Programming instructions (en)

Ergonomic telephones

Ergophone C
Ergophone CR

tiptel

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How to use the documentation

This guideline is designated for the person who will set up the telephone. Normally, the programming steps are only entered once or in very few cases.

The documentation comprises 4 parts:

1. Programming instructions:

* First, read the Safety information as of page 5.
* The chapter Initial information (as of page 8) will give you support on how to mount the telephone (desktop use or wall mounting).
* The programming procedures are described in chapter Programming (as of page 17). Please read the information on individual programming procedures before actually starting the programming.
* Should problems occur during the installation or operation, Appendix (as of page 45) will give you useful hints for troubleshooting.
* You will find an overview of function codes for programming on page 47.
* Enter the corresponding telephone numbers in the tables to be found in chapter "Overview of programmed telephone numbers" (page 50/51).

2. Operating instructions:

Here, the telephone user is informed on the individual keys and symbols, on their meaning and functions.

3. Short description of the most important functions

The short operating instructions grants an overview on the most important functions. This documentation should be kept near the telephone and ready for use.

4. Information card for the recipient of an emergency call (4 cards)

By the information card, the recipient of an emergency call is informed on all necessary steps of the procedure.

Safety information

Please follow the safety information in the operating instructions on page 4.

Intended use

This telephone is designed for connection to analogue line interfaces of public switched telephone networks.

DANGER

- Never try to unscrew the screws and open the device. You could get in contact with current-carrying parts.
- Never touch the connector contacts with pointed or metallic objects.

Installing the telephone

The telephone should be installed at a place where you have a telephone wall socket and a power outlet (230 V mains power supply) available.

WARNING

The telephone was produced for standard use conditions. Please do not install the device

- close to heat sources (air-conditioning, heater, exposure to direct sunlight),
- in humid rooms (no exposure to splashing water or chemicals),
- nearby devices emitting strong magnetic fields (electrical appliances, fluorescent tubes, computers, TV sets),
- in dusty rooms,
- in rooms where the device is exposed to vibrations or extreme variations in temperature.

CAUTION

- Never carry the telephone at the handset or the connection cables.

    - Only plug the connecting cables into the designated receptacles.

    - Make sure that the connecting cables are laid in a way that accidents are prevented.

    - If necessary, install additional sockets.

Some furniture lacquers or furniture cleaning products may attack the rubber at the feet of the telephone and thus cause patches. In such cases, please use a nonslip pad under the device.

Batteries

CAUTION

Only insert type AAA microcell 1.5 V batteries. The batteries have to be inserted in any case.

Batteries should be replaced as soon as the battery symbol is displayed. For safety reasons, we recommend to exchange the batteries once per year as discharged batteries may be subject to leakage and thus could damage the device. Please dispose of discharged batteries environmentally (no domestic rubbish).

In the case of a power failures, fully charged batteries will allow an operation of the telephone for about 12 hours.

AC adapter, telephone line and headset

CAUTION

Only use the AC adapter from the scope of supply. The telephone is to be connected to the 230 V mains power supply. Make sure that the AC adapter is plugged and connected to the power supply before operation. Only use the telephone cable from the scope of supply.

During a thunderstorm you should neither use the phone nor connect or disconnect any cables (Danger of an electric shock when the lightning hits the telephone network).

You may only use and connect headsets that meet the safety requirements of IEC 60950 item 6.2. (connection to TNV 3 circuits). For more information, please contact your specialist dealer or headset manufacturer.

Safety information

Emergency call function

DANGER

In rare cases, the function of sending out an emergency call cannot be guaranteed. This might be the case if e.g. the telephone network fails or if the radio transmission from the transmitter to the telephone is subject to interference. If the device is used for people who are in a critical or life-threatening health condition, you should not refrain from additional safety means.

Emergency radio pendant (variant with radio emergency function only).

DANGER

Interferences may also occur if electrical appliances such as vacuum cleaners, hair dryers etc. with insufficient or defective radio interference suppression are operated nearby. Possible malfunctions during the use of the radio pendant cannot be completely excluded.

The radio system operates on the dedicated European 869,2 MHz Social Alarm frequency.

In order to ensure that the radio pendant is watertight, replacing the batteries or repairs may only be done by the manufacturer. The useful life of the batteries in the pendant is up to four years with normal use (functional test once a week, emergency call triggering only when trouble has occurred). It is recommended that functional adequacy be tested by triggering an emergency call at regular intervals (e.g. once per week). For re-setting the test emergency call, please press the P and # keys in that order.

Take the phone out of operation

To take the telephone out of operation, please unplug the AC adapter from the power outlet and unplug the telephone plug from the telephone wall socket. Afterwards, take the batteries out of the battery compartment!

Initial operation

Scope of supply

The content of the package is:

- 1 telephone
- 1 telephone connecting cable to connect the device to the telephone access
- 1 curled cable (handset cable)
- 1 AC adapter
- 1 dial pad cover
- 5 batteries type AAA microcell 1.5 V
- 1 programming instructions
- 1 user manual
- 1 short description of the most important functions
- 4 information cards for the corresponding recipient of an emergency call
- name plates and plastic cover for the speed dialling stations. One pre-printed inlay plate and a plastic cover for "emergency call: police/fire service".

