscriber with this number is authorized to activate team functions on your phone.

#### VIP ringing sound

Change the sound pattern of VIP ringing.

#### VIP ringing tone

If you want to deactivate VIP ringing. The VIP ringing tone signals special calls.

### Y

#### Yes

Store your input.

#### Yes and further entry

You can store the most recent entry and immediately enter another one.

If in doubt, look it up

## Setting tones and distinctive rings on your phone

In addition to the ringing tone, your phone has a number of acoustic signals that inform you of various telephone procedures.

You can listen to and modify all tone settings in the "Adjust audio+contrast setting" menu (→ p. 87).

### Tones for internal and external calls



Normal ringing tone for external callers:  
You can turn off this ringing tone  
(→ p. 86).



Normal ringing tone for internal calls:  
You can turn off this ringing tone  
(→ p. 86).



Alerting tone:  
Additional call during an existing call,  
partner beep.



Executive call:  
VIP function, you can turn off this tone  
(→ p. 86).

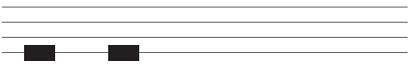


Call for "Handsfree answer back":  
Announcement (with answer also),  
Message on busy: special tone.

### Tones in the receiver



Tone during a cut-in call.



Signal tone:  
On activating the loudspeaker, handsfree  
mode and on-hook dialing. This tone is  
also heard by your partner.



Appointment signal:  
You can turn off this tone  
(→ p. 86).

## If something goes wrong

### **The incorrect date and time are displayed**

Select the menu item "Request time or partner".  
The system automatically updates the date and time.

### **Unknown message on the display**

Please see the section *Display messages* (→ p. 106) for the meaning.

### **The call number of the calling party is not displayed**

The call is transmitted without the call number, e.g. the call is analog or the caller has disabled his call number display.

### **Partner display has disappeared**

The partner display was deactivated in the "Partner" menu. You can reactivate the display in this menu.

**or**

Select the menu item "Request time or partner".  
The partner display is updated by the system.

### **Note:**

The display is updated automatically as soon as a partner uses his phone.

### **Short rings during a call**

This indicates a second incoming call. Please see the chapter *Additional call during an existing call* (→ p. 46) for possible operating steps.

**or**

You have activated the loudspeaker or handsfree mode. You and your partner hear a short special information tone.

**or**

Cut-in tone

You are currently involved in a cut-in call.

**or**

Appointment signal

An appointment is signaled.

**A function is not performed**

Your BOSCH TELECOM service representative may need to enable this function. Functions that have not been enabled are tagged with .

**Telephone prematurely cancels programming**

You may not have pressed a key during the last 60 seconds. This will cancel all programming procedures.  
Programming is also aborted when you answer a call.

**The first digit of a call number that you entered in the phone book is a \$**

You answered a call while entering the number in the phone book. The entry is stored with a \$ in first position. Edit the entry and replace the \$ sign by the correct digit.

**A stored appointment was not triggered**

Check whether the appointment was set to "On".  
Check whether the signal tone has been deactivated (in the "Silence the telephone" menu).  
Check whether the correct date and time are displayed.

**A call diversion is not performed**

Check whether the defined call diversion is activated.

**Additional digits cannot be dialed for a call number that was dialed with code dialing**

Postdialing is probably disabled.

**A call is displayed on the screen, but your phone does not ring**

Check whether the ringing tone has been deactivated (in the "Silence the telephone" menu).

**No entries in the call list**

The call list is probably deactivated. Reactivate the call list in the "Setting the telephone" menu.

## Protecting the phone from unauthorized users

You can protect your phone from unauthorized users by locking it with a secret code. Before locking your phone for the first time you must enter this code. You can enter it yourself and change it at any time.

### Specifying/changing your PIN

Lock

Select the desired menu item.

Set PIN

Select the menu item  
"Set PIN".



Enter the current 4-digit PIN code.

**Note:**

This step is not carried out if you are entering the code for the first time.

Enter the new code. Select a number greater than 2000.



Store

Store your input.

### Locking the telephone

Lock

Select the menu item for locking and un-  
locking.

Lock the telephone

Select the desired menu item.

Your phone is locked. You can dial emer-  
gency numbers and internal numbers.

This message appears on the idle display.

Telephone locked

### Unlocking the telephone

Lock

Select the desired menu item.



Enter the PIN code.

You can use your phone again as usual.

If in doubt, look it up

## Protecting the phone from unauthorized users ◀

You can choose between five different lock levels (not included as a standard feature; consult your BOSCH TELECOM service representative, if necessary).

