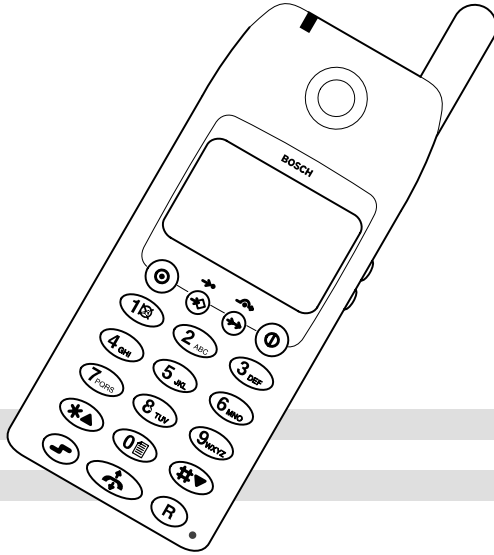


# Operating instructions MM588



connected to Integral 3



# BOSCH

## Important information

### Caution!

The handset must not be used in areas susceptible to explosions!

### Keep away from dampness

Protect your handset against dampness. Do not, for example, leave it outdoors when it is raining. This could damage the handset.

### Protect against interference

Other electronic devices are generally protected against RF irradiation. However, a device of this kind which is insufficiently protected may lead to malfunctions.

### Never unscrew the handset housing!

The housing could be damaged as a result. It does not contain any components that can be repaired by yourself.

### Operating the battery

At first, charge the battery to its full capacity, e.g. overnight. In the first week of operation, always place the handset back in the charger after use.

New battery cells will generally only reach their full capacity after several days of standard operation.

Batteries must be used in the appropriate manner.

Bosch is not liable for damage which occurs due to inappropriate handling of the battery.

### Charging the battery in standard operation

The charging time for an empty battery is approximately 8 hours.

### When the batteries are exhausted

Exhausted batteries do not belong in the household rubbish, and are to be disposed of in the appropriate manner! Refer to P. 68, **Consumer information**.

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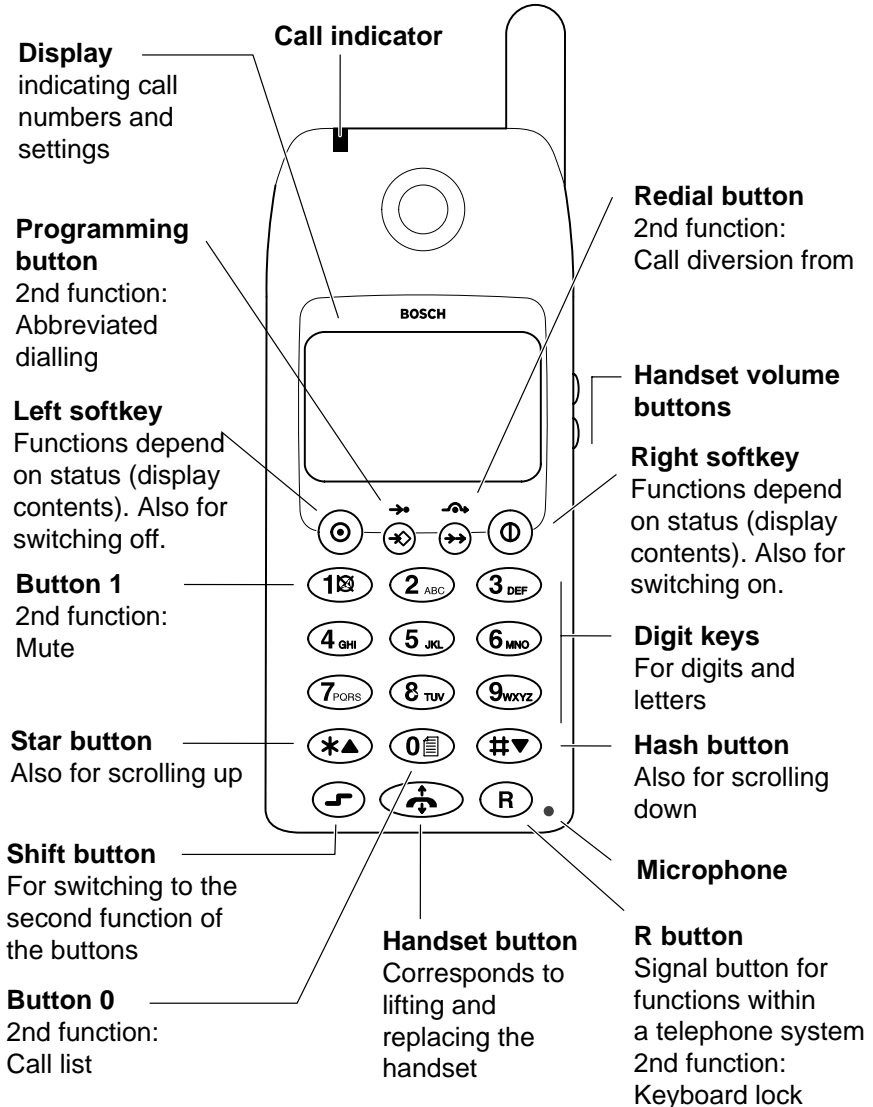
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# Overview



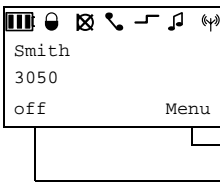
## Display

Various texts and symbols in the display assist you in operating the handset.

The texts and symbols are provided in the display to guide you through the menus and inform you about the status of your handset.

The functions of the right and left softkeys change according to the current status. The respective functions are shown in the display directly above the softkeys.

