

## Integral TS13 ISDN Telephone



connected to  
Integral 33 systems

# BOSCH

# Familiarize yourself with your phone

This manual is designed to help you learn the basics of your telephone quickly and easily.

## What you should definitely read

- Basic operating principles → starting on p. 15.

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 TS 13 phone provides you with the ability to set up various functions according to your own personal needs.

## Team functions

You can set up any number of phones within your system to form a team. You then receive a special tone (VIP tone) from your team partners.

## 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.

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**VIP functions**

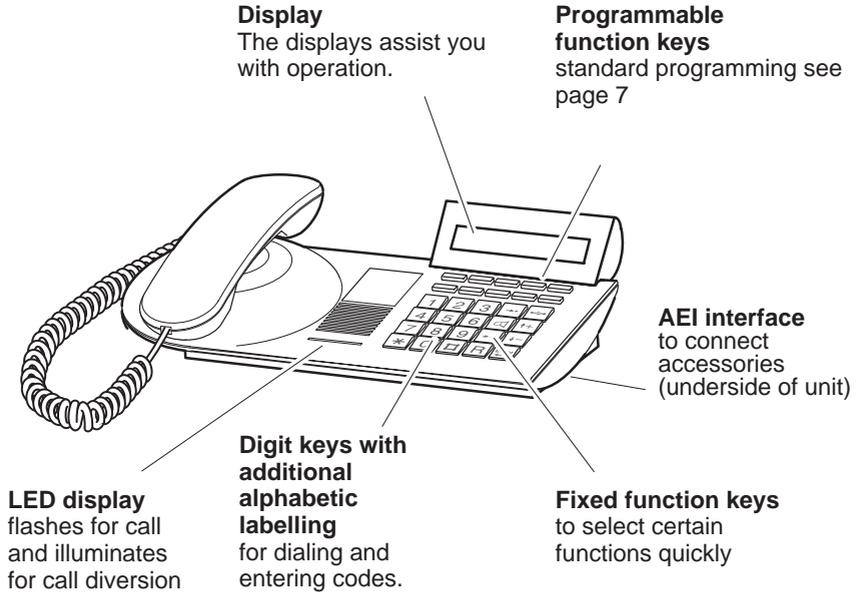
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## TS 13 - Overview

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.



Familiarize yourself with your phone

## 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.

### Fixed function keys



#### **Digit keys with alphabetic labelling**

for dialing call numbers and entering codes. The alphabetic labelling allows you to dial means of letters (vanity numbers).



**Handsfree** for making calls with the handset on the hook.



**Monitor** switches the loudspeaker on/off and permits on-hook dialing.



**Redial** dials the last number again and displays the last 5 numbers that were dialed.



#### **Star and hash keys**

for special functions.



**Refer-back** for consultation within your in-house system or for external calls and call transfer.



**Disconnect** clears the current connection and terminates an entry.



**Arrow up** moves the menu selection up in the display, and activates the main menu when in idle condition.



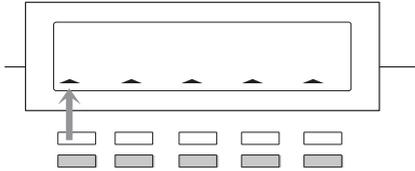
**Arrow down** moves the menu selection down in the display.



**Enter** selects a highlighted menu item.

**Which keys for which functions? ►**

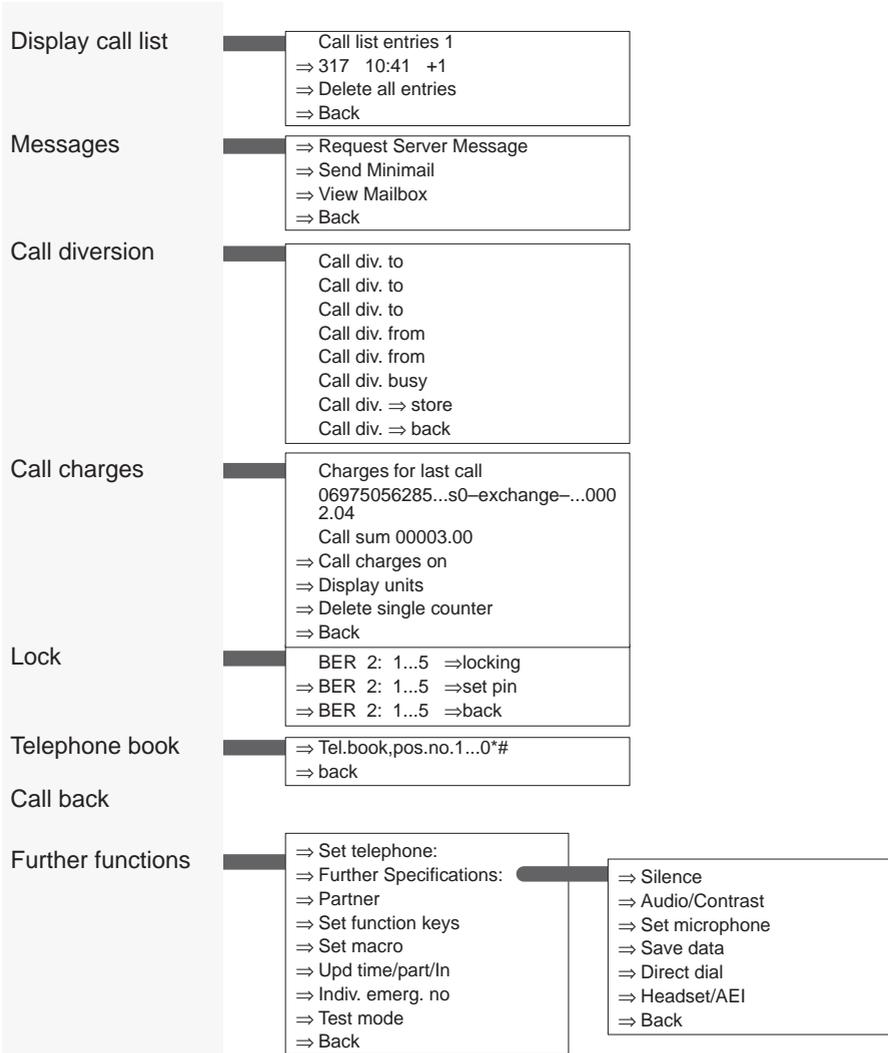
**Programmable function keys (standard assignment)**



- ▲ Symbol for the upper key
- Symbol flashes slowly: first call
- Symbol flashes quickly: second call
- Symbol illuminates: busy
- Symbol off: free

The two upper rows of keys on your telephone can be assigned any functions. The “Transfer” and “Interchange” keys are programmed as a default. The symbols above these keys indicate the status of your respective partners. The keys in the second row are pre-set to the following functions in the standard setting: “Text shift key”, “Speed dial”, “Retrieve”, “Transfer” and “Interchange”.

Which keys for which functions? ◀



## Special features of your telephone

You can 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 call number of every ISDN caller is displayed on your telephone, so that you can see who is calling you before you answer. The name is also displayed, if possible.

### 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. You can program these keys with the functions you use most often. Two of these keys have already been assigned functions before delivery. You can also change numerous standard settings and adapt the phone to your own personal needs.

### 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.

### Number of possible connections

You can establish up to 4 calls simultaneously and toggle between these calls as you wish. You can display all four calls on the screen one after the other.

### VIP functions

You can set up any number of phones within your system to form a team. You can receive announcements from all team partners and you hear a special ringing tone when one of these partners calls.

### PTM – Personal telephone manager (optional)

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
- 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 function under consideration.

### Selecting a function using a fixed function key



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

### Selecting functions using menu items



Menu Do not disturb



You may first need to press the “Arrow up” key to call up the main menu.

To reach the menu item shown on the left, press the arrow keys until the desired menu item appears. This allows you to scroll through all menu items one after another.

#### Example:

You want to activate the “Do not disturb” function.

Press the “Arrow up” key.



Menu Do not disturb



Press the “Arrow down” key until the menu item “Do not disturb” appears.



Call up the highlighted function by pressing the “Enter” key.

#### Note:

The chapter “If in doubt, look it up” explains all menu items that you may come across when using your phone.

Return

**Note:**

The main menu contains not just menu items but also submenus, where you can call up further menu items. You can always move from these submenus to the previous level with the “Return” menu item.

**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.

**Dial**



You can initiate the dialing procedure in different ways: Press the “Monitor” key or lift the handset. 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 and then lift the handset or vice versa (→ p. 18).

## Switching the menu item

```

Menu ▶Further functions↓
Menu  ▶Further settings↓
Menu  ▶Silence↓

Ringing tone on↓

```

The manual also uses a short formulation for:

“Switch the menu item to ...”

### Example:

Select the “Further functions” menu item.

Select the “Further settings” menu item.

You would like to turn off the signal tone in the “Silence” menu.

This function is normally activated.

Select the menu item “Ringing tone”.

The current setting is “On”.



Press the “Enter” key to change the setting to “Off”.

The ringing tone 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 blocked.