In addition, for the variant supplied with radio pendant:
- 1 radio receiver, integrated in the telephone
- 1 emergency radio pendant including cord

Please note:

The telephone connecting cable and the plug could be different for different countries. The following description refers to the analog TAE-plug for the German public telephone network.

Connecting the telephone

Telephone wall socket

(use middle jack,
F-coded)

AC adapter

Telephone connecting cable
with telephone plug

Battery compartment

Power   Line

AAA 1,5 V
AAA 1,5 V
AAA 1,5 V
AAA 1,5 V
AAA 1,5 V

Receptacle for handset cable
Optional: Connection of a headset
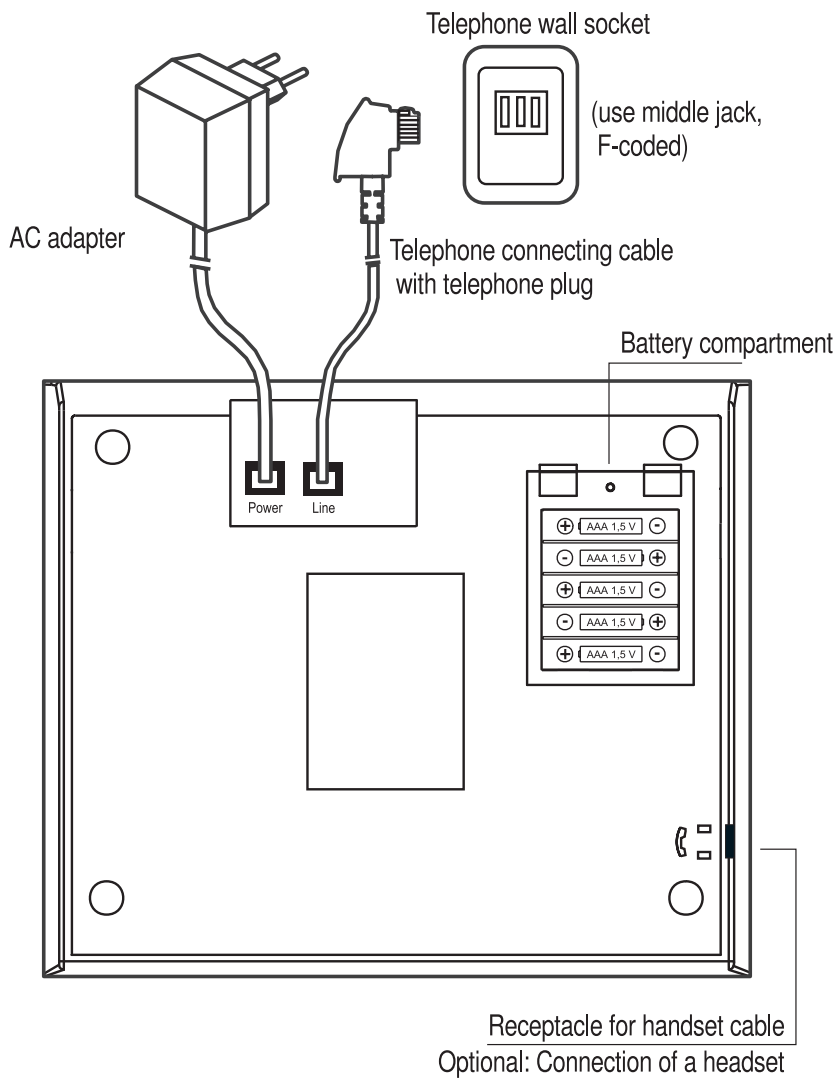
Illustration 1

- **Insert/exchange batteries**

  For safety reasons, disconnect the telephone from the telephone network and the power supply system by unplugging the telephone plug and the AC adapter. Unscrew the battery compartment screws. Remove the cover using the two tabs. Now, insert or exchange the batteries and consider the correct polarity when inserting them. Close the battery compartment cover and make sure that the cover is locked again. Screw on and tighten the screws. Reconnect the telephone to the telephone and the power network.

- **Connect handset or headset**

  Plug the curled handset cable plug into the jack marked with a handset symbol on the bottom of the device and into the handset jack. Instead of the handset, you can also connect a headset.

- **Connect telephone to C/O line**

  Plug the small plug of the telephone connecting cable into the "LINE" jack. The large plug is to be plugged into the telephone wall socket of your telephone connection.

- **Connect telephone to "Power"**

  Plug the AC adapter cable plug into the "POWER" jack. Plug the AC adapter into a power outlet to connect the device to the 230 V mains power system.

- **Disconnect the cables**

  Unplug the AC adapter from the power outlet and unplug the telephone plug from the telephone wall socket. At the telephone: pull the plug's locking clips towards the plug's body to unplug and disconnect the cables.