### The lines in the display



**Symbol line** indicating the status of the telephone.  
**Two text lines** e.g. for the name and call number.

**Function of the right softkey** e.g. Menu.

**Function of the left softkey**, e.g. off.

### Symbol meanings

Battery full, battery nearly full, battery nearly empty, battery empty, (battery symbol flashing) capacity for less than five minutes!

**Mute:** The microphone is off. Your call partner cannot hear you.

**Lock:** The handset is locked.

**Handset:** The handset has a telephone connection.

**Shift:** The shift button is pressed.

**Dual-tone multifrequency dialling:** Each push of the button is transmitted to the connection subscriber (DTMF post dialling) as DTMF tone coding (with audible output).

**Within range of the system:** Your handset is within range of a base station. You may make a call.

**Connection to system:** Your handset has a radio link.

## Display

Continued

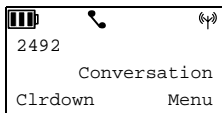
The display of your handset can accommodate a maximum of 16 characters in each line.

The layout of the display contents depends on the status of your handset.



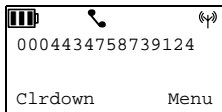
### In basic status

The display shows the first 16 letters of your name or the number.



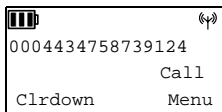
### Name display

If you are calling an internal subscriber, the display shows the subscriber's internal call number or name.



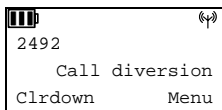
### When making a call

The display shows the number (the last 16 digits) and possibly the name.



### When you are called

The display shows the name or number.



### When a call is diverted to you

The display shows the number and call diversion.

## Commissioning

When you receive your handset, it is registered in the system and ready for operation. All you need to do is connect the supplied charger.

### Placement of the charger

Place the charger on a solid, even surface, e.g. a table. Choose a location that is protected from direct sunlight and dampness. Please also observe the information on P. 66.

Insert the mains plug into a socket. The charger is ready for operation.

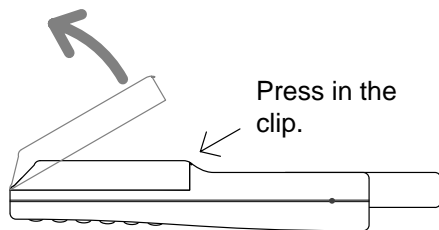
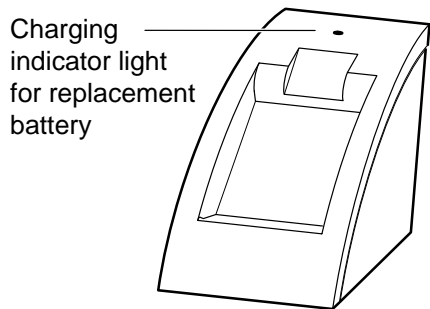
### Charging the handset

Simply place the handset into the charger. You will hear an acknowledgement tone. The display and keypad lights will switch on briefly. The battery symbol in the symbol line will start to move. The battery is being charged.

When the batteries are being charged, they will become slightly warm. This is perfectly normal.

### Removing the battery

Place the handset on a table with the display facing down. Press in the clip. Pull up the clip on the battery.



Before using the handset for the first time, the batteries should be charged for at least 8 hours.

New battery cells will generally only reach their full capacity after several days of standard operation.

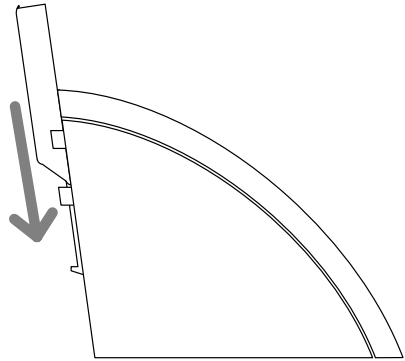


## Commissioning

Continued

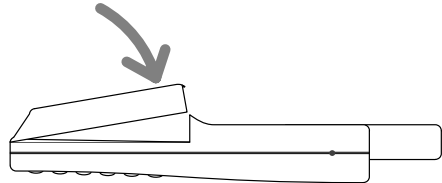
### Charging the replacement battery

Place a replacement battery in the charging holder (rear side of the charger). Slide the battery through the guide notches parallel to the rear panel. Make sure that the battery clicks into place. The charging indicator light switches on.



### Fitting the replacement battery

Place the replacement battery onto its rear edge. Tilt it onto the handset. Make sure that the battery clicks into place.



### Vibra battery

A Vibra battery is available for the handset. The Vibra battery serves to vibrate the handset when a call is received. How to activate the vibration is explained on Page 45.



---

The charging process is ended when the replacement battery is full. The charging indicator light will then switch off.

If a handset is placed in the charger, the handset will be charged. The replacement battery will not be charged during this period. The charging indicator light remains switched off.

The battery symbol in the display will only provide a reliable indication of the charging status once the handset has been completely charged for the first time!

## Commissioning

Continued

### Carrying clip

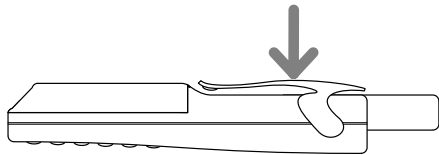
The clip is designed for carrying your handset in an office environment. It will not stay attached to wide leather belts. To carry the handset outdoors, please use the carrying case which can be obtained as an accessory.

### Releasing the clip

To release the clip, bend the lateral clamps slightly apart.

### Attaching the clip

Place the handset on a table with the display facing down. Attach the clip to the handset from above. Make sure that the clamping lugs click into place.



When inserting a Vibra battery into the handset, it may occur that the battery vibrates briefly. This is perfectly normal.

# Commissioning

Continued

## HSG30-DECT Combined handset / headset

The HSG30-DECT combined handset / headset is available for the handset. The connector socket is located on the base of the handset.