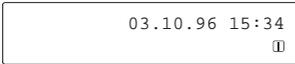
Consult your BOSCH TELECOM service representative if you wish to use these functions.

Familiarize yourself with your phone

## Basic operating rules

The following pages contain some basic information on how your telephone works.

### The display assists you.



The illustration at the side shows you the display as it might look when the telephone is not in use. You can have your telephone number

The current date and time are displayed as well.



The idle display shows you additional information on the status of your telephone. A message appears if the telephone is locked, for example.

The symbol  shows that information on the status of your telephone is available.

You can view all status messages consecutively with the "Arrow up" and "Arrow down" keys.

From here you can request the appropriate menu point directly.

To do this, display the message in the idle display.

Press the "Enter" key.



or



You can now process the appropriate settings; unlock the telephone with the PIN, for example.

#### Note:

If the status has changed, the corresponding message remains in the idle display until you have scrolled to the top.

**Basic operating rules** ►

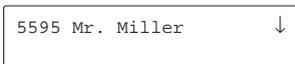
Various messages and the menu items from which you can select the next operating step will appear on the display, depending on the function you are currently performing.

The display generally only displays the menu items associated to the respective function.

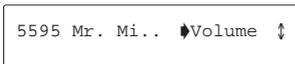
**Example: You make a call.**

*Dial.*

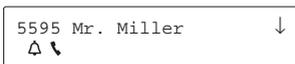
The call number and name of the called party are displayed on the screen.



You can scroll through the available menu items using the “Arrow down” key.



You can, for example, adjust the volume of the loudspeaker by pressing the “Enter” key.

**Displaying calls**

You receive another call while you are talking. The additional call is indicated by the flashing bell symbol.

**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 functions of your phone from the display. You do not need to remember any key symbols or combinations for menu selection.

Arrows in the menu indicate the direction in which you can move:

- ↕ – up and down
- ↓ – down only
- ↑ – up only



Press the “up arrow” key.

This calls up the main menu, which contains the most important functions. You can select more functions under “Further functions”.



Press the “Arrow down” key until the desired menu item appears, e.g. “Specifications”.



Press the “Enter” key.

This confirms your selection and activates the selected function.

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

**Note:**

The display returns to idle mode if you have not pressed a key for 60 seconds.



If you wish to switch back to the idle display manually, press the “Disconnect” key.

**Basic operating rules ►**

You can cancel all operating procedures at any time. You can clear the current connection in the same way.

**Activating functions with function keys**



Several functions can also be activated using a function key, e.g. refer-back.

Functions that can be activated using a function key are not contained in the menu selection.

**Canceling an operation**



Lift the handset.

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.

## Setting up a call

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

1. prepare for dialing,
2. activate dialing.

The call number is dialed.

It doesn't matter which of these steps you perform first. However, we recommend to maintain the order described because in this case you can for example correct a 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 as described here.

## Preparing to dial

You have two 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,**

e.g. by pressing the function key „Speed dialing“ and a digit key.



### **Note:**

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

## Dialing

Enter a call number. You now have various options.

Enter a call number.



Lift the handset. The specified call number is dialed. If the called subscriber answers, you can make the call as usual.

**or**



Press the “Monitor” key.

The specified call number is dialed.

The loudspeaker symbol appears on the screen.



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

**Cancel:**

Press the “Disconnect” key or “Monitor” key.

## Using the phone with handset on-hook



Press the “Handsfree mode” key. The microphone is then activated, in addition to the loudspeaker. You can now use the phone with the handset on-hook. Handsfree mode is indicated by the symbol shown at the left in the status line of your display.

**Note:**

Please note that, for technical reasons, your telephone does not activate the loudspeaker and microphone at the same time. Your call partner thus cannot hear your while he is speaking.

Familiarize yourself with your phone

## Making a standard call

You can 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 for the respective system (e.g. "0") first. You can redial call numbers or have them automatically redialed.

### Making calls



Dial call number – by either entering each digit separately

**or**



Enter a stored number by pressing the function key „Speed dialing“ and a digit key.



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

*Dial.* The call number is dialed.



### Redialing a call number



Press the “Redial” key.

The last number that was dialed is displayed.



Press the “Redial” key several times.

The five call numbers you dialed last are displayed on the screen.

The redial memory stores digit-, destination- and partner keys.



*Dial.* The displayed number is dialed.



### Delayed redial



#### **If busy:**

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

#### **Cancel:**

Delayed redial is canceled as soon as you press a key or lift the handset.

**Making a standard call** ◀

You can dial code 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. If you wish, you can let other people in the room listen to the conversation.

**Making code dial calls**



Enter the code dial number.



The number can be checked in the display.



Select the menu item "Code dial".

The complete call number is dialed automatically.

## Dialing stored numbers

You can dial stored speed-dial numbers.

Calls that you do not answer are stored in the call list with the respective date and time. You can display this list any time and call back the subscribers specified in the list. The list contains the 10 most recent entries.

### Dialing a stored speed-dial number



Press the function key “Speed dialing” key.

Enter speed dial code

You are prompted to press a digit key for speed dialing.

e.g. 

Press the desired digit key, e.g. “8”.



The stored call number is dialed.

### Dialing call numbers assigned to function keys



Press the function key to which the desired call number is assigned.



The stored call number will be dialed.

## Dialing a call number from the call list

If you do not answer a call—because you are not there or currently busy—the call, date and time are saved in the call list. You can view and return these calls at any time. The list shows the 10 most recent entries.

### Select telephone number from the call list.

```
05.10.94 15:16↓
List
```

The “List” message is shown in the idle display.

This shows you that there are new entries in the calling list.

```
Menu      Call list↓
```

Select the menu item “Call list”.

```
Call list entries 5
List
```

The number of entries is displayed. In this example, 5 subscribers have tried to reach you.



Press the “Arrow down” key to scroll through the entries.

```
315    12:38    3
```

The display contains information on each entry. In this case, the subscriber has tried to reach you 315 times.

```
List : 09.07.98 12:38 ↓
```

If you want to see more information on a particular entry, select that caller.

More information on that entry appears in the display (date).



**Calling a subscriber back:**

*Dial automatically.* The call number of the displayed subscriber is dialed automatically. When he answers, you can telephone as usual.

**Notes:**

The “List” message remains in the idle display until you have scrolled through all the new entries.

The call list lists repeated calls from the same caller under the same entry.

**Symbols in the call list**

- |                |                                 |
|----------------|---------------------------------|
| No call number | Call without call number        |
| +              | Call has not yet been displayed |
| >              | Diverted call                   |

## Call back

If a subscriber you call is occupying the line, you can activate a signal which lets you know when the line is free again. Your telephone rings, you pick up, and then the telephone of the previously busy subscriber rings. This is only possible for calls within your system.



You call subscriber 3613, for example.

**Note:**

Your call partner is occupying the line.



Select the “Call back” menu item.



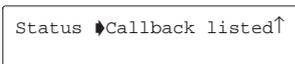
The following appears in the display.



Activate the “Call back” feature by pressing the “Enter” key.

**Note:**

You hear a short signal tone and a special dial tone. These tones indicate that you have activated the “Call back” feature.



The following appears in the display.

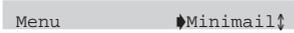
**Note:**

As soon as the busy line becomes free, your telephone rings and the LED display next to the handset flashes. The call number of the caller appears in the display.

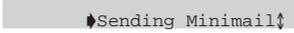
## Transmitting text (Minimail)

You can send short texts to one or more recipients. 7 prepared texts which you can add to are available.

### Sending minimail



Select the "Minimail" menu point.



Select the menu point " sending Minimail".



The first of the prepared texts appears in the display.



or



Select the desired text.



Enter the corresponding digits into the text. e.g. time, date).



or

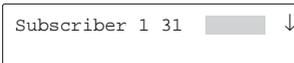


**Correct:**

Move the marker to the next line and and back again. Now can simply overwrite the entry.



Press the "Enter" key to select the text for transmission.



The first of the subscribers to whom you can send a message appears in the display.



Select one or more subscribers. "+" indicates that the subscriber is selected.

if necessary



If necessary, enter a new call number as desired.



Scroll downward through all the subscribers.

**Transmitting text (minimail) ◀**

Send

Select the "Send" menu point.  
The message is sent.

You can see in the display whether the message has been sent successfully or not:

- "?": The message is on the way.
- "+": The message has arrived.
- "-": The subscriber could not be reached.

Minimail to all

**Send to all:**

To send a minimail to all entered subscribers: Select the corresponding menu point.

## Recording call charges for projects

Your telephone system can record and calculate call charges for single projects or private calls. 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:

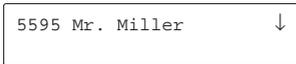
Neither the exchange code number nor the project code will be entered into the redial memory. You must enter the number anew everytime.

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

To speak with a caller you can pick up the receiver as usual. You can accept calls for other subscribers as well. To do this, you must assign the "Pickup" function to one of the fully programmable function keys.

### Someone calls you.

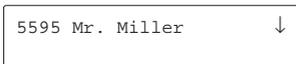


Your phone rings and the LED display beside the handset flashes when a call comes in.