Insert name plates

Speed dialling keys (1-5):

- Decide on how to assign the speed dialling keys (function or speed dialling):
  Key 1: Speed dialling location or emergency call (SOS key)
  Key 2: Speed dialling location or vital sign function (regular calls)
  Key 3: Speed dialling location
  Key 4: Speed dialling location
  Key 5: Speed dialling location or "recording of call passages".

Example:

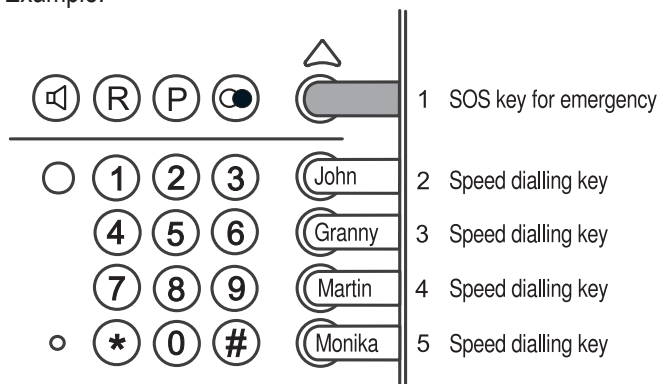|	
1	SOS key for emergency
2	Speed dialling key
3	Speed dialling key
4	Speed dialling key
5	Speed dialling key

John
Granny
Martin
Monika

Illustration 2

- Write the name or function on the name plates. If you assign the emergency call function to speed dialling key 1, please use a red name plate (the colour will act as a signal).

Plastic cover

Monika

Monika   Name plate

Illustration 3

- Fold the name plate by 90° at its perforation line.
- Lay the plastic cover on top of the name plate so that they coincide and slide them into the corresponding name plate slot. Push the right side of the plastic cover into the corresponding gap.
- Exchange name plates: Use the wire of a paper clip or another suitable tool to reach into the plastic cover's gap on the right side. Pull the plastic cover in an upward direction and remove it.

Pre-printed inlay plate and plastic cover for "police/fire brigade"
- Write the police call number and the fire brigade number on the pre-printed inlay plate. Insert the plate in the recess on the left side of the housing. Replace the plastic cover.

- Exchange inlay plate: Take the plastic cover at the top left side (handset rest) and pull it in an upward direction. The cover comes out of the holder.
- If you intend to wall-mount the telephone, you have to remove the detent (removable part of the upper housing) on the lower side of the pre-printed inlay plate, turn it round and replace it in this position (see page 14).

Prepare radio pendant

If you have purchased the variant with distress radio system, the scope of supply comprises a radio pendant and a cord.
You can wear the radio pendant around your neck.
As an alternative, the radio pendant can be worn like a wristwatch. There are two long loops at the back of the pendant where you can draw through a customary strap (see illustration 4).
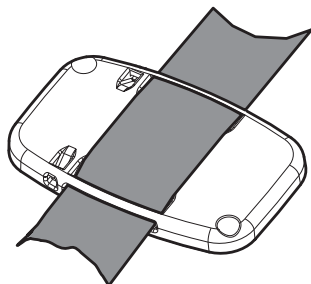

Ilustration 4   Radio pendant with strap

ATTENTION

Programm the radio pendant only after having connected the tele-phone to the power supply system!
If the radio pendant is programmed, the radio receiver inside of the telephone discharges the batteries very quickly, if the telephone is not connected to the power supply.

Put on dial pad cover

The dial pad cover serves as an aid for dialling. You can install and remove the cover as desired. The dial pad cover is comprised in the scope of supply.
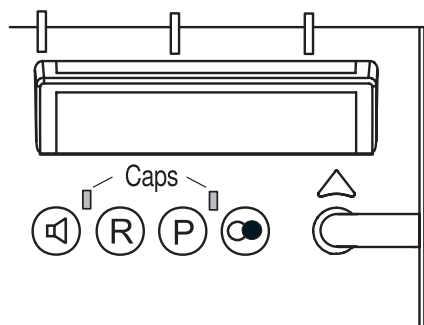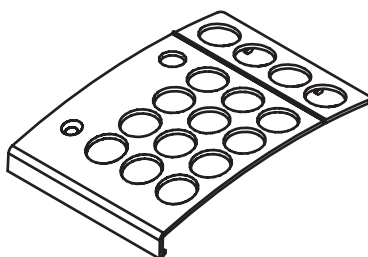
Illustration 5   Illustration 6

- Use your fingers or a suitable tool to remove the caps (see illustration 5). The caps might be reused later so keep them in a safe place.
- Place the dial pad cover (illustration 6) on the housing. Press the two plastic hooks of the dial pad cover into the corresponding housing slots and tighten the cover. Use two hands to push the dial pad cover towards the lower side of the housing until the two lower hooks snap into place.
- You can remove the dial pad cover by turning round the device and pressing the two dial pad cover hooks out of the housing slots with your thumbs. Replace the plastic caps afterwards.

Wall mounting

The telephone can be wall-mounted using a metal holder. This holder is available option-ally.