The combined handset / headset enables “handsfree” telephoning. The microphone and loudspeaker in the handset will then be **switched off**.

The handset rings when a call arrives.

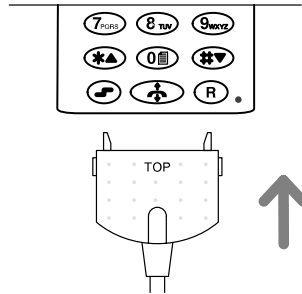
All other functions are unaffected.

### Connecting the combined handset / headset

Place the handset on a table with the display facing up.

Hold the connector of the handset / headset so that you can read the embossed text TOP.

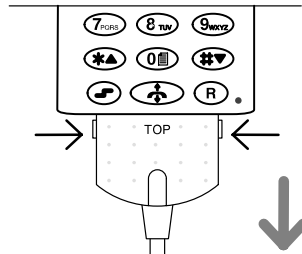
Insert the connector into the socket on the bottom of the handset. Make sure that the clip clicks into place.



### Disconnecting the handset / headset

Press in the lateral locking lugs.

Remove the connector of the handset / headset from the handset.






## Basic rules of operation

The operation of your telephone includes several operating steps which are often repeated. Please familiarize yourself with these operating steps.



### Left and right softkey

The function of the softkeys changes according to the situation. The respective function always appears in the display above the softkey, e.g.


**Menu** or **off**.

-  The right softkey is used for switching on, calling up menus or confirming.
-  The left softkey is used for ending a menu option or cancelling.
-  If you press the key for a **long** period when in any of the menus, the handset will be returned to its basic status.


### Star and hash buttons

-   The star and hash (#) buttons are used for scrolling in lists and menus.

### Switching on the telephone

-  The telephone is switched off. Press the right softkey for a **long** period.

### Switching off the telephone

-  The telephone is in basic status. Press the left softkey for a **long** period.




If you place the switched off handset into the charger, the handset will be switched on after a while and the charging process will be indicated.


## Basic rules of operation

Continued

### Selecting a menu


Some functions and settings of your telephone can be obtained via the display contents (menu). The menu is set out in such a way that most of the menu options lead to submenus.

 Call up the menu using the right softkey.

 Use the star and hash (#) buttons to mark the desired menu option, e.g. `System`.

 Select the menu option using the right softkey.


### Menu level back

 The left softkey enables you to move to the next menu level up or leave the menu.

### Submenus

Submenus are operated in exactly the same way as the main menu.

### Cancelling

 Press the left softkey for a **long** period in order to reach basic status.



## Basic rules of operation





Continued




### Entering characters for telephone directory entries




The digit keys may also be used to enter letters and characters, e.g. for names in your personal telephone directory. The letters are printed on the digit keys. Your telephone will automatically switch to the input of letters and characters when this is required. The table of characters on Page 70 indicates which character404s you may enter.

Example: Entering the name "JOHN":



 Press the JKL button once.  appears in the display. Wait briefly.

   Press the MNO button three times.  appears in the display. Wait briefly.


  Press the GHI button twice.  appears in the display. Wait briefly.

  Press the MNO button twice.  appears in the display. Wait briefly.

### Ending input

  Press the right softkey twice. The characters are accepted.

### Correcting characters

 Press the left softkey.

### Deleting the line

 Press the left softkey for a **long** period.



To switch between upper and lower case letters: Press the key for a **long** period.

The table of characters on P. 70 shows the lower case letters in the second line.

## Telephoning in the usual manner

Internal Calls: Dial the internal call number required. External Calls: Dial the outside line code, (usually 9) followed by the external number required.

### Making a call



Lift the handset.



Dial the call number, e.g. 1276.

### Ending a call



Replace the handset.

### Accepting a call



Your handset rings.



Lift the handset.

### Redialling



Lift the handset.



Press the redial button.



If you have received a message, this will appear briefly in the display after replacing the handset. Messages, refer to P. 32.

## Telephoning in the usual manner

Continued

### Specific redialling

With specific redialling, the dialled number is specifically stored in the redialling memory even if you continue to make further calls.

The redial button will then retrieve the stored number.



You have made a connection. **Do not** hang up.



Press the redial button. The number is then sent to the redialling memory.



Replace the handset.

### Telephoning via a specific line bundle



Menu `Dial assist`



Menu `Line group`



Select the line group, e.g. `Line group 1`



Confirm.



Dial the call number, e.g. 012345.





The Specific redialling feature must have been enabled.





**Telephoning in the usual manner**

Continued

**Private telephoning**

  Menu **Dial assist**

  Menu **Priv.line group**

 Confirm.

      Dial the call number, e.g. 012345.

## Callback

If the internal call partner who you wish to call does not answer or is busy, you may activate an automatic callback. You will be informed when a busy subscriber becomes free and/or when a subscriber who did not answer has made a call.

### Activating a callback



The subscriber is busy.



Menu `Dialing options`



Menu `Callback`



Confirm.

`Callback` appears briefly in the display.



Replace the handset.



Your telephone will ring when the desired subscriber becomes free.



Lift the handset. The connection is made.

### Cancelling a callback



Press the # key, followed by 66.

`Callback off` appears briefly in the display.



If you lift the handset after a certain time, the callback will be cancelled. This waiting period is set in the system.

## Consultation call and call forwarding

When you are making an external call, you may mute the handset and subsequently hold private consultation with someone in the room or an internal subscriber. Your call partner, who is left waiting on the line, cannot hear this consultation. It is also possible to forward the caller to an internal or external subscriber.

### Consulting with an internal subscriber



You are speaking on the telephone.

**R** Switch to consultation by pressing the R button. Your call partner can no longer hear you.

**7** PQRS **6** MNO **5** JKL **4** GHI Enter the internal call number of the desired subscriber, e.g. 7654.



You are connected. Your initial call partner is left waiting.