The corresponding message also appears on the display.

The name of the caller is displayed if it is transmitted by the caller's system.

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

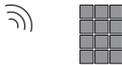


The connection continues to be displayed on the screen.

#### Note:

Any call that you do not answer is stored in the call list.

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



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

Enter the respective call number when the other telephone rings.



Press the "Pickup" function key to pick up the call.



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

## 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.

### Call forwarding all calls to the voicemail



Select the menu item “Call forwarding”.



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.



To confirm this, the LED display illuminates.

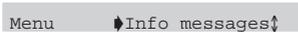


There is now a “+” in front of call forwarding in the display, and call forwarding is also displayed in the status display. All calls will now be diverted to voicemail.

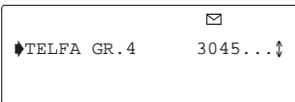
### Listening to info messages



In the standby display you will see the symbol for “Info messages”. There is a message for you in the voicemail.



Select the menu item “Info messages”.



The info messages will be displayed.



Lift the handset to listen to the info messages.

## Removing call forwarding to voicemail

Menu ▶ Call forwarding↕

Select the menu item "Call forwarding".

+CFORW 4041 ↓

Select the active call forwarding from (e.g. 4041). It is identified by a "+".



Press the "Enter" key.

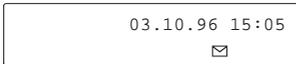
The LED display no longer illuminates and the "+" disappears.

Call forwarding is now switched off for voicemail.

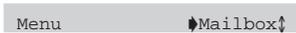
## Receiving minimail (Mailbox)

The mailbox is a call list for text messages. Your callers can leave up to 10 short minimails here. The telephone indicates in the display if you have received a new minimail.

### Viewing the mailbox



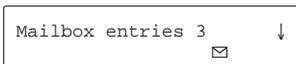
The envelope appears in the idle display. You have received a message by minimail.



Select the "Mailbox" menu point.



Select the "View Mailbox" menu point.



The mailbox is shown in the display.



Select the desired entry  
The message is shown in the display.



If you would like to see details on an entry, select the desired entry.



Scroll down to view the name and call number of the sender.



**Scroll:**  
Select the "Next entry" menu point.  
The next entry is displayed.



**Deleting an entry:**  
Select the "Delete" menu point. The entry is deleted and you can view the next entry.



**Delete all entries:**  
Select "Delete all" menu point.  
The mailbox is emptied.

**Note:**  
You can view the mailbox at any time with the "Mailbox" menu point.

## Monitoring

You can listen to your partner over the loudspeaker or have the microphone turned off to prevent your partner from hearing what is said in the room. You can also adjust the volume of the receiver and the loudspeaker.

### Listening to your partner over the loudspeaker



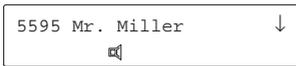
You are telephoning.

**Note:**

Inform the other party that you have activated monitoring!



Press the “Monitor” key.



You hear your partner over loudspeaker and the loudspeaker symbol appears on the screen. You and your partner hear two short signal tones.



**Deactivating:**

Press the “Monitor” key once more.

### Turning off the microphone



Select the menu item “Microphone Off/On”.



Press the “Enter” key to turn off the microphone.



The symbol to the left appears on the screen when the microphone is turned off. The other party cannot hear what is said in the room.

**Re-activating the microphone**

Select the “Microphone Off/On” menu item again. The symbol disappears.

### Adjusting the volume



During a call

Select the “Volume” menu item.

**Note:** Adjust the volume for handset and loudspeaker as described in the *Setting acoustics and contrast* chapter.

## Handsfree talking

You can listen to a caller handsfree and make a telephone call with the handset down. You can alter the volume of the loudspeaker and the handsfree sensitivity during the call.

### Making a call with handset on-hook (handsfree handset)



You are making a call.



Press “Handsfree talking” 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 in the room loudly. A loudspeaker symbol and a microphone signal appear in the display. You can now put down the handset.

**Ending the call:**

Press “Handsfree calling” key.



**Switching off handsfree calling:**

If you want to continue the call with the handset: lift the handset up again.



### Accepting 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 an on-hook handset as described above.

### Selecting dial call number with handset on-hook



and



Enter the desired call number and press the “Handsfree calling” key. The call number will be selected and you can telephone with cradled receiver.

## Microphone sensitivity

5595 set handsfree ↕

During a call choose the menu item “set handsfree”.

### Note:

set microphone sensitivity like described in chapter “Audio and Acoustic”.

## 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 calling can be affected 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

## Deactivating the call number and charge display

The charge display is automatically suppressed when you deactivate the call number or name display of your partner.

### Deactivating the call number and charge display



You are making a call.

427635    ▶Cha:0023.00↓

You may now deactivate the call number and name display.

▶Display Off/On↓

Select the "Display" menu point.

\*\*\*    ▶Display↓

The call number and name of your partner will not longer be displayed.

▶Display Off/On↓

### Switching back on:

Select the "Display" menu point 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, the remote control of an answering machine.

### Switchover to DTMF



You are making a call.

▶Tone dialing next ↓

Select the option “Tone dialing next”.

DTMF 3 [input field] ↓

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

▶DTMF Tone dialing off↑

#### Switch back to pulse dialing:

Select the option “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 “Disconnect” key.

## Additional call during an existing call

You can answer or refuse an additional call during an existing call. If you do not want to be disturbed by additional calls, you can activate the “no knocking” function during a 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 information signal.

 Interchange

Press the “Interchange” function key. The call number and name of the second caller are displayed.



Press the “Enter” key to set up the call to the additional party.



The flashing handset symbol indicates that the first caller is on hold and cannot hear the other conversation.

You may now:

- toggle between the two partners (→ p. 39),
- transfer the call (→ p. 41)

### Rejecting an additional call



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

### Permanently rejecting an additional call

 Second call

You can also permanently refuse additional calls during an existing call if you have assigned the “Second call” function to a function key.

All additional callers hear the busy tone. Anyone who attempts to reach you while this function is active is entered in the call list.

**Note:** Please refer to the chapter *Setting up the telephone* how to activate/deactivate the second call when your phone is idle.

## Several calls simultaneously

You can maintain several calls simultaneously and toggle between these calls as you wish.

You can have up to four calls at a time.

### Initiating a refer-back



You are telephoning. Use the “Refer-back” key to initiate the refer/back.

(Return: “Disconnect” key).



Enter the number or speed dial destination with which you wish to set up a consultation call.



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

#### Note:

You can set up your phone so that you only need to press the partner key for consultation calls with partners.

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



Press the “Refer-back” key.



You can now talk to both parties alternately.

#### Transfer call:



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

#### Note:

You cannot connect an additional caller to your first partner.

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

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




You have accepted an additional caller during a conversation.



Interchange

Toggle between the two calls using the “Interchange” function key.

**Note:**

You can set the volume of the handset and loudspeaker individually for each connection.

The setting is retained for the duration of the call.

When switching between several connections, each one keeps its own set values.

You can only change the basic settings when the telephone is idle.

**Several calls simultaneously ►**

**Transfer additional call**



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

 Interchange

Press the “Interchange” function key. You will see the call number and name of the additional caller.



Press the “Enter” key to answer the additional call.



The flashing handset symbol shows that the first caller is waiting and hears nothing of your present conversation.

**To transfer the additional call:**



Prepare refer-back by pressing the R key.



Enter the number of the extension to which you want to transfer the call.



You can now announce the call. Both handset symbols are flashing. Your first partner is waiting.

 Transfer

**Transfer call:**

Press the “Transfer” function key. The call has been transferred and you can continue your first conversation.

**Several calls simultaneously ►**

Conference: You can speak to two parties simultaneously. You can put one of the conference partners temporarily on hold if you wish to speak to the other partner separately.

**Talking to two parties simultaneously (Conference)**



You are talking to someone. Initiate the refer-back using the “Refer-back” key.

Enter the number of the second conference party.

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



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

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

**Speaking to one conference party only**



Select the menu item “Interchange users” to display the desired conference partner.



Press the “Refer-back” key.

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

### Several call simultaneously ◀

You can withdraw from the conference and simultaneously connect the other two parties with each other.  
Two internal parties or one internal and one external party can join you in a conference call.

#### Terminating a conference



Press the “Disconnect” key. This terminates the conference.

#### Connecting conference partners with each other

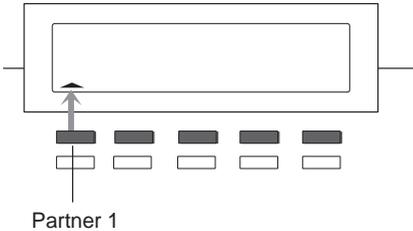


Replace the handset. You have withdrawn from the conference call. The two remaining conference parties are now connected to each other.

## Overview of partner functions

The Bosch Service can connect several telephones of your system together to form a partner group. Many functions are especially convenient to use within this group. You can view information on your partners in your display.

### Partner information on the display



Your BOSCH TELECOM service representative can assign partners to the first five programmable function keys.

The current status of the respective partner is displayed on the screen, e.g.