Prerequisites for wall-mounting:

You have connected the handset, inserted batteries and closed the battery compartment cover. The name plates are also inserted and if desired, the dial pad cover is fixed.

Initial operation

Adjust handset rest for wall-mounting telephone operation.
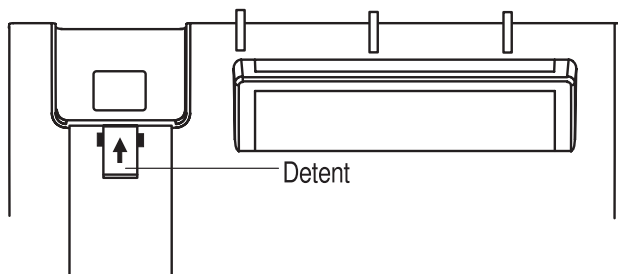
Illustration 7   Detent positioned as in the factory pre-set

- Press the detent in the direction of the arrow as shown in the illustration (you might use a suitable tool as e. g. a screwdriver).
- Take the detent out of the recess, turn it round (180 degrees) and replace it afterwards. The upper part of the detent is now in a better position for wall-mounting telephones as it can hold the handset better.

Illustration 8   Detent adjusted for wall mounting telephone operation

Fix metal holder for wall mounting

Hook (on each side) to hang in the tele-phone

Screw holes

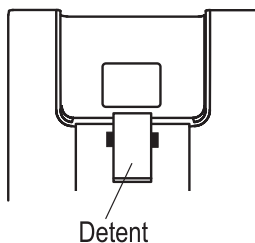Opening for concealed telephone wall socket
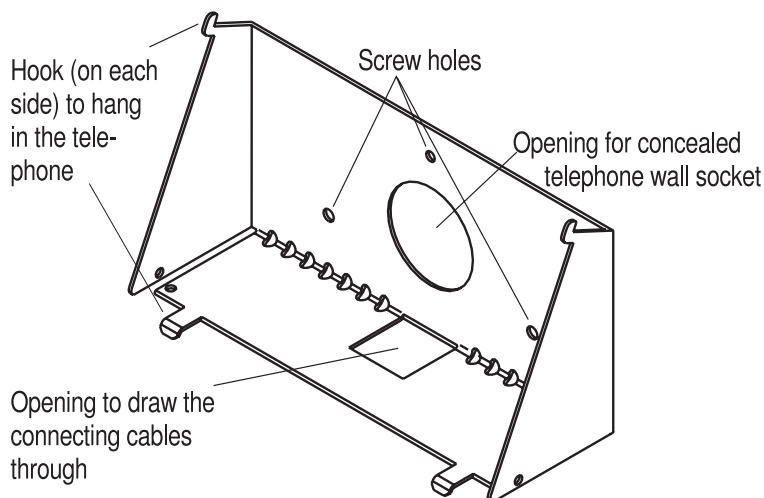
Opening to draw the connecting cables through

Illustration 9

- Position the metal holder on the wall (you may possibly place the round opening of the holder on a concealed telephone wall socket directly).

- Mark the position of the required drill holes on the wall.

- Drill the holes and screw the metal housing on horizontally. Compensate possible strain within the metal housing.

Preparing the connecting cables

Initial state: Telephone connecting cable and the AC adapter are not plugged.

- Lead the AC adapter connecting cable through the rectangular opening of the metal holder (from the bottom towards the top). Plug the rectangular plug in the "POWER" jack at the bottom of the telephone (see also illustration 1).

- If the telephone wall socket is positioned below the holder: Lead the telephone connecting cable through the rectangular opening of the metal holder (from the bottom towards the top). Plug the rectangular plug in the "LINE" jack at the bottom of the telephone (see also illustration 1). (If you could place the round metal holder opening on a concealed telephone wall socket directly, the telephone connecting cable can be kept in the hollow space of the metal holder. The telephone plug is to be plugged in the telephone socket.)

How to hook the telephone:

- Take the telephone at its sides with both hands and hook the device on the two hooks at the bottom of the metal holder.
- Take both hands to push the telephone towards the top until the two hooks snap into space.

How to unhook the telephone:
 If you want to unhook the telephone, take out the above procedure - in reverse.

Connecting the telephone:
Plug the large plug of the telephone connecting cable into the telephone socket. Plug the AC adapter into a 230 V power outlet.

Programming

Programming process

You can easily program your telephone by function codes. Basically, two different ways of programming the device are differentiated:

a) Settings that only have to be made in rare cases can be changed via a simple proce-
   dure. The programming process is the same for all these settings:

(P)   Press the P key.

(#)   Press the # key briefly.

| Code _ _ _ |
| P |

Enter two-digit function code
for the function to be set.

| ≡ |
| P |

Enter telephone number or change function.

(P)   Press the P key. Your entries are stored. You can now enter the two-
       digit function code of another function or press the P key again
       in order to exit the programming menu.

b) Important basic settings as well as restricted numbers and emergency numbers are
   protected by a PIN code. Here, the programming process is always the same:

(P)   Press the P key.