### Ending consultation and returning to the first call

**R** End consultation by pressing the R button.

You are now reconnected to the initial call partner.

## Consultation call and call forwarding

Continued

### Transferring a caller



You are speaking on the telephone.

**R**

Switch to consultation by pressing the R button.

**7** PQRS

**6** MNO

**5** JKL

**4** GHI

Dial the number of the desired subscriber,  
e.g. 7654.



Announce the call.



Replace the handset.

Your first call partner is now connected to your second call partner. Your line is now free.



An external – external forward must be enabled by the Bosch Service.

You may forward the caller directly, or wait until he lifts the handset. In the event that the internal subscriber does not answer the call, the call will be returned to you in a short time.

You may also provide an external forward for an external subscriber. However, this is only possible if the first external subscriber is also the caller.

An external – external forward seizes two exchange lines!

## Second call during a conversation

If a second external caller attempts to contact you while you are telephoning, you will hear an acoustic signal. If you wish to do so, you may end the current call and accept the second call. You may also choose to ignore the second call.

This function must be enabled within your telephone system.

### Accepting a second call



You are speaking on the telephone. You hear a quiet ringing tone.



Replace the handset. The second call is still waiting.



Lift the handset. You are connected to the second caller.



The second caller hears a ringback signal.

If the second call originates from a digital line and you do not answer the call, it will be placed in the call list.

## Abbreviated dialling

Within your telephone system, frequently used call numbers are stored centrally under specific code numbers. You may dial one of these numbers by entering the respective code number. (If you wish to specify additional call numbers, please contact the Bosch Service.)



Lift the handset.



Press the shift key, followed by the abbreviated code dialling key.



Enter a three-digit code number, e.g. 900.












You may supplement the stored call number using the digit keys (post dialling).













## Local telephone directory

You may store up to 50 numbers. These numbers are not stored in the telephone system, but locally in your handset.

### Searching for an entry using the arrow keys

-   Menu `Dial assist`
-   Menu `Local tel. dir.`
-   Menu `Search`
-  Confirm.
-  Search for the entry, e.g. `Claes`
-  Lift the handset.

### Searching for an entry by entering the first letter

-   Menu `Dial assist`
-   Menu `Local tel. dir.`
-   Menu `Search`
-  Confirm.
-    Enter the first letter, e.g. C. The first entry that starts with C appears in the display, e.g. `Carl`.
-  Search for the entry, e.g. `Claes`
-  Lift the handset.

**Local telephone directory**

Continued

**New entry**

⓪ # Menu **Dial assist**

⓪ # Menu **Local tel. dir.**

⓪ # Menu **New entry**

⓪ Confirm.

7 POQRS 6 MNO 5 JKL 4 GHI Enter the number (up to 24 digits), e.g. 7654.

⓪ Confirm.

2 ABC ... Enter the name (up to 16 characters). How to do this is explained on P. 14.

⓪ Confirm. **entry save?** appears in the display.



⓪ Confirm.



**Local telephone directory**



Continued

**Changing an entry**





  Menu `Dial assist`

  Menu `Local tel. dir.`


  Menu `Edit`


  Confirm. Search for the entry, e.g. `Claes`

 Confirm.

    Change the number, e.g. 7654 (up to 24 digits).

 Confirm.

 ... Change the name (up to 16 characters). How to do this is explained on P. 14.

 Confirm. `entry change?` appears in the display.

 Confirm.

## Local telephone directory

Continued

### Deleting an individual entry

- ① # Menu `Dial assist`
- ① # Menu `Local tel. dir.`
- ① # Menu `Clear entry`
- ① # Confirm. Search for the entry, e.g. `Claes`
- ① Confirm. `delete?` appears in the display.
- ① Confirm.

### Deleting all entries

- ① # Menu `Dial assist`
- ① # Menu `Local tel. dir.`
- ① # Menu `Clear all`
- ① Confirm.
- ⑦<sub>PQRS</sub> ⑥<sub>MNO</sub> ⑤<sub>JKL</sub> ④<sub>GHI</sub> Enter the PIN, e.g. 7654 (refer to Page 50).
- ① Confirm. `Really delete all entries?` appears in the display.
- ① Confirm.

## Local telephone directory

Continued

### Querying the free capacity

⓪ #▼ Menu `Dial assist`

⓪ #▼ Menu `Local tel. dir.`


⓪ #▼ Menu `Capacity`




⓪ Confirm. The following appears in the display, e.g.: `Positions: 50`  
`incl. free: 45`.


## Central telephone directory


The names and call numbers of important call partners are stored within your telephone system. You may dial these numbers at any time.

### Rapid search for an entry


 Press the shift key.



   Enter the first letter, e.g. C. The first entry that starts with C appears in the display, e.g. `Carl`.

 Search for the entry, e.g. `Claes`


 Lift the handset.



### Scrolling forward

 Per name using the # key.


  Per first letter using the shift and # keys.

### Scrolling back



 Per name using the star key.

  Per first letter using the shift and star keys.

### Dialling the displayed call number

 Lift the handset.

### Dialling the displayed call number in consultation

  Press the shift key, followed by the abbreviated code dialling key.

### Cancelling

 Clear down button.





The central telephone directory must be set up within your system.

**Central telephone directory**


Continued




**Searching for an entry via the menu**


  Menu **Dial assist**




  Menu **Centr. tel. dir.**

 Confirm.

 Press the shift key.


   Enter the first letter, e.g. C. The first entry that starts with C appears in the display, e.g. **Carl**.

 Press the shift key.

   Enter the next letter, e.g. L. The first entry that starts with CL appears in the display, e.g. **Claes**.

Enter further letters if required.

 Scroll to the desired entry, e.g. **Clee**

 Lift the handset.