- ▲ Symbol for the upper key is flashing – Partner is being called
- ▲ Symbol for the upper key is illuminated – partner is telephoning.

#### **Note:**

If you assign a function to one of these keys, it can no longer be used as a partner key.

The partner key can be used again as soon as the function has been deactivated.

## 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 key. You can divert calls from any partner phone to any other partner phones quickly and easily.

### Calling partners

 e.g. Secr.

Press the desired partner key.



*Dial.* The number is dialed.

### Answering a call for a partner



A partner phone rings. The corresponding partner display flashes.

 e.g. John

Press the partner key.



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

### Diverting calls from one partner to another



Select the menu item "Further functions" in the main menu.



Select the "Partner" menu point.



Scroll to the desired line.

  e.g. Pete Mary

Press the desired partner key: first the partner for whom you wish to divert, and then the partner to whom you wish to divert.



Select "Store". This stores the partner diversion in your telephone. You can switch it on at any time.

**Switching diversions on and off.**

Menu ▶Further functions↓

Select the menu item “Further functions” in the main menu.

Menu ▶Partner↓  
▶Partner div. On↓

Select the “Partner” menu point.

Select the “Partner diversion on” menu point

Diversion 30 > 31 on ↓

The partner diversion is activated.

You can tell that this is the case when a triangle slowly flashes next to the diverted partner (e. g. 30).

▶Partner div. Off↓

**Switch off:**

Select desired menu point.

The partner diversion is switched off.

## Setting partner functions

You can have calls for a partner signaled on your own telephone at the same time (Partner beep).

### Switching on partner beep

Menu ▶ Further functions↓

Select the menu item "Further functions" in the main menu.

Menu ▶ Partner↓

Select the "Partner" menu point.

▶ Set partner beep↑

Select the desired function.

■  
e.g. Secr.

Press the key for the desired partner several times if necessary to set the signal type.

You have three possibilities:

Arrow flashes: Partner beep

Arrow illuminates: Normal ringing tone

Arrow is out: No signal

### Switching off the partner display

Menu ▶ Further functions↓

Select the menu item "Further functions" in the main menu.

Menu ▶ Partner↓

Select the "Partner" menu point.

▶ Set partner disp.↓

Select the desired menu point.

■  
e.g. Secr.

Press the desired partner key(s). The black triangle in the display disappears as a confirmation.

Partner 1 2 3 4 5 ↓  
▲ ▲ ▲

In the example to the left the partner displays 3 and 4 are switched off.

■  
e.g. Secr.

#### Make the partner display visible:

Press the partner key again.

The triangle appears in the display again.

## Storing call numbers

You can store ten numbers you frequently use as speed dial numbers; these are dialed using the speed dial key and a digit key.

You can also store important call numbers on the first four function keys. To dial these numbers press the corresponding function key.

### Storing call numbers on digit keys / function keys

Menu  Telephone book 

Select the menu item “Telephone book”.

Tel.book pos.no. 1...0\*#

The display shown on the left appears.



Press the digit key or one of the first four function keys that are to be assigned a speed-dial number.



Enter the call number that you want to store.



Press the “Enter” key to end the process. The call number has been stored. If a partner had already been stored on a function key, this assignment is overwritten by the new destination.

#### **Note:**

To assign a call number to a function key, the function key must be “free”, meaning that no other functions—such as “Charges”—may be assigned to it.

#### **Note:**

If a partner number is already assigned to a function key, it will be overwritten by the new destination.

You can assign your own number to the “Star” key and an emergency number to the “Hash” key.

### Assigning code dial numbers to function keys

Menu Telephone book

Select the "Telephone book" menu item.



Press a function key.

SK6: 559 Code dialing?  
Yes

Select the "Code dialing? Yes" menu item.



Press the Enter key.



Enter the code dial number to be assigned to the function key.  
Return to the call number.



Press the Enter key.

### Assigning call numbers to speed dial keys

Menu Telephone book

Select the "Telephone book" menu item.

Tel.book pos. no.1...0\*#

The display depicted at the left appears.

e.g. 7

Press the digit key to which you want to assign the speed dial.



Enter the call number to be assigned to this key.



Press the "Enter" key to complete this process. The call number is then saved.

### Assigning code dial numbers to speed dial keys

Menu **Telephone book** ↓

Select the “Telephone book” menu item.

Tel. book pos. no. 1...0\*#

The display depicted at the left appears.

e.g. **6**

Press the digit key to which you want to assign the code dial.

6: 5595 ▬ ↓

The display depicted at the left appears.



Enter the code dial number to be assigned to the speed dial key.

Select the “Code dialing? Yes” menu item.



Press the Enter key.

Return to the code dial number.



Press the Enter key.

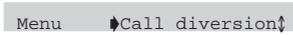
## Diverting calls

You can divert calls to other subscribers. You can also divert calls when your line is busy.

Moreover, you can divert calls for two other partners to your phone.

A “number A via number B” message appears in the display for call forwarding.

### Setting up call diversion



Select the menu item “Call diversion” to specify where the calls are to be diverted.



Enter the number of your diversion destination (e.g. “3315”).



Press the “Enter” key to activate the call diversion.



The LED will illuminate.



A “+” symbol appears on the screen in front “Call div” The call diversion is also shown on the status display.

When calls are being diverted, a message such as “Number 3319 via number 3315” appears in the display.

#### Note:

You can use the arrow keys to select the required call diversion mode. You can enter various call diversion destinations, but you can only activate one call diversion at a time!

“Call div” (call diversion to) can be set up to all of the parties in your system.

You can set up “DIV from” (call diversion from) from partners only.

### Deactivating call diversion



Select the desired menu item.



Press the “Enter” key.

The LED goes out and the “+” symbol disappears.

The call diversion is no longer active.

## Answering calls at another telephone (Follow me)

You can use another telephone to set up call diversion for calls arriving at your own phone. You first have to prepare this function on your own telephone.

This process is set, activated and deactivated with particular codes. Please contact your Bosch Service for the valid codes.

### Preparing the process at your own telephone

e.g.  Lift the handset.

e.g.  Press the “Star” key and enter the code, e.g. „13“.

 Replace the handset. Your telephone is now prepared.

### Activating the process at a different telephone

At the other phone: Lift the handset.

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

e.g.  Dial your own number, e.g. “63”.

 Replace the handset. Calls to your telephone are then diverted to the other phone.

### Deactivating the diversion

**At your own phone:**

Lift the handset.

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

 Replace the handset. The diversion is now deactivated.

**At the other phone:**

Lift the handset.

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

e.g.  Dial your own number, e.g. “63”.

 Replace the handset. The diversion is now deactivated.

## 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 function keys

You can assign frequently used functions to the programmable function keys. These functions can be carried out by simply pressing the corresponding key. A complete overview can be found on page p. 72.

### Setting function keys

M... Further functions: ↑

Select the “Further functions” menu item in the main menu.

Set function keys ↓

Select the “Set function keys” menu item.

Press funct. key ↓

Select the desired menu item.

You will be prompted to select a key to which you want to assign a new function.



Press the desired key.

Ex: Charges ↓

Select the desired function, e.g. “Charges”.



Press the “Enter” key. The “Charges” function is now stored to the selected key.

#### Notes:

If the key was already assigned a function, the old assignment is overwritten by the new one.

If you assign a function to one of these keys, it is no longer available as a partner key.

As soon as you deactivate the function, you can use the key as a partner key again.

### Deactivating a function key assignment

Menu ▶Further functions↓

Select the menu item “Further functions” in the main menu.

▶Set function keys↓

Select the “Set function keys” menu item.

▶Press funct. key↓

Select the desired menu item.



Press the function key whose function assignment you wish to deactivate.

Fx: ▶Function key free↑

Select the desired menu point. The key is then free.

### Assigning macros to function keys

Menu ▶Further functions↓

Select the menu item “Further functions” in the main menu.

Menu ▶Macro function↓

Select the “Macro function” menu point.

DIV1 [ ] ↓

The first of the possible functions appears in the display.



Select the desired function.



#### Call diversion:

Enter the call number to which you wish to divert calls.

#### pick up:

Enter the call number from which you wish to have calls to your telephone.



Confirm your entry.



Press the key which you would like to assign a macro function to.

Ex:	DIV1↓
-----	-------

Select the desired macro function;  
“Call diversion 1”, for example.



Confirm your entry.  
The macro function is now stored on the  
key selected.

## Setting up the telephone

You can give your telephone individual settings, e.g. block it for internal calls.

### Setting the telephone

M... Further functions: ↑

Select the “Further functions” menu item in the main menu.

Setting the telephone ↓

Select the desired menu item for the basic settings of your telephone.

Second call                      off ↓

You can view all basic settings which you are able to modify in the display.

Key beep                              off ↓

Select the function whose settings you want to modify, e.g. “Key beep”.



Press the “Enter” key to activate the key beep.

Key beep                              on ↓

The new setting is applied.



Press the “Release” key to complete this process.

Repeat this procedure to change any other settings.