(#)   Press the # key for longer
       than 1 second.

| PIN _ _ _ _ |
| P |

Enter four-digit PIN code
(in the factory pre-set the
PIN code is "0000").

| Code _ _ _ |
| P |

Enter three-digit numeric
function code.

| ≡ |
| P |

Enter telephone number or change function.

Programming

P — Press the P key. Your entries are stored. You can now enter the three-digit function code of another function or press the P-key again to exit the programming menu.

General information on the programming process:

- If you enter a "wrong key" (related to the corresponding function) during the programming process, the procedure is aborted without saving the changes.
- You can interrupt the programming process without saving the changes by lifting and replacing the handset.
- If you do not press any key for 40 seconds while you take out a specific programming step, the procedure is aborted without saving the changes.
- When you program a telephone number under a memory location, you can enter manual dialling pauses via the speed dialling key at the bottom (speed dialling key 5). In the display, a pause is indicated by "P".
- If you made a mistake when entering the telephone number, just use the redial button to erase it.

Store speed dialling numbers

You can assign a maximum of 5 telephone numbers to the speed dialling locations. Each of these numbers is restricted to a length of 20 digits as a maximum.
Please be aware that you can also assign functions to speed dialling stations 1, 2 and 5 (instead of telephone numbers, see page 10).

P   # — Press the P key and afterwards press the # key briefly.

Select code for the desired speed dialling station and enter it:
Code 01 for speed dialling location 1
Code 02 for speed dialling location 2
Code 03 for speed dialling location 3
Code 04 for speed dialling location 4
Code 05 for speed dialling location 5

Enter telephone number.

P

Press the P key. The telephone number is stored.

Remarks:

- You can erase a number within the programming process by pressing the redial key.

- You can enter dialling pauses by pressing the lower speed dialling key.

Store abbreviated numbers

You can store up to 10 abbreviated numbers. Each of these numbers is restricted to a length of 20 digits as a maximum.

P #

Press the P key and press the # key briefly afterwards.

Enter code for the desired abbreviated number key and enter it:

Code 10 for abbreviated number assigned to 0
Code 11 for abbreviated number assigned to 1
Code 12 for abbreviated number assigned to 2. If desired, continue as described until Code 19 is assigned for abbreviated number 9.

Enter telephone number.

P

Press the P key. The telephone number is stored.

Remarks:

- You can erase a number within the programming process by pressing the redial key.

- You can enter dialling pauses by pressing the lower speed dialling key.

Phone book setup

You can store up to 30 entries in your internal phone book (each entry consists of name and phone number).

Store phone book entries

P # PIN

Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 150 for storing phone book entry.

Enter name (up to 16 characters). See next chapter.

(P)   Press the P key. The name is stored.

Enter the telephone number (up to 20 digits)

(P)   Press the P key. The entry is stored.

Remarks:
- If you would like to store further entries, enter the code 150 to open the menu again.
- You can enter dialling pauses by pressing the lower speed dialling key.

Enter names

To enter a specific alphanumeric character, press one or more times the key labeled with the required character: once for the first character, twice for the second and so on. The list of characters available for each key is shown in the following table:

Key	Characters in the order displayed
0	␣ . / -
1	ä ö ü
2	a b c A B C
3	d e f D E F
4	g h i G H I
5	j k l J K L
6	m n o M N O
7	p q r s P Q R S
8	t u v T U V
9	w x y z W X Y Z

When entering the same letter twice or a different letter on the same key, wait for a few seconds for the cursor to move automatically, and then select the next letter.

Programming

To delete individual characters, use the key ◁ ⬭. To delete the complete name, use the redial key.

Edit a phone book entry

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 151 for "Editing a phone book entry".

Search an entry: Press the key with the first character of the searched name and press the keys △ ⬭
or ▽ ⬭

(P)   When the name appears: Press the P-key.

Edit the name (see chapter „Enter names").

(P)   Press the P-key. The name is stored.

Enter the telephone number (up to 20 digits) or edit the number.

(P)   Press the P-key. The entry is stored.

Delete a phone book entry

Referring of the codes 150 and 151 delete an entry in the following way:

(⬤)   Press the redial key to delete the phone number and the name completely.

◁⬭   Press the key to delete a digit of the phone number or a character of the name.

Delete the phone book entries completely

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Programming

$\boxed{P}$

Enter code 997 for "Deleting the phone book entries completey".

Press the P-key. The phone book entries are completely deleted.

Setting the handset volume

You can choose between two basic settings:
a) Handset volume "very loud" (for people who are hard-of-hearing) and
b) Handset volume "normal loud" (for persons with normal hearing).

Each of the basic settings has a volume range allocated to it that is adjustable with the right slide switch: a) the "very loud" range and b) the "normal loud" range.
The phone comes set for "very loud."
The volume set with the slide switch remains intact with every new call.

$\boxed{P}$ $\boxed{\#}$ PIN

Press the P key and afterwards, press the # key (longer than 1 sec.).
Enter 4-digit-PIN.

Enter
code 100 for "Handset very loud"   or
code 101 for "Handset normal loud."

$\boxed{P}$

Press the P key. The entry is stored.