### Setting the lock level

Lock

Select the menu item for locking and unlocking.

Specify locking level

Select the desired menu item.

1 Emergency calls only

Select the desired lock level.  
You can choose between the following options:

- 1 Emergency calls only
- 2 Emergency calls and internal calls only
- 3 Emergency calls, internal calls, code dialing, TA and AEI
- 4 Settings blocked
- 5 No lock



Confirm your selection.

You can now lock your phone.

#### **Note:**

After three failed attempts to unlock the phone, it will be blocked for 15 minutes.

## Testing the telephone

You can test various functions on your phone.  
You cannot receive calls while your phone is in test mode. You should therefore leave test mode once the tests have been completed.  
Each test takes just a few seconds.

### Starting the functional test

Test mode

```
Test mode
-----
Tone ringing
Display
Keyboard
Memory
Speech path
-----
```

Memory

Transient memory

Select the desired menu item.

The display shows you the functions that can be tested.

Select the desired function, e.g. "Memory".  
Define the necessary settings, e.g. select the menu item "Transient memory".

The test procedure is initiated.  
A function that does not work properly is shown on the display accordingly. Contact your BOSCH TELECOM service representative if this is the case.

If in doubt, look it up

## Registering for automatic call distribution



Your BOSCH TELECOM service representative must set up your phone for automatic call distribution (ACD) by assigning a personal call number (max. 5 digits) and a personal code (max. 6 digits). You must log in using your call number and code.

### Logging in for automatic call distribution

User functions



Select the menu item "User functions".

Enter your personal call number (max. 5 digits).



Enter your 6-digit code.

Your personal call number and code work on every ACD phone in your system.

Log on

Select the menu item "Log on". You are now logged in for ACD.

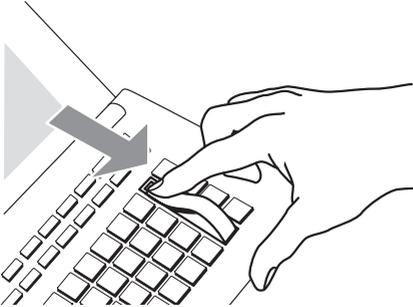
**Note:**

If you wish to log out, repeat these steps and select "Log off".

## Additional information and functions

Your telephone is equipped with an AEI interface to which various supplementary equipment can be connected.

### Replacing the legend strips



You can label and insert the legend strips beside the programmable function keys. This allows you to see exactly which functions have been assigned to these four keys.

### Please note

This telephone is designed for use with a BOSCH TELECOM telecommunications system. It must not be directly connected to the public telephone network.

This telephone only conforms to European safety and EMC (electromagnetic compatibility) regulations when connected to a BOSCH TELECOM telecommunications system.

The unit may only be repaired and serviced by technically qualified personnel. Do not open the phone. This could damage the unit and cause it to malfunction.

### Selecting a location for your phone

Your telephone is designed to be used under normal operating conditions. However, today's furniture is coated with a tremendous number of different paints and synthetics and is treated with a variety of care products. Some of these products may contain substances that can attack and soften the synthetic base pads on the phone. The affected base may, under some circumstances, leave unpleasant marks on the surface of your furniture.

BOSCH TELECOM cannot be held responsible for this type of damage. We therefore recommend that you place your phone on a non-slip base, particularly if the respective furniture is new or has been treated with special care products.

If in doubt, look it up

### Additional information and functions ◀

**Cut-in:** If you do not want to wait until a called party terminates the current call, you can cut-in on this call. This is only possible within your telephone system and must have been enabled for the corresponding telephone. Consult your BOSCH TELECOM service representative, if necessary.

#### Cut-in

```
Busy 5121
. . .
Cut-in on a call
```

```
Cut-in 5121
. . .
```

```
End cut-in
```

```
Busy 5121
. . .
Call Back
```

You call a subscriber whose line is busy. Select the menu item “Cut-in”.

You have now cut in on the call. All parties hear a special cut-in tone. You may now speak to the called party.

The subscriber whose call you have cut in on receives the display message: “Cut-in”.

**End:**

Select the desired menu item.

The busy display appears again.

You can now initiate a callback, for example.

**Note:**

Your cut-in call automatically becomes a normal call if the call you cut in on is ended.