## Switching off autom. postdialing (DTMF)

Your telephone has been factory-set so that while connected all post dialed number key depressions can be sent as tones. You can, for example, interrogate voicemail or implement remote control on an answering machine. These numbers will neither be displayed, nor entered in the redial memory.



You are making a call.

All keys (0 to 9, star and hash), which are dialed during a connection will be sent as tones.

### Switching off. autom. postdialing (DTMF) autom. postdialing (DTMF)

M... Further functions: ↑

Select the “Further functions” menu item in the main menu.

Setting the telephone ↓

Select the “Setting the telephone” menu item.

Autom. postdialing On ↓

Select the menu item “Automatic postdialing”.



Press the “Enter” key to switch a function off.

Autom. postdialing Off ↓

The setting will be transferred.  
Automatic postdialing is now switched off.



Press the “Release” key to complete this process.

### Switching post dialing (DTMF) on again

Autom. postdialing On ↓

Set the menu item “Automatic postdialing” to “On”.

## Switching on key beep

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

### Activating key beep

M... Further functions: ↑

Select the “Further functions” menu item in the main menu.

Setting the telephone ↓

Select the “Setting the telephone” menu item.

Key beep off ↓

Select the “Key beep off” menu item.



Press the “Enter” key to activate the function.

You will hear the key beep (as a self-check) when the function is activated.



Press the “Release” key to complete this process.

Key beep on ↓

### Re-activating key beep

The setting is applied.  
Key beep is now activated.

## Handsfree talking with auxiliary loudspeaker

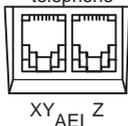
You can connect an auxiliary loudspeaker to your telephone. This will improve handsfree mode.

### Connecting the auxiliary loudspeaker

Plug connection



AEI interface to the underside of the telephone



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

**Note:**

Make sure you keep your connector so that you can deactivate the auxiliary 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 80cm from your telephone; in doing so, you will avoid disturbing echoes.

### Setting an auxiliary loudspeaker

Menu  Further functions 

Select the "Further functions" menu item in the main menu.

 Further settings 

Select the "Further settings" menu item.

Audio / Contrast 

Select the "Audio / Contrast" menu item.

Loudsp. 1..8   

The current settings are displayed. For the best handsfree quality, keep the volume setting as low as possible.



Adjust the volume of the loudspeaker by entering a digit from 1 to 8.



Press the "Enter" key to confirm the setting.

The new setting is then saved.

## Handsfree talking with auxiliary loudspeaker ►

Menu ▶ Set microphone↕

Select the “Set microphone” menu item.

Office normal, Tel. 🔊↕

The current setting is displayed.



Scroll to the “Office normal, Ext. 🔊” setting.

Press the “Enter” key to confirm the setting.

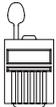
The new setting is then saved.

**Note:**

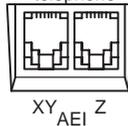
If your call partner informs you that the transmission quality is not optimal, select a lower setting in the “Audio / Contrast” menu.

### Deactivate auxiliary loudspeaker

Connector



AEI interface to the underside of the telephone



Pull the auxiliary loudspeaker 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. LEERER MERKER).

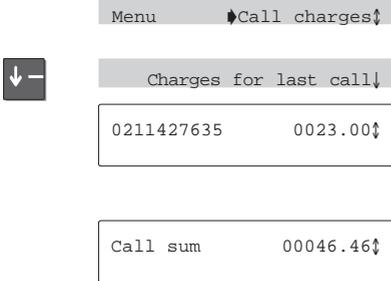
Setting up the telephone for your own needs

## Displaying call charges

Call charges are stored and accumulated since the last deletion. You can also display these charges during a call.

You can reset the meter for the displayed calls and the total (if enabled by your BOSCH TELECOM service representative).

### Activating the call charge display



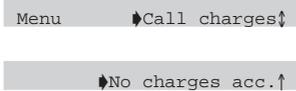
Select the desired menu item.

You can have the charges for the last call displayed

or

display the charges for all calls.

### Activating/deactivating charge display



Select the desired menu item.

Select the menu item "No charges acc.". The telephone system no longer informs you of incurred charges.

### Delete counter



Select the menu item "Clear call charges". Press the "Arrow down" key.

The charges for the individual call are deleted.

#### Note:

If you wish to delete the charge total for all calls, you must have the function enabled by your BOSCH TELECOM service representative.

## Displaying call charges ◀

You can activate and deactivate the charge display. The incurred charges can be displayed as currency or units. You can select the respective charge display in the “Call charges” menu.

### Switching the charge display to units

The default setting for the charge display is currency. These charges per unit may deviate from your specifications depending on the predefined setting of your telephone system.

#### Charge display in units:

Select the menu item “Call charges”.

Menu ▶ Call charges↓

Select the menu item “Display units”.

▶ Display units↓



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

The call charges are now displayed in charge units.

#### Change the charge display back to charge amounts:

Select the menu item “Display amount”.

▶ Display amount↓

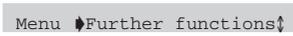
### Deactivating the charge display

You can deactivate the charge display on your phone – Details → p. 36, *Deactivating the call number and charge display*.

## Specifying audio, contrast and do not disturb

You can set various ringing tones and adjust the display contrast.  
You can also activate and deactivate individual tones.  
You can change the basic setting for handsfree talking.

### Specifying audio/contrast



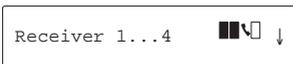
Select the menu item "Further functions" in the main menu.



Select the menu item "Further settings"



Select the "Audio / Contrast" menu item.



The current settings are displayed. You can change them now.



Adjust the volume of the receiver by entering a number from 1 to 4.



Scroll to the desired setting to change the volume.



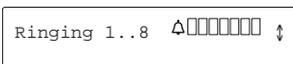
The current setting is displayed. You can adjust the volume of the loudspeaker.



Enter a digit from 1 to 8 to adjust the volume of the loudspeaker.



Scroll further to adjust ringing volume.



The current setting is displayed. You can now adjust the volume of the ringing.

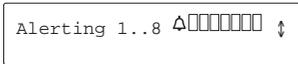


Adjust the volume of the ringing by entering a number from 1 to 8.



Scroll further to adjust the volume of the alerting tone.

**Specifying audio, contrast and do not disturb** ►



The current setting is displayed. You can now adjust the volume of the alerting tone.



Adjust the volume of the alerting tone by entering a number from 1 to 8.



Scroll further to adjust the tone of the ringing.



The current setting is displayed. You can now adjust the tone of the ringing.



Adjust the tone of the ringing by entering a number from 1 to 8.



Scroll further to adjust the tone of the VIP ringing.



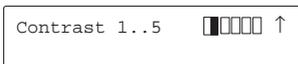
The current setting is displayed. You can now adjust the tone of the VIP ringing.



Adjust the tone of the VIP ringing by entering a number from 1 to 8.



Scroll further to adjust the contrast of the display.



The current setting is displayed. You can now adjust the contrast of the display.



Adjust the contrast of the display by entering a number from 1 to 5.



Press the "Enter" key to store. The new settings are then saved.



**Note:**  
To reset a value to the normal setting: Press the "Star" key. The current value is then reset to the pre-set value.

## Silencing the telephone

M... Further functions:↑

Select “Further functions” in the main menu.

Further settings:↓

Select “Further settings”.

Silence↓

Select “Silence”.

Ringing tone      on ↓

The current setting is displayed.



Use the “Enter” key to switch the ringing tone off or back on.



Scroll further to switch the VIP ringing off or back on.

VIP ringing      on ↓

The current setting is displayed.



Use the “Enter” key to switch the VIP ringing tone off or back on.

## Setting acoustics and contrast ◀

If your call partner informs you that the transmission quality is not optimal, you can change the handsfree-mode settings.

### Setting handsfree mode (fixed setting)

M...▶Further functions:↑

Select “Further functions” in the main menu.

▶Further settings:↓

Select “Further settings”.

▶Set microphone↓

Select „Set microphone“.

Office normal, Tel. 📞 ↓

The current setting is displayed.

Select one of the following four settings for handsfree mode:

- “Office normal, Ext. 📞”
- “Office normal, Tel. 📞”
- “Office muffled, Tel. 📞”
- “Office echo, Tel. 📞”



Scroll to the desired setting to adapt handsfree mode to your surroundings.

#### Note:

The “Office normal, Ext. 📞” setting is exclusively for handsfree mode with an auxiliary loudspeaker (□).



Press the “Enter” key to confirm the setting.

The new setting is then saved as the fixed setting for all calls.

Setting up the telephone for your own needs

## 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 telephone / “Log-in”

IN



Press the “Log-in” function key.

Call number:	<input type="text"/>	↓
--------------	----------------------	---

Enter your direct dialing number.

Password:	<input type="text"/>	↓
-----------	----------------------	---

Scroll to menu item “Password” and enter your personal PIN number.

◆Log-in
---------

The PIN numbers will be shown as stars “\*” in the display.

Select the menu item “Log-in”.

Status	PUM: 5595↓
--------	------------

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 is not available to you.