Note:
When a call is in progress, with setting a) volume can be lowered, and with setting b) it can be raised, by means of the triangular key. See operating instruction, page 20.

Adjust ringing signal

Activate/deactivate ringing signal

$\boxed{P}$ $\boxed{\#}$

Press the P key and afterwards press the # key briefly.

Enter
code 20 for "ringing signal OFF"   or
code 21 for "ringing signal ON"

$$\boxed{P}$$ Press the P key. The entry is stored.

List of released numbers for ringing signals

Storing telephone numbers in the list of released numbers for ringing signals

You can assign telephone numbers to 10 list entry locations (see also page 26 of the user manual). The length of these telephone numbers is restricted to 20 digits as a maximum.

$$\boxed{P} \quad \boxed{\#} \quad \text{PIN}$$ Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Select the code of the desired list entry location and enter:
code 200 for list entry location 0
code 201 for list entry location 1
code 202 for list entry location 2. If desired, continue entering locations up to code 209 for list entry location 9.

Enter telephone number.

$$\boxed{P}$$ Press the P key. The telephone number is stored.

Remarks:
- A pre-requisite for the use of this function is that the caller's telephone number is transferred and presented (CLIP).
- You can erase a number within the programming process by pressing the redial key.
- You can enter dialling pauses by pressing the lower speed dialling key.

Activate/deactivate list of released numbers for ringing signals

At least one telephone number has to be stored in the list in order to be able to activate or deactivate it (see last paragraph). If you deactivate the list of released numbers for ringing signals, the telephone operates according to the standard ringing signal operation.

Programming

(P) $(\#)$ Press the P key and afterwards press the # key briefly.

Enter
code 30 for "standard ringing signal operation"   or
code 31 for „list of released numbers for ringing signal ON"

(P) Press the P key. The entry is stored.

List of restricted numbers for ringing signals

Storing telephone numbers in the list of restricted numbers for ringing signals

You can assign telephone numbers to 10 list entry locations (see also page 26 of the user manual). The length of these telephone numbers is restricted to 20 digits as a maximum.

(P) $(\#)$ PIN Press the P key and afterwards, press the # key (longer than 1 sec.).
Enter 4-digit-PIN.

Select the code of the desired list entry location and enter:
code 210 for list entry location 0
code 211 for list entry location 1
code 212 for list entry location 2. If desired, continue entering
locations up to code 219 for list entry location 9.

Enter telephone number.

(P) Press the P key. The telephone number is stored.

Remarks:
- A pre-requisite for the use of this function is that the caller's telephone number is transferred and presented (CLIP).
- You can erase a number within the programming process by pressing the redial key.
- You can enter dialling pauses by pressing the lower speed dialling key.

Activate/deactivate list of restricted numbers for ringing signals

At least one telephone number has to be stored in the list in order to be able to activate or deactivate it (see last paragraph). If you deactivate the list of restricted numbers for ringing signals, the telephone operates according to the standard ringing signal operation.

$\widehat{P}$ $\widehat{\#}$ Press the P key and afterwards press the # key briefly.

Enter
code 30 for „standard ringing signal operation"   or
code 32 for „list of restricted numbers for ringing signal ON"

$\widehat{P}$ Press the P key. The setting is stored.

Ringing melody

Your telephone provides 10 different ringing melodies.

$\widehat{P}$ $\widehat{\#}$ PIN Press the P key and afterwards, press the # key (longer than 1 sec.).
Enter 4-digit-PIN.

Enter code 220.

Change melody via the numeric key pad (key 0 - 9).

$\widehat{P}$ Press the P key. The setting is stored.

Indication of incoming call by flashlight ON/OFF

The indication of incoming flashlight is available in comfort and comfort f variants only. In factory pre-set, flashlight indication is activated.

$\widehat{P}$ $\widehat{\#}$ Press the P key and afterwards press the # key briefly.

Enter
code 40 for „indication of incoming call by flashlight ON"   or
code 41 for „indication of incoming call by flashlight OFF".

$\widehat{P}$ Press the P key. The setting is stored.

Emergency call operation mode

Your telephone allows to set two different operation modes:
a) Normal operation (emergency call operation OFF): You make your telephone calls as usual.

b) Emergency call operation mode ON: You can send emergency calls by pressing the
   SOS key (or, as for the variant with distress radio call system via a radio pendant).
Please be aware that different emergency call locations are applied, depending on whether
you use the SOS key or the radio pendant. When the emergency call is answered, the
emergency is informed via an emergency announcement that needs to be recorded earlier
(see page 30). In the emergency call operation mode, emergency calls have priority over
all other telephone activities. When there is an active emergency call, all other incoming
calls are rejected.

DANGER

In rare cases, the function of sending out an emergency call cannot
be guaranteed. This might be the case if e.g. the telephone network
fails or if the radio transmission from the pendant to the telephone is
subject to interference. If the device is used for people who are in a criti-
cal or life-threatening health condition, you should not refrain from ad-
ditional safety means.