## Call list

If a caller cannot reach you, his ISDN call number will be entered in a call list. When you switch on your handset or end a call, a corresponding message will appear briefly in the display.

### Viewing and dialling the call numbers

The following appears in the display: `Call list`.



Press the shift key, followed by the call list key.

The first caller in the list appears in the display, e.g. `069194193`.

### Scrolling



Use the # key to scroll.

### Dialling the displayed number



Lift the handset.

### Dialling the displayed number in consultation



Press the shift key, followed by the abbreviated code dialling key.



This function must be set up within your telephone system.

Internal callers in the list are identified by a preceding I and are entered with their direct inward dialling number or name.

Up to ten entries can be stored in the call list.


Subscribers with an analog connection or activated call suppression will not be entered.

If you have returned a call to a subscriber from the call list, the respective entry will be deleted automatically.

**Call list**



Continued


**Cancelling**


 Use the left softkey to cancel.

**Clearing individual call numbers from the call list**

The following appears in the display: `Call list`.

  Press the shift key, followed by the call list key. The first caller in the list appears in the display, e.g. `069194193`.

 Use the # key to scroll.

 Use the 0 key to delete.




## Messages

You may receive messages. The message will appear briefly in the display subsequent to receipt and after each telephone conversation. The message can be cleared once you have read it.

### Receiving a message

A message appears briefly in the display, e.g. `Meeting 14:30`.

### Clearing a message



   Press the # key, followed by 67. The display is in basic status.





## Suppression of call number display

If you do not wish to inform an external call partner of your call number, you may prevent your call number from being indicated in the call partner's display.

### Suppressing the display of your own call number

  Menu `Dialing options`



  Menu `Rem. No. displ. on`



 Confirm.

The following appears briefly in the display: `Rem. No. displ. off`

When making your next telephone call, your call number will not be indicated in the call partner's display.

### Reactivating the display of your own call number

  Menu `Dialing options`

  Menu `Rem. No. displ.`

 Confirm.

The following appears briefly in the display: `Rem. No. displ. on`





The call number suppression must be enabled at the exchange.


After a call, the display of your call number will be reactivated automatically.



## Follow me (to the handset)

You may have calls diverted to you from a connection in your telephone system. Your handset must be within range of the telephone system. You may set up several call diversions one after the other to your handset.

### Diverting calls



  Press the shift key, followed by the follow me key. The following appears in the display: `Call div. from`


 Press the 1 key.



  Enter the number from which you wish to divert calls, e.g. 27.

The following appears briefly in the display: `Call div. from 27 -` or `Call div. from Carl -`. All calls for the specified call number will be diverted to you.

### Delayed call diversion

  Press the shift key, followed by the follow me key. The following appears in the display: `Call div. from`

 Press the 2 key.

  Enter the number from which you wish to divert calls, e.g. 27.

The following appears briefly in the display: `Call div. from 27 -` or `Call div. from Carl -`. All calls for the specified call number will be diverted to you.



The message “Call div. from 27” will only appear in the display if no entry is available in the call list. If entries are stored in the call list, the message “Call list” will appear in the display.

## Follow me (to the handset)

Continued

### Call diversion when busy



Press the shift key, followed by the follow me key.

Call div. from appears in the display.



Press the 3 key.



Enter the number from which you wish to divert calls, e.g. 27.

Call div. from 27 - or Call div. from Carl - appears briefly in the display. All calls for the specified call number will be diverted to you.

### Viewing a call diversion

When in basic status, you may check whether you have set up a call diversion.



Press the star key and the left softkey.

The current call diversion appears briefly in the display. e.g.:

Call div. from 27 - .

### Cancelling all call diversions





Press the shift key, follow me key and #.



Call div. from off appears briefly in the display.



## Call diversion

You may divert all calls from your handset to another connection in your telephone system. The handset must be within range of the system.


### Call diversion

  Menu `Addit. services`

  Menu `Call diversion`

  Menu `Call div. to`


 Confirm.



 Press the 1 key.

  Enter the call diversion destination, e.g. 24.


### Delayed call diversion



  Menu `Addit. services`

  Menu `Call diversion`

  Menu `Call div. to`

 Confirm.

 Press the 2 key.



  Enter the call diversion destination, e.g. 24.



## Call diversion

Continued


### Call diversion when busy



  Menu `Addit. services`

  Menu `Call diversion`



  Menu `Call div. to`

 Confirm.


 Press the 3 key.



  Enter the call diversion destination, e.g. 24.



### Viewing a call diversion

  Press the star key and the left softkey. The following appears briefly in the display, e.g.: `Call div. to 24`.

### Cancelling a call diversion

  Menu `Addit. services`

  Menu `Call diversion`


  Menu `Clear`



 Confirm.



## Call forwarding



You may forward an external call from your handset to another connection that is programmed in the telephone system (call forward position). This function must be set up by the Bosch Service.


### Forwarding a call

 Your handset rings.

  Menu `Addit. services`

  Menu `Call diversion`

  Menu `Call forwarding`

 Confirm. `Call forwarding` appears briefly in the display.

## Announcement

You may make an announcement from your handset to a connection within your telephone system. It is not possible to make an announcement to another handset.

### Making an announcement



Lift the handset.



Dial the call number, e.g. 1276.



Menu `Dial assist`



Menu `Announcement`



Confirm.

`Announcement` appears in the display. Speak now.

### Ending the announcement



Replace the handset.



You will not be able to direct an announcement at a subscriber if he is busy.


This function must be enabled within your telephone system. Please contact the Bosch Telecom Service if you require further information.



## Pick-up

From your handset, you may retrieve (pick up) calls from other subscribers of your telephone system.

### Retrieving a call (pick-up)



 Another telephone rings.


 Lift the handset.

  Menu `Pick up calls`

  Menu `Pick up`

 Confirm.