### Logging out of telephone / “Log-out”

OUT



Press the “Log-out” function key,

Status	PUM: 5595↑
--------	------------

... or select the corresponding status message.

◆Log-out
----------

Select the menu item “Log-out”.

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

### Note:

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

## 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 you “move” to another part of your telephone system, you do not need to enter your telephone settings anew.

### Storing data

Menu ▶ Further functions↓

Select the “Further functions” menu item in the main menu.

▶ Further settings↓

Select the “Further settings” menu item.

▶ Data storage

Select the menu item “Data storage”.

▶ Store centrally immediately

Select “Store centrally immediately”.

PIN: [redacted] ↓

Enter your PIN number.

Store data centrally

The message “Store data centrally” appears in the display. Your data is now stored under your PIN number.

## Setting up VIP functions

You can set up team functions between telephones within your system. You then receive a special ringing tone or announcement from your team partners. The VIP tone on your phone must be activated.

### Setting up the phone for calls from the team

Menu Further functions

Select the “Further functions” menu item in the main menu.

Set the telephone

Select the “Set the telephone” menu item.

Menu Specifications

Select the menu item “Specifications”.

Receive VIP funct    Off

In the menu item “Receive VIP functions”, specify whether this function should be available to all callers or only for members of the team (“authorized”).



You must now enter your PIN. Only then will you be able to change the settings of the “Receive VIP functions” menu item.

Receive VIP funct    On

Select “On”, for example. You can now receive announcements and a special ringing tone (VIP tone) from all of your team partners and partners of other teams.

### Tagging specific team partners

Menu Telephone book

Select the menu item “Telephone book”.

e.g. 4

Press one of the 10 digit keys, the star or the hash key for speed dialing.



Enter the call number that is to be assigned to the speed dial key and for which VIP authorization is to be activated.

6: 5595 VIP: ? yes

Switch “VIP” on.

Call number   

Press the “up arrow” key repeatedly until “Call number” appears.



Confirm with the “Enter” key.

Calls from this subscriber activate VIP ringing only if you have marked him as an authorized user.

Mark additional partners in the same manner, if required.

**Note:**

You can adjust the sound of the VIP tone in the “Audio/Contrast” menu. You can deactivate the VIP tone in the “Do not disturb” menu. Your telephone automatically activates “Monitoring” when you receive an announcement.

If in doubt, look it up

## 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 the programmable function keys (→ p. 54). Please find further details on the pages indicated for the different functions.

### Note:

Functions which are labeled with , are not installed as standard with your phone.

## Programming function keys

### A

Audio/Contrast (→ p. LEERER MERKER)

Adjust the volume of the loudspeaker, the sound pattern of various tones and the display contrast.

### B

BLIN Boss line

(only TH) Within a partner group, this function key enables you to complete an exchange connection for a partner telephone using your telephone.

### C

Call back

If the called party is busy, your phone will send 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.

Call charges (→ p. 62)

You can display a list of the accumulated telephone charges.

Call diversion (→ p. 51)

You can divert calls to another telephone in your system.  
You can also divert calls to an external line depending on the system.

Code dial (→ p. 21)

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).

Conference (→ p. 42)

You can speak to two parties simultaneously.

#### Controls louder

This allows you to change the volume of the receiver and the loudspeakers during a conversation.

You can set the ringing tone louder while the telephone is ringing.

When the telephone is in idle mode, this key brings you into the “Accoustics and contrast setting” menu.

#### Controls quieter

This allows you to change the volume of the receiver and the loudspeakers during a conversation.

You can set the ringing tone quieter while the telephone is ringing.

When the telephone is in idle mode, this key brings you into the “Accoustics and contrast setting” menu.

## D

#### Delete key

This allows you to correct entered numbers, for call diversion, for example.

You can delete the individual characters from right to left or delete the entire entry field.

#### Display call list (→ p. 22)

All calls that you do not answer are stored in the call list.

## F

#### Function key free (→ p. LEERER MERKER)

Erase the current programming of a function key.

## H

#### Headset present

Switch the menu item to

- “Handset”, if a headset is connected to the handset interface,
- “AEI”, if a headset is connected to the AEI interface,
- “No” if no headset is connected.

## I

Interchange (→ p. 38)

Toggle between the first caller and an additional caller.  
The function is programmed on a function key.

## L

Local display

Local number display: You can have activate/deactivate the display of the remote subscriber's call number on your telephone.

Lock (→ p. 99)

You can protect your telephone from unauthorized users. You determine which functions are to remain available after the lock has been activated (lock levels must be enabled by your BOSCH TELECOM service representative).

## M

Mailbox (→ p. 32)

You can check whether you have received a minimail.

Minimail (→ p. 26)

You can send short messages to one or more recipients.

Messages (→ p. LEERER MERKER)

You can check whether you have a message.

Microphone Off/On (→ p. 33)

You can turn off the receiver microphone during a call.  
Your partner cannot hear what is said in the room.

## O

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.

**P**

Part of group

You can switch your phone in and out of a hunt group.

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

Partner (→ p. 44)

You can divert calls to partners, deactivate diversions, have calls for partners signaled on your telephone and change the partner display.

Pick up (→ .S 29)

This allows you to pick up a call from another telephone.

When your telephone is in idle mode, enter the call number of the subscriber from whom you wish to pick up a call and press the "Pick up" function key. The call will be diverted to your telephone. If you have "Immediate dialing" activated, press the "Pick up" function key even before dialing the call number.

**R**

Remote no. display

Remote number display: You can activate/deactivate the display of your call number on the screen of the remote party before a call is set up.

Request time

Update the time, date and partner display.

Ringin tone off (→ p. LEERER MERKER)

Turn off the ringer. A one-time special information tone is then heard when a call comes in.

## S

### Second call (→ p. 38)

Deactivate second call in the specifications menu (only possible in idle mode) if you do not want to be disturbed by additional calls. All additional calls are entered in the call list. You can also activate the no second call function during a call, if you have assigned it to a function key.

### Secondary dialing (DTMF)

You can change the dialing method during a conversation if you want to operate an answering machine by remote control, for example.

### Switch contact

You can equip your telephone with an additional ringing tone. Now your telephone ring can, for example, be signalled in the neighbouring room. The second alarm is connected to the telephone's AEI interface via a switch contact.

Please contact BOSCH TELECOM as required.

## T

### Transfer call (→ p. 38)

You answer an additional call during an existing call and connect this call to another party. The function is programmed as a standard.

### Text shift key

This key allows you to view text which is abbreviated in the display with "...” because it is too long for the display line. The key moves the text through the display.

This function is useful when you find a minimail in your mailbox and the name of the sender is only partially visible in the display, for example.

### Trap

You can register the call numbers of unwanted callers.

## 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 appears when you press the “Arrow up” or the “Menu” key.

### Menu displays

#### A

Assigning line for PAxx

(only TH) 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.

Audio/Contrast

Set the acoustic pattern and volume for the loudspeaker and alter the contrast of display messages.

#### C

Call back

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.

Call charges

Display charges in currency or in units: for the last call and the current total of all calls.

Call diversion

You can divert calls to another telephone in your system.  
You can also divert calls to an external line depending on the system.

#### D

Display call list

All incoming calls that you did not answer are listed in the call list. You can answer these calls now or delete them from the call list.

#### Diver.

Call diversion: You can decide if you want to be connected to the target of the call diversion or if you want to end the call.

- connect: Press the “Enter” key.
- end call: Hang up the receiver.

#### Do not disturb

If you do not wish to be disturbed by calls, you can switch the ringing tone off. Calls are then only indicated by a short beep and the illuminated LED.

## H

#### Headset present

The message appears in the idle display if a headset is connected and switched on. To switch the headset off: Select the line.

## L

#### 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.

#### 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).

## M

#### Messages

If the symbol for “Message” appears in the idle display (✉), one or more messages are waiting for you in the telephone system. You can call them up at any time.

## O

Own emerg. no.

Your personal emergency number is dialed immediately. You can dial this emergency number even if the telephone is locked.

## P

Partner

You can divert calls to other partners, deactivate diversions, have calls for another partner indicated on your telephone and change the partner display.

PUM user:

Mobile direct dialing number (**P**riate **U**ser **M**obility): 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".

## R

Request time

Update the time, date and partner display on your telephone.

## S

### Specifications

You can switch certain functions of your telephone on or off to suit your personal requirements.

### Set function key

Setting function keys: You can assign functions to the programmable function keys for faster operation.

## T

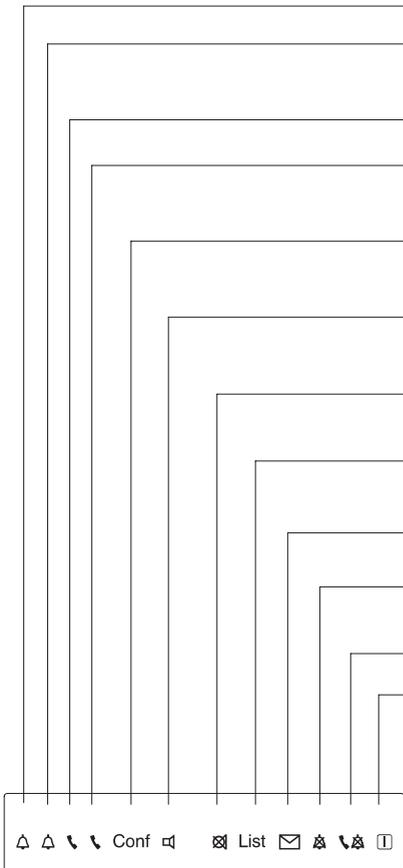
### Telephone book

You can store up to 10 call numbers and one emergency destination on speed dial keys.