Emergency call process

CAUTION

The telephone of the person receiving an emergency call has to be set
to the tone dialling method. This is a pre-requisite to establish a speech
connection to the person seeking help.

Person seeking help	Recipient of an emergency call
Press SOS key.	Tone dialling telephone is ringing. Pick-up the handset. The emergency announcement is heard. Press numeric key 5 (acknowledgement). The emergency announcement is stopped.
The emergency call telephone is automati-cally switched to the hands-free mode.	
	Conversation with person seeking help.
End conversation: Press loudspeaker key	

Programming

Remarks:
If the connection quality is insufficient in the hands-free mode, you can also switch to a „two-way communication":
- Press key 4:   The recipient of the emergency can hear the person seeking help.
- Press key 6:   The person seeking help speaks. The recipient of an emergency
                 call can switch back and forth by pressing the keys 4 and 6.
- Press key 5:   „hands-free mode" is activated again.

When the person seeking help hears the voice of the emergency call recipient, it is possible that the handset is picked-up from force of habit. In this case, the telephone automatically switches to handset-operation.

Storing emergency call numbers

You can store a maximum of 4 emergency call numbers. These numbers are dialled consecutively when an emergency call is being initiated. Each emergency call number is limited to length of 20 digits as a maximum.
Be aware: The radio emergency call function has its own memory locations.

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.).
              Enter 4-digit-PIN.

              Select code of the desired memory location and enter:
              code 311 for location 1
              code 312 for location 2
              code 313 for location 3
              code 314 for location 4.

              Enter emergency call telephone number.

(P)   Press the P key. The telephone number is stored.

Remarks:
- You can erase a number within the programming process by pressing the redial key.
- You can enter dialling pauses by pressing the lower speed dialling key.

Activate/deactivate emergency call mode

Please be aware, that the emergency numbers must be programmed before you activate the emergency call mode.
You can apply the following procedure to set the emergency call operation mode (and the distress radio call for the variant with distress radio call system):

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter
code 300 for "standard operation"   or
code 301 for "emergency call operation mode".

(P)   Press the P key. The setting is stored.

Determine number of emergency call dialling sequences

You speak of an emergency call dialling sequence if all programmed emergency telephone numbers are called once - one after the other. By the number of dialling sequences (1 - 9), you define how often all emergency numbers are being called in a row.

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 350.

Enter number of desired emergency call dialling sequences via the key pad (1 - 9).

(P)   Press the P key. The setting is stored.

Determine pause after unsuccessful emergency call dialling sequence

You can define the duration of a dialling pause between the individual emergency call dialling sequences (1 - 9 minutes). After this pause, the next emergency call dialling sequence is triggered off.

Programming

$\widehat{P}$ $\widehat{\#}$ PIN   Press the P key and afterwards, press the # key (longer than 1 sec.).
Enter 4-digit-PIN.

Enter code 351.

3 min
P

Enter duration of the pase (minutes) via the key pad (1 - 9).

$\widehat{P}$ Press the P key. The entry is stored.

Remark:
During the pause - after completion of one emergency call dialling sequence - the red LED
blinks. During an emergency call dialling sequence the LED is lit constantly.

Duration of the active connection

The „duration of the active connection" is the time in which an emergency telephone
number is dialled, the call is established and the emergency announcement is being
played back.

If nobody answers the emergency call (first number), the line is disconnected after 90
seconds (factory pre-set) and the next emergency number is called.
If the recipient answers the emergency call, e. g. after 60 seconds, the emergency an-
nouncement is heard for a maximum of 30 seconds. (The announcement is already played
back before the call is answered.)
The „duration of the active connection" always ends after the set time, apart from those
cases where the recipient acknowledges the emergency call and establishes a speech
connection to the person seeking help before, i. e. by pressing key 5 on the key pad.
The duration can be set from 1 - 99 seconds. The time period should not be too short
so that the announcement can also be heard if the emergeny call is not being answered
quickly.

$\widehat{P}$ $\widehat{\#}$ PIN   Press the P key and afterwards, press the # key (longer than 1 sec.).
Enter 4-digit-PIN.

Enter code 352.

90 sec
P

Enter the desired duration of an active call (seconds) via the
key pad (1 - 99).

$\widehat{P}$ Press the P key. The duration is stored.

Emergency call identification code

When an emergency call service is called, the recipient of the emergency call can use an identification code to get immediate information on the person seeking help. This is done via a number sequence of multifrequency dialling tones.

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 353.

Enter emergency call identification code.

(P)   Press the P key. The entry is stored.

Emergency announcement

When an emergency call is answered, the emergency announcement is played back automatically. This announcement should be kept short (you have 20 seconds to record the announcement). In addition, it should include all information that are required by the recipient in order to act quickly.

Recording the emergency announcement:

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 354

△   Press the triangular key and keep it pressed during the announcement recording. Speak the announcement. The bar shown in the display indicates the recording time. The maximum recording time is 20 seconds. After completion: Release the triangular key. The announcement is recorded.

Play-back emergency announcement:

Enter code 355

Programming

△   Press triangular key.
         The announcement is being played back.