  Enter the call number of the subscriber whose call you wish to retrieve (pick up), e.g. 27.

 You are connected.



If you have picked up an internal call, the number or name of the subscriber will appear in the display.

If you have picked up an external call, the number or name of the line will appear in the display.



## Accepting calls from ringing lines

### Accepting a ringing line

You hear an external call at another telephone.



Lift the handset.



Menu `Pick up calls`



Menu `Seize ring. line`



Confirm.



The name of the line or the number and/or name of the caller appears in the display. You are connected.

## DTMF Post dialling

You may switch over to DTMF post dialling whilst telephoning. Each press of a button is transmitted as a tone, thus enabling the remote control of an answering machine, for example.

### DTMF on



You are speaking on the telephone.



Menu **Conversation**



Menu **Tone PD (DTMF)**



Confirm.

♪ appears in the display. Make subsequent dialling. Each digit is transmitted as a tone.

---


DTMF will be automatically reset when a conversation is ended.



## Call charge display

You may view the charges incurred by the last external call.

### Viewing the charges


  Menu `Addit. services`

  Menu `Charges`

 Confirm.

The charges incurred by the last call appear in the display, e.g. `Pnd 1.68`

### Call charge display off

 Press the left softkey.

## Muting the microphone


You may switch off the microphone on your handset whilst telephoning. The handset remains switched on. Your call partner cannot hear you, but you can hear him.

### Muting the microphone



You are speaking on the telephone.



Switch off the microphone.  appears in the display.

### Reactivating the microphone

The microphone is off.  appears in the display.



Switch on the microphone. You may continue telephoning.







If you end a call with the microphone muted, the microphone will be automatically reactivated when commencing the next call.

## Setting the handset


You may make the handset settings when in basic status.

### Acoustics

  Menu `Set telephone`

  Menu `Set acoustics`



 Confirm.


 Make the desired ringing setting, e.g. `Ringing tone`. You may choose between the ringing tone, vibrating, both, brief ringing tone or mute.

 Confirm.

 Press the left softkey for a **long** period to return to basic status.

### Ringing volume

  Press the programming button, followed by 1. The telephone rings.

 Use the star key to increase the ringing volume.

 Use the # key to decrease the ringing volume.

 Confirm.






A vibrating battery (special accessory) is required for the vibrating ringing signal.

## Setting the handset



Continued

### Ringing sound pattern


  Press the programming button, followed by 1. The telephone rings.

 Select a melody by entering a digit (0-9), e.g. 3.

 Confirm.



  Menu `Set telephone`



  Menu `Key beep`

 Select the key beep, e.g. `Click`. You may choose between click, tone and off.


 Confirm.

### Handset volume

  Menu `Set telephone`

  Menu `Handset volume`

 Confirm.

 Enter the handset volume (from 1 to 4), e.g. 3.

 Confirm.

## Setting the handset

Continued

### Temporarily adjusting the handset volume during conversation



You are speaking on the telephone.

- Press the volume buttons on the side of the handset housing.

The set volume remains effective for the current conversation. The preset handset volume will subsequently be reactivated.

### Permanently setting the handset volume during conversation



You are speaking on the telephone.

- Press the volume buttons on the side of the handset housing.

- ⓪ Press the right softkey.

### Lighting

- ⓪ #▼ Menu `Set telephone`

- ⓪ #▼ Menu `Lighting`

- ⓪ #▼ Select the type of lighting, e.g. `off`. You may choose between off and automatic (lighting is switched on automatically when the handset is used).

- ⓪ Confirm.

## Setting the handset

Continued

### Reset

Performing a reset has the effect of returning some settings to their original status when delivered: Handset PIN, key tone, handset volume, display lighting. – The PIN must be entered for this purpose.

① # Menu `Set telephone`

① # Menu `Reset`

① Confirm.

2 ABC 3 DEF 4 GHI 5 JKL Enter the PIN, e.g. 2345.

① Confirm. `Really Reset?` appears in the display.

① Confirm.





When you receive your handset, the PIN is set to 0000. Refer to Page 50 for more information about the PIN.





## Emergency call

When your handset is locked, the only function that can be used is that of the emergency call number. The following appears in the display above the right softkey: SOS.

### Setting up and changing emergency call numbers





  Menu **Set telephone**

  Menu **Emergency No.**

 Confirm.

    Enter the PIN, e.g. 2345.

 Confirm.


    Enter the emergency call number, e.g. 6666.

 Confirm.

 Press the left softkey for a **long** period to return to basic status.

### Making an emergency call

The handset is locked. **SOS** appears in the display above the right softkey.

 Press the right softkey. The emergency call number appears in the display, e.g. **6666?**

 Confirm. The emergency call number is dialled.





In order to delete an emergency call number, you must change the number. Do not enter anything as the telephone number (press the left softkey for a long period) and confirm using the right softkey.

## Personal Identification Number (PIN)





Important settings and functions of your handset are safeguarded by means of a four-digit Personal Identification Number (PIN). You may change the PIN. The PIN also enables you to lock your handset.

### PIN





  Menu **Lock**

  Menu **Create PIN**





 Confirm.

    Enter the old PIN. (When delivered, this is set to 0000). The digits do not appear in the display.

 Confirm.

    Enter the new PIN, e.g. 2345. The digits do not appear in the display.

 Confirm.

    Repeat the new PIN. The digits do not appear in the display.

 Confirm.

 Press the left softkey for a **long** period to return to basic status.



Take good note of your PIN! If you forget the PIN, an adjustment inside the telephone will be necessary. Contact the Bosch Service in this case.

## Locking the handset

### Lock


  Menu **Lock**

  Menu **Lock**





 Confirm.  appears in the display.

### Unlocking

The handset is locked.  appears in the display.