### Test mode

This function activates various test procedures. The telephone cannot be used during testing.

### Symbols on the display



Someone calls you.

You receive a second call.

You are making a call.

You have a second connection.

You are part of a conference call.

The telephone loudspeaker  
("Monitor") is on.

The handset microphone is off.

You have a new entry in your call list.

There is a message for you in the system.

You have used "Do not disturb" to deactivate the ringing tone.

You have activated "No knocking".

Information has been entered in the status line.

Symbol illuminates: entry exists

Symbol flashes: new entry

If in doubt, look it up

## Menu items on the display

The menu items from which you can select the next operating step will appear on the display depending on the function you are currently performing. This overview contains all menu items in alphabetical order.

### A

#### AEI

You can connect additional devices, a headset for example, to the AEI interface on the underside of the telephone. If an additional device is installed on your telephone, you can set the appropriate AEI protocol here.

#### AEI mode AT command

If you want to use your telephone for data transmission, set the AEI operating mode to "AT command". This makes three additional menu points available for setting the baud rate, data bits, and parity.

#### AEI mode Y ETSI AT

You can connect a PC to the AEI interface on the underside of your telephone. To do this, you must set the AEI operating mode to "Y ETSI AT". You can then execute many of the functions of your telephone on a PC with PTM ("Personal Telephone Manager", a Windows program).

#### AEI operation

The AEI interface on the bottom of the telephone can be used to connect accessories, e.g. a headset.

#### AEI operation Y ETSI AT

You can connect a PC to the AEI interface on the bottom of your phone. Simply set the AEI mode of operation to "Y ETSI AT". You can then perform the following phone functions using the PTM<sup>™</sup> ("Personal Telephone Manager", a Windows program): setting the telephone, editing 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.

#### Accept call

If you want to answer an additional call.

#### Alerting 1...8

Alerting tone: Adjust the volume.

#### Audio/Contrast

Adjust the volume of the loudspeaker, the sound pattern of various tones and the display contrast.

**Menu items on the display ►**

**AT baud rate**

You can set the baud rate of your telephone for data transmission here. The values 1200, 2400, 4800 and 9600 are available. The menu point only appears if you have set the AEI operating mode to "AT command".

**AT data bits**

You can set the data bits of your telephone for data transmission here. The settings "7 bit" and "8 bit" are available. The menu point only appears if you have set the AEI operating mode to "AT command".

**AT parity**

You can set the parity of your telephone for data transmission here. The settings, "none", "even" and "uneven" are available. The menu point only appears if you have set the AEI operating mode to "AT command".

**Autom. post dialing/DTMF (→ p. 58)**

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  (→ p. LEERER MERKER)**

(only TH and TM) With this you can additionally adjust the setting for handsfree talking to room conditions. Your telephone must be designed with the comfort handsfree equipment for this. If necessary, consult your BOSCH TELECOM Service.

**C**

**Call back**

If the called party is busy, your phone will send a signal as soon as the line is free again.

Your phone and the phone of the previously busy subscriber will ring and you can set up the call.

However, this is only possible for calls within your system.

Call charges on  
Activate call metering for chargeable calls.

Call diversion  
Call diversion: You can divert calls to other phones within your system.  
Depending on the system, you can also divert calls to an external line.

Call list  
You can activate or deactivate the call list.

Call list: ELC in/out XXX  
If calls with an external line code which differs from yours are entered in your call list, this code can automatically be converted into your code using this function.  
First, enter the external line code that is specified with the incoming calls in your call list.  
Now enter the "sending" external code that you normally use for external calls.  
All calls entered in the list are now given your external line code and you can dial these numbers directly from your call list.

Call list Entries 1  
Someone tried to reach you while you were away or on the phone. You can display information on the call or dial the respective number immediately.

Call sum  
The charges incurred for all calls are displayed  
(in either currency or charge units).

CD  
Code dialing: You have assigned the "Code dialing" function to a programmable function key. When you press the respective key, the message "CD" appears on the screen and you are prompted to enter the desired code dial number.

Call charges  
You can display the incurred call charges.

Charges for last call  
The charges for the last call are displayed.

**Menu items on the display ►**

**Clear call charges**

You can reset the charge counter for the displayed call and the total of all calls (the latter if enabled by your BOSCH TELECOM service representative).

**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).

**Conference**

You speak to two parties simultaneously. Each of the three can speak to each of the others (only possible with refer-back participants).

**Contrast 1...5**

Turn the display lighter or darker.

**Correction**

Correct the specified number by pressing the "Enter" key (can also be used for numbers dialed with the redial key).

**Costs per unit:**

Costs per unit: Enter the current cost per unit charge (3 digits).

**CSTA Answer Call**

If your telephone network and PC network are connected together for CSTA (Computer Service Telephony Application) and the function CSTA Answer Call is cleared, you can receive calls on your PC. When the telephone rings, click on the icon for CSTA Answer Call on your PC screen. The telephone is thus switched to "Handsfree talking", and you can talk to the caller.

**Current PIN**

Enter the current code (PIN) to unlock the telephone.

## D

### Delayed redial

If the line is busy, the number is automatically redialed up to five times in 30-second intervals.

This setting can be modified by your BOSCH TELECOM service representative.

### Delete

The entry is deleted, e.g. the charge counter.

### Delete all

All entries in the call list or all messages are deleted simultaneously.

**Warning:**

All entries are deleted immediately when this function is selected. Press the "Disconnect" key if you do not want this to happen.

### Dir. dial digits

Your phone begins to dial as soon as you enter the digits of a call number.

### Dir. dial partners

Your telephone dials the call number of your partner as soon as you press the partner key.

### Display

Tests the display.

The display first shows all symbols, then some of the symbols used on your display. Each display remains on the screen for 5 seconds.

### Display amount

You specify that the charge amount is to be displayed in the respective currency.

### Display call list

If you want to display the call list. The call list stores all calls that you did not answer (condition: the call list must be activated).

### Display units

You specify that the call charges are displayed in units.

**Menu items on the display ►**

Div-busy.

Call diversion on busy: Divert call if your line is busy (does not function with partner key).

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

Div. from

Call diversion from: Diverts calls from one of your partners to you.

Div. not programmed

Diversion: You have not programmed any partner diversions.

Diversion 212 to 243 on

Diversion: You have activated a partner diversion from 212 to 243.

Diversion 212 to 243 off

Diversion: You have not activated partner diversion from 212 to 243.

– Toggle between your first partner and an additional caller.

Divert call?

The caller can decide whether to set up a call to the call diversion number or cancel the call.

**E**

Enter new PIN

Enter new 4-digit code (PIN).

Enter speed dial code

You pressed the speed dial key and are prompted to enter the desired code.

**F**

Function key free

Erase the current programming of the function key.

## H

Handsfree equipment (→ p. 34)

(only TH and TM) Headset, microphone unit which can be connected to your telephone so that both hands are free.

Handsfree sett. (→ p. LEERER MERKER)

Setting handsfree calling: You can adjust handsfree calling to your office and surroundings.

Headset present

Headset present: Switch this menu point to

- “Handset”, if a headset is connected to the handset interface.
- to “AEI”, if a headset is plugged into the AEI interface,
- to “No”, if no headset is connected.

If a headset is present, a message appears in the idle display. You can switch off a headset easily by selecting the message in the idle display.

## I

Interchange calls

- Answer a second call before the first call.

Interchange users

During a conference call you can display either of your conference partners to see the incurred charges or speak to one partner separately.

Press the “Refer-back” key to put the party not being displayed on hold.

## K

Key beep (→ p. 59)

Switch the keyboard beep on or off.

Keyboard

Starts the keyboard test. You can test all keys on the keyboard.

Press the key you wish to test. The key designation appears on the display if the key is functioning properly.

The “Disconnect” key is functioning properly if it interrupts the test mode display.

## L

### Lock

To lock your phone.

### Lock

You can protect your telephone from unauthorized users. You can also determine which functions are to remain available after the lock has been activated (lock levels must be enabled by your BOSCH TELECOM service representative).

### 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.

### Log off

You can log out of the automatic call distribution.

### Log on

You can log in for automatic call distribution.

### Loudsp. 1...8

You can adjust the volume of the telephone loudspeaker during a call. This change is only valid for the duration of the current call.

## M

### Memory

Tests the transient memory which stores all current settings of your phone. This memory is not protected against power failure.

The message "No error" appears on the screen and a positive acknowledge tone is triggered if the memory is functioning properly.

If not, you will hear a negative acknowledge tone. Contact your BOSCH TELECOM service representative if this is the case.