# Index

Activating functions	17, 18	Call number	
Adjust handsfree	48, 120, 121	dial	25
Advanced handsfree equipment	123	enter	12, 59
AEI interface	113	own	62, 66, 125
Announce and acknowledge	99, 114	store	59, 62
Announcement	97	suppress	116, 127
Appointment signal	89	Call number display, on/off	116
Appointments		Callback	7, 115
delete	89, 117	Cancel	18
display	88	Care	139
enter	88, 114	Change DTMF pulse length	129
on/off	89	Charge display, deactivate	44
Attribute	64, 100, 114	Charges	82, 118
Autom. Postdialing	114	Code dial	64, 116
Automatic callback	7, 115	Conference	7, 50, 116
Automatic connection	9, 93, 99, 120	Connect	47, 130
Auxiliary loudspeaker, deactivate	81	Connect accessories	
Auxiliary loudspeaker (Ⓜ), connecting	80	Auxiliary loudspeaker	80
Block dialing	25	Connect supplementary equipment	
Busy	26	AEI interface	113
Call		Current settings	106
answer	46, 49	Cut-in	117, 140
forward	130	Deactivate display	
refuse	46, 126	call number	44
transfer	47, 49	charge display	44
Call diversion	7, 68, 69, 119	name	44
Call list	7, 28, 29, 115	Delayed redial	
Call monitoring	39	activate	26
		set number of redial attempts	124

Destination keys	25	Function keys	
Dial		reset	74
emergency number	119	set	71, 72, 73, 74
from telephone book	27	set up	73
specific redial	25	standard assignment	7
while on-hook	20, 25	Handsfree	120, 121
with digit keys	25	Handsfree answer back	9, 93, 99, 120
Dialing	25	Handsfree calling, Set (fixed setting)	84
Dialing from call list	28	Handsfree calling	80
Direct dialing		Handsfree equipment	78, 120
with destination keys	118	Handsfree mode	21, 26
with digit keys	118	Help	101–108
Display	8, 14, 106–109	Idle display	106
Door device	102, 103	Interchange	7
DSP handsfree calling	115, 120	Internal loudspeaker, activate	81
DSS module	53, 65, 119	Key beep	77, 122
DTMF	45	Keyboard beep	122
Edit	63, 65	Keys	7
Emergency number	62	Legend strips	139
Enquire answering machine (DTMF)	129	Listening to messages	35, 36
Entering text	12, 22	Lists	27, 63
External line code	20, 25, 120	Lock	9, 135
External loudspeaker		Macro	72
connecting	80	programming	72
deactivate	81	reset key	74
Follow me	69	Mailbox	38
overview	58	Main telephone book	103
Forwarding	130	note	124
		Making calls	25

Menu item		Partners	
select	11	form groups	55
switchover	13	restrict signaling	55
Messages	96	PC connection	113
send	64, 100, 114	Permanently refuse additional calls	46
Microphone	79, 123	Phone location	139
Minimail		Phoning while on-hook	25
modify text	32	Pick up a call	34, 126
receive	38	Postdialing, Automatic	76
send	30	Priority destination	65, 119
Monitor	21, 26	PTM	113
Monitor when dialing from PC	123	Reallocate call number	29, 37
MTB	103	Receiving calls	26, 34
Multiline	52	Recording mode	126
Muting	79	Redial	25
No knocking	127	reallocate	62
Note	59	Refer-back	
Operating mode	19, 123	with destination keys	126
Operating rules	14	with R-key	47
Own call number	62	Refuse second call	46
Partner		Repairs	139
call	54	Ringling	86, 132
call duplication	52	switch on and off individually	86
create groups	55	Ringling tones	132
display	52	Rules	14
divert	54, 73	Saving data	92
diverting calls	115	Setting handsfree calling	115, 120
on DSS module	53	Setting the telephone	75, 76, 77
restrict signaling	56	Settings	75, 76, 77
update display	53, 127		

Signal tone	86, 132	Telephone book	
Silence when telephoning	86	dialing number	27
Silencing the telephone	86	note	59, 66
Simple mode	19	Telephone status	106
Softkey mode	19	Time zone	130
Softkeys	15	Toggle	47, 48, 122
Sound pattern	127	Transfer call	47, 49, 130
Specify language	87	Unlock	135
Standard mode	19	Update time display	104
Status messages	106	User functions	131
Storing call numbers	8	VIP functions	
Storing data	129	announcement	97
Subsequent tone dialing (DTMF)	45	Handsfree Answer Back	93
activate	129	on/off	98, 99, 126
set	129	send	100, 130
Switch	47, 130	send message	96
Switching to mute	42	VIP number	67, 99, 131
Talk list	37	Voicemail	35
		Volume	
		adjust	42
		Auxiliary loudspeaker	80
		handsfree equipment	79
		loudspeaker	42