 Press any key, e.g. the right softkey.

**Enter PIN** appears in the display.

    Enter the PIN, e.g. 2345. The PIN does not appear in the display.

 Confirm.







All functions are blocked when the handset is locked. Only the emergency call feature will work (P. 49).


## Locking the handset

Continued

### Keyboard lock via the menu

  Menu `Set telephone`

  Menu `Keyb. lock`

 Confirm.

### Keyboard lock via the keys

  Lock.

### Unlocking the keyboard

The keyboard is locked.

  Unlock.

## Language

### Determining the language of the local menu

- ⓪ #▼ Menu `Set telephone`
- ⓪ #▼ Menu `Language`
- ⓪ #▼ Language `English` selecting.
- ⓪ Confirm.
- ⓪ Press the left softkey for a **long** period to return to basic status.

---

You do not need to set the language of the system. This is already configured.





## Self-assignment

In the event that the Bosch Service has set up your handset as the night station for a central office, calls will only arrive at your handset when the night service of the central office has been activated. If you wish to be able to receive these calls at all times, you must activate a self-assignment.

### Activating a self-assignment



  Menu `Addit. services`

  Menu `Own allocation`

 Confirm.



`Own allocation` appears briefly in the display.


### Viewing a self-assignment

  Press the star key and the left softkey.

### Deactivating a self-assignment

  Menu `Addit. services`




  Menu `Own allocation`

 Confirm. `Own allocation off` appears briefly in the display.

## Self-assignment and call diversion off



If you have activated a self-assignment and a call diversion, you may deactivate both by entering a digit code.



### Deactivating self-assignment and call diversion


   Press the star key, followed by 99.

The following appears briefly in the display: `Own allocation off`  
and e.g. `Call div. to 24 off`

## Opening the door from the handset

  Menu `Dialing options`

  Menu `Door opener`

 Confirm.



---



This function must be set up by the Bosch Service.



## Associated subscriber

The Bosch Service can set up a telephone in your system as an associated subscriber, e.g. for an executive/secretary circuit. Some of the related functions are particularly convenient.

### Calling the associated subscriber



  Menu `Partner funct.`

  Menu `Ringling`

 Confirm.

### Call diversion to associated subscriber



  Menu `Partner funct.`

  Menu `Call div. to`

 Confirm.

The following appears in the display, e.g.: `Call div. to 24`

### Viewing a call diversion to the associated subscriber

  Press the star key and the left softkey.

The following appears in the display, e.g.: `Call div. to 24`





If entries are present in the call list, these have priority. Call list will then appear in the display instead of call diversion, for example.

## Associated subscriber

Continued

### Call diversion from associated subscriber



  Menu `Partner funct.`



  Menu `Call div. from`

 Confirm.


The following appears briefly in the display, e.g.: `Call div. from 24`

### Announcement to associated subscriber

  Menu `Partner funct.`

  Menu `Announcement`

 Confirm.

 Lift the handset.

`Announcement` appears in the display. Speak now.

### Ending the announcement to the associated subscriber

 Replace the handset.



The message “Call div. from 24” will only appear in the display if no entry is available in the call list. If entries are stored in the call list, the message “Call list” will appear in the display.


You will not be able to direct an announcement at a subscriber if his internal line is busy.



**Associated subscriber**

Continued

**Retrieve calls (pick up) from associated subscriber**

📶 The telephone of the associated subscriber rings.

 Lift the handset.

  Menu `Partner funct.`

  Menu `Pick up`

 Confirm.

**Clearing a self-assignment from the associated subscriber**

  Menu `Partner funct.`

  Menu `Clear own all.`

 Confirm.

## Subscriber group

The Bosch Service can combine several telephones in your system to form a subscriber group. Some of the functions within the group are particularly convenient.

### Calling the subscriber group

If you call a subscriber group, all sets of this group will ring. You are connected when one of the subscribers in this group lifts his handset.



Lift the handset.



Menu `Dial assist`



Menu `Intern.grp.call`



Confirm.



Select the subscriber group that you wish to call, e.g. `Group 1`.



Confirm.



You may be part of up to eight partner groups.

## Subscriber group

Continued

### Announcement to subscriber group



Lift the handset.



Menu **Dial assist**



Menu **Group announcem**



Confirm.



Select the subscriber group to which you wish to make an announcement, e.g. **Group 1**.



Confirm.

**Group 1 Announcement** appears in the display. Speak now.

### Ending the announcement



Replace the handset.



If a subscriber of the dialled subscriber group is busy, he will not receive the announcement.

# Subscriber group

Continued

## Retrieving calls (pick up) from subscriber group



Lift the handset.



Menu `Pick up calls`



Menu `Pick up group`



Confirm.



Select the subscriber group, e.g. `Group 1`.



Confirm.





You are connected.



## Using the handset in another system

Your handset can be logged on to several systems. It features several system entries for this purpose. You may change the name of these entries.

### Selecting the system

  Menu `System`


  Menu `Select system`

  Confirm. Select the system, e.g. `System 4`



 Confirm.

 Press the left softkey for a **long** period to return to basic status.


### Changing the system name

  Menu `System`

  Menu `Change name`

  Confirm. Select the system, e.g. `System 4`

 Confirm.

 ... Change the name (up to 14 characters), e.g. `West Site`

 Confirm.

 Press the left softkey for a **long** period to return to basic status.





To be able to log on, the handset must be within range of the telephone system.

## Using the handset in another system

Continued

### Checking the software version

- ①  Menu `System`
- ①  Menu `Software version`
- ① Confirm. `9.71/26.03.00`, for example, appears in the display.
- ② Press the left softkey for a **long** period to return to basic status.