### Messages

If the symbol for "Message" appears in the idle display (✉), one or more messages are waiting for you in the telephone system.

You can call them up at any time.

Microphone Off/On

Turns the receiver and telephone microphone on or off.  
If the microphone is off, your partner cannot hear what is said in the room.

Monit.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

Next entry

You can display the next entry, e.g. in the redial memory.

New: from PA X to PA Y

You can enter a diversion from partner X to partner Y.  
To do this, just press the keys for the desired partners.

No charges acc.

Deactivate call metering for chargeable calls.

No. 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

Own emerg. no. 1 - 10

Your personal emergency number is dialed immediately. You can dial this emergency number even if the telephone is locked.

## P

Part of group

You can switch your phone in and out of a hunt group. This function must be enabled by your BOSCH TELECOM service representative.

**Menu items on the display ►**

Partner Div.

Partner diversion: Within your partner group, you can divert calls from one telephone to another.

Pick up a call

You can pick up calls for other subscribers on your telephone. Enter the call number, press the function key and press the "Enter" key.

PIN entry

You can enter and modify a 4-digit PIN number and use it to lock and unlock your phone.

**R**

Receive VIP funct on/off/authorized

Receive VIP functions: You can activate the team functions for all subscribers or for authorized users only. Authorized users must be stored with the entry "VIP yes" when storing speed dial numbers. You must first enter your PIN.

Referback/Partner/R key

You can decide whether a refer-back is to be initiated immediately when using a partner key or whether the R key must be pressed first.

Refuse call

You are having a conversation and do not want to answer additional calls. The caller hears the busy signal.

Remote no. display

Remote number display: You can decide whether your call number is to be displayed on the screens of the remote subscriber. This function must be enabled by your BOSCH TELECOM service representative.

Request time

Update the time, date and partner display.

Return

Return to the previous display window.

Ringring 1...8

Change the volume of the ringing tone.

### Ringling tone

You can activate or deactivate the ringing tone.

If the ringing tone has been deactivated, you will hear a one-time signal to indicate an incoming call.

## S

### Second call

Deactivate second call in the “Specifications” menu (only possible in idle mode) if you do not want to be disturbed by additional calls. These calls are entered in the call list. You can also activate this function during a call if you have assigned the “Second call” function to a function key.

### Setup partner display

Setup partner display: You can stipulate whether the conversation status of individual telephones from your partner group should be displayed.

### Setup partner beep

Setup partner beep: You can have calls for a subscriber from your partner group signaled simultaneously on your telephone.

### Setup partner display

Setup partner display: You can stipulate whether the conversation status of individual telephones from your partner group should be displayed.

### Setup partner beep

Setup partner beep: You can have calls for a subscriber from your partner group signaled simultaneously on your telephone.

### Signal 1...8

Adjust the volume of the signal tone.

### Signal tone off

You can turn off the signal tone.

### Soundcall 1...8

Change the sound pattern of the ringing tone.

### Sound VIP 1...8

Change the sound pattern of VIP ringing.

### Speech path

Starts the speech path test. You can test the receiver and the monitoring function by blowing into the receiver.

The symbol for “Handset off-hook” appears on the display when the handset is lifted.

The symbol for “Monitoring on” appears on the display when the monitoring function is turned on.

### Store

Store your input, e.g. your new PIN.

### Store data Immediately

You can store data “immediately” at any time.

**Warning:** You could damage the software if you pull out the plug of your telephone while saving data!

### 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.

### Store data on/off

You can decide whether your data is to be stored in a permanent memory.

## T

### Test mode

This function can be used to activate various test procedures.

The telephone cannot be used during testing.

### Telephone book

You can store up to 10 call numbers, one emergency destination and your own call number on speed-dial keys.

### Tone dialing next

You can send tone-dialed digits during a call, e.g. to activate an answering machine.

Tone dialing next Slow/Medium/Fast

You can change the length of DTMF pulses (DTMF = dual tone multi-frequency dialing). This may be necessary if an answering machine does not react to the signals transmitted by your phone. Some answering machines require a pulse length of 1000 ms, others 100 ms. The default setting on your phone is 500 ms.

Tone ringing

Tests the ringing tone.

The 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.

Trap a call

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 ringing

Turn off the ringing tone during a call. Calls are then signalled by a one-time special information tone.

## U

Unlock PIN

You want to unlock your phone. Enter the current PIN code to unlock the phone.

Units on

Specify whether you want the charges to be displayed in currency (off) or charge units (on).

User functions

You can register for automatic call distribution.

## V

### View VIP mess.

You can view a message which has come from a subscriber from your partner group during a conversation. This menu point only appears in the menu if you have received a VIP message.

### VIP ringing tone

Set this option to "Off" if you want to deactivate VIP ringing. The VIP ringing tone is used to signal special calls from your team partners.

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 other acoustic signals that inform you of various telephone procedures.

You can listen to and adjust almost all tone settings in the menu "Adjust audio + contrast setting" and deactivate them in the "Do not disturb" menu (→ p. 66).

### Tones for internal and external calls



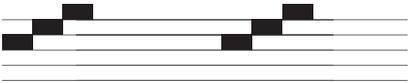
Normal ringing tone for external calls:  
You can switch off this ringing tone.



Normal ringing tone for internal calls:  
You can switch off this ringing tone.



Alerting tone:  
additional call during an existing call,  
partner beep.



VIP call:  
VIP function; you can switch off this ringing  
tone.



Positive acknowledge:  
is transmitted if the function was performed  
properly.



Negative acknowledge:  
is transmitted if the function cannot be  
performed.

### Tones in the handset



Signal tone:  
when monitoring and on-hook dialing are  
activated. This tone is also heard by your  
partner.

## If something goes wrong

### **The incorrect date and time are displayed**

Select the menu item "Request time".

The system automatically updates the date and time.

### **Unknown message on the display**

Please see the section *Display messages* (→ p. 77) for the meaning of the message.

### **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 deactivated 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".

The system automatically updates the partner display and the date and time.

### **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 refer to the chapter *Additional call during an existing call* (→ p. 38) for possible operating steps.

**or**

You have activated monitoring. You and your partner hear a short alerting tone.

### **Telephone does not react to input**

Perhaps you have entered an incorrect PIN three times consecutively. The telephone is then blocked for 15 minutes.

### **A function is not performed**

Your BOSCH TELECOM service representative may need to enable this function. Functions which have to be enabled are tagged with .

### **Telephone prematurely aborts programming**

You may not have pressed a key during the last 60 seconds. This will cancel all programming procedures. Programming is also canceled when you answer a call.

### **Call diversion is not performed**

Check whether the defined call diversion has been activated.

### **Additional digits cannot be dialed for a call number that was dialed with code dialing**

Postdialing is probably blocked.

### **A call is displayed on the screen, but your phone does not ring**

Check whether the ringing tone has been deactivated (in the "Do not disturb" menu).

### **No entries in the call list**

The call list has probably been deactivated. Reactivate the call list in the "Specifications" menu.

## Protecting the phone from unauthorized users

You can protect your phone from unauthorized users by locking it with a secret code. You must specify your code before locking the phone for the first time. You may enter it personally and change it at any time. You will also need your PIN to activate VIP functions.

### Specifying/changing your PIN



Select the desired menu item.



Select the menu item "PIN Entry".



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 4-digit PIN code.

Select a number greater than 2000.

This new code is now saved.

### Locking the telephone



Select the menu item for locking and unlocking.



Select the desired menu item.

Your phone is locked. You can only dial emergency numbers.



The status display shows this message.

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).

### Unlocking the telephone



Select the desired menu item.



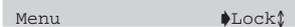
Enter the PIN code.

You can use your phone again as usual.

#### Note:

If you enter an incorrect PIN number three times consecutively, the telephone is blocked for 15 minutes.

### Setting the lock levels □



Select the menu item for locking and unlocking.



BER 1: 1..5 Locking

Enter the desired locking level with the number keys.

You have the following selection:

- 1 Only emergency calling free
- 2 Emergency calling and internal calling free
- 3 Emergency calling, internal calling, coded dialing, TA and AEI free
- 4 Setting blocked
- 5 No lock

You can lock your telephone now.

## 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 the test mode once the tests have been completed. Each test takes just a few seconds.

### Starting the functional test

Menu      ▶Test mode↑

Select the desired function.

Componen... ▶Tone ringing↓

You can now display the components you wish to test.

Components      ▶Memory↓

Select the desired function, e.g. "Memory".

The test procedure is initiated.

**Note:**

This function can be used to test the following components:

- memory
- tone ringing
- keyboard
- display
- speech path (blow test).

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



Select the menu item "ACD function".



Enter your personal call number (max. 5 digits).



Enter your 6-digit code.

Your personal call number and code are valid on every ACD phone in your system.



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 out".

## Additional information and functions

Your telephone is equipped with an AEI interface to which you can connect various accessories.

### Replacing the legend strips



You can label and insert the legend strips under the programmable function keys. This allows you to see exactly which functions have been assigned to these ten 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 telephone. 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 different 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.

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