## Codes for your handset

Code	Function
15 x	Group announcement to group x
16 x	Internal call to group x
17 x	Retrieve (pick up) calls from group x
32	Retrieve (pick up) external calls
34	Retrieve (pick up) from an internal subscriber
40	Open door 1 during conversation
41	Open door 2 during conversation
42	Open door 1
43	Open door 2
46	Call charge display for last call
64	Self-assignment
66	Automatic callback
67	Clear messages
69	Call forwarding
701	Call diversion from
702	Delayed call diversion from
703	Call diversion when busy
711	Call diversion to internal subscriber
712	Delayed call diversion to internal subscriber
713	Call diversion to internal subscriber when busy
79	Suppressing the display of your own call number
80	Announcement to internal subscriber
82	Announcement to associated subscriber
83	Call diversion from associated subscriber
84	Call diversion to associated subscriber
85	Retrieve calls (pick up) from associated subscriber
89	Clear self-assignment for the associated subscriber
99	Clear self-assignment and call diversion
159	Transfer external caller to external subscriber

## Further information about your telephone

### Service, installation and maintenance

Do not unscrew the telephone housing. Repairs and adjustments are the exclusive domain of a qualified technician.

Your telephone is designed for use in standard operating conditions. Contemporary items of furniture are coated with a great variety of varnishes and plastics, and treated with various varnish preservation agents. For this reason, it cannot be ruled out that some of these substances contain components that can attack and soften the plastic feet of your charger. The unit feet that have been altered by these foreign substances may, in certain circumstances, leave unpleasant marks on the surface of the furniture.

Understandably, Bosch cannot be liable for such damage. You are therefore advised to use an antiskid surface for your charger, in particular with new furniture or furniture that has been refreshed using varnish preservation agents.

When required, wipe your telephone with a slightly damp or antistatic cloth. Do not use a dry cloth, as this could lead to malfunctions. Never use polish or abrasive cleaning agents.

If you have any further questions or problems, please contact your specialist dealer or the Bosch Service.

### Weathering

Protect your handset against dampness, direct sunlight and extremely low temperatures.


Avoid sudden transitions from cold to warm conditions. Otherwise condensation will form on the handset.

Protect your handset against sprayed water and the intense accumulation of dust or dirt.

When using the handset in extreme weathering conditions, please use the carrying case (special accessory).

**Further information about your telephone** Continued**Authorization and CE certification**

The telephone has been authorized by the regulating authorities for telecommunication and post (Reg TP). This telephone is designed for connection to Bosch telecommunications systems only. Only when connected to Bosch telecommunications systems does this telephone comply with the European regulations for electrical safety and electromagnetic compatibility.

 This telephone meets the requirements of the following EU directives:

89/336/EEC “Electromagnetic compatibility”

73/23/EEC “Electrical equipment designed for use within certain voltage limits”

This device operates in accordance with the DECT system with a frequency range of 1880 to 1900 MHz. The allocation of this frequency range in the frequency utilization plan is valid for an initial period of 10 years and will be extended in accordance with European harmonization.

## Further information about your telephone Continued

**Consumer information** about returning and disposing of used batteries and accumulators pursuant to the BattV battery ordinance from 27.3.1998

Dear Customer,

This device / power supply unit is fitted with permanently installed batteries or accumulators which contain harmful substances.

The type of harmful substance can be identified by the chemical symbol that appears on the crossed-out garbage can in the device, accumulator or battery label.

In accordance with the battery ordinance, you are required as the consumer to **return** the device / power supply unit to us for the purpose of removing or replacing the batteries or accumulators. This enables us to dispose of the energy sources containing the harmful substances in the appropriate manner. Our address:

Bosch Telecom GmbH  
Produktbereich Private Netze  
Funkruf-Reparaturzentrum  
John-F.-Kennedy-Straße 43-53  
D-38228 Salzgitter

In the exceptional event that you have the batteries or accumulators replaced by your own qualified employees, you are obliged to ensure proper disposal of the energy sources containing the harmful substances by returning them either to us or an appropriate collection point.

Yours, Bosch Telecom GmbH

## Specifications

Standard:	DECT (Digital Enhanced Cordless Telecommunications).	
Dimensions:	143 x 50 x 22.5 mm	
Weight, handset:	Approx. 115 g (with standard battery pack)	
Battery type:	Li-Ion; 600 mAh	
Operating time for handset (with full battery):	Conversation:	Up to 10 hours
	Stand-by:	Up to 70 hours
Charging time:	Max. 8 hours	
Frequency range:	1.88 – 1.9 GHz	
Transmitting power:	Medium: 10 mW, Peak: 250 mW	
Permissible operating temperature:	Handset:	-10 °C to +45 °C
	Charger:	+5 °C to +40 °C
Storage temperature:	-5 °C to +45 °C	
Transport temperature:	-25 °C to +70 °C	
Protection category:	IP 40	
Accessories:	Charger	
	Standard battery pack	
	Vibrating battery pack	
	Clip	
	HSG30-DECT Combined handset / headset	
	Carrying case	

Some of the listed accessories must be ordered separately!



## Table of characters

The digit keys may also be used to enter letters and numbers, e.g. for names in the local telephone directory. Your telephone will automatically switch to the input of letters when this is required.

The second line shows you the lower case letters. How to enter the characters is explained on Page 14.

Key	Character
1 	Space character . ? ! , & : " ( ) ' % £ \$ 1
2 	A B C Ä Å À Æ Ç 2 a b c ä å à æ ç 2
3 	D E F É È 3 d e f é è 3
4 	G H I Ì 4 g h i ì 4
5 	J K L 5 j k l 5
6 	M N O Ñ Ø Ö 6 m n o ñ ø ö 6
7 	P Q R S ß 7 p q r s ß 7
8 	T U V Ü Û 8 t u v ü ù 8
9 	W X Y Z 9 w x y z 9
0 	+ - x * / = > < # 0

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