Ⓟ   Press the P key.

Distress radio call operation

The following description refers to the variant with distress radio call system. Here, the scope of supply comprises a radio pendant which can be worn either with a strap like a wristwatch or around the neck with a cord (see page 12).

⚠   **ATTENTION**
        Please follow the safety information on page 7. Programm the radio
        pendant only after having connected the telephone to the power
        supply system! (see page 12).

In an emergency, pressing the pendant button will trigger off the distress radio call. The pendant is waterproof (maximum water depth: 1 meter, maximum water temperature 45° C).
If required, you can use up to 8 pendants with one telephone. Additional pendants are available as accessory.
In order to ensure that the pendant is watertight, replacing the batteries or repairs may only be done by the manufacturer. The useful life of the batteries in the pendant is up to four years with normal use (functional test once a week, emergency call triggering only when trouble has occurred). It is recommended that functional adequacy be tested by triggering an emergency call at regular intervals (e.g. once per week). For re-setting the test emergency call, please press the P and # keys in that order. If you have not used the pendant for a longer period of time, then you should test it before using it again.
The parameters set for the emergency call function from „number of emergency call dialling sequences" to „emergency announcement" are also valid for the distress radio call. The emergency call operation mode as well as the distress radio call operation are activated and deactivated via the same procedure (see page 25).
Apart from the 4 emergency call telephone numbers which are triggered off by the SOS key at the telephone, there is an additional memory for a maximum of 9 distress radio call numbers. The distress radio call numbers can only be addressed via the pendant.

Distress radio call numbers

You can program and store up to 9 distress radio call numbers (on memory locations 1 - 9). The memory locations can be assigned to the individual pendants in a variable sequence. The length of the distress radio call numbers is limited to 20 digits as a maximum.

Memory location	Distress radio call number
1	
2	
3	
4	
5	
6	
7	
8	
9	

Storing distress radio call numbers:

(P) (#) PIN Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Select and enter the code of the desired memory location:
code 371 for memory location 1
code 372 for memory location 2. If desired, continue until
code 379 for memory location 9.

Enter distress radio call number.

(P) Press the P key. The distress radio call umber is stored.

Remarks:

- You can erase a number within the programming process by pressing the redial key.
- You can enter dialling pauses by pressing the lower speed dialling key.

Register radio pendant

Register the pendant only after having connected the telephone to the power supply system!
You need to register the pendant so that the pendant can address the receiving equipment integrated in the telephone. At the same time, this procedure is applied to assign the distress radio call numbers to the pendants. You can enter the memory locations in a variable sequence. The distress radio call numbers will then be called in the entered sequence.

CAUTION

In the following procedure it is not the call number itself which is allocated but instead the memory location in which the number is stored (see table on the page before).

Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter the code of the corresponding pendant
code 381 for pendant 1
code 382 for pendant 2
code 383 for pendant 3. If desired, continue until code
388 for pendant 8.

The display shows:
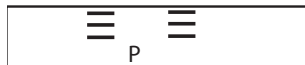
Press the button of the pendant.

The pendant's red LED is lit.
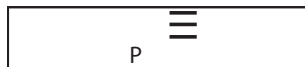
Press the button of the pendant again.
The pendant's red LED is lit.
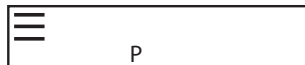
Enter the memory locations of the distress radio call numbers consecutively - via the numeric keys (e. g. memory locations 1 2 3 6).

Press the P key. The setting is stored.

Programming

Remark:
You can erase a location within the programming process by pressing the redial key.

Internal distress radio call

Memory location 0 triggers off an internal distress radio call, i.e. the telephone rings with a special ringing melody. The internal distress radio call is useful, e. g. if a nurse is present in the house but not in the same room as the person seeking help.
For re-setting the internal distress radio call, please press the P and # keys in that order.

Test the coverage of the pendant

We recommend to test the coverage of the pendant. This is due to the fact that - depending on the type of building - the coverage may vary. For this purpose, you can program the internal distress radio call as an example. If you have reliable information on the exact coverage, you can avoid malfunctions. The maximum coverage in buildings is about 30 meters, outdoors it is about 250 meters.

Dialling restrictions

At your telephone, you can set three different types of dialling restrictions:

a) Direct call: The dialling process for a stored telephone number can be initiated by pressing any key (except for the loudspeaker and the SOS key). The prerequisite to use the direct call function is the programming of a direct call telephone number (with a maximum of 20 digits).
b) Restricted numbers: The dialling procedure is restricted for individual telephone numbers (e. g. a specific prefix number). You have to enter restricted numbers to use this function.
c) Full restriction: It is not possible to dial telephone numbers and to establish calls (except for the numbers of police / fire service and the programmed SOS numbers as far as the emergency call function or distress radio call function is active).

Store direct call numbers (baby call)

Ⓟ (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 400.

Enter direct call number.

(P) Press the P key. The direct call number is stored.

Remarks:

- You can erase a number within the programming process by pressing the redial key.
- You can enter dialling pauses by pressing the lower speed dialling key.

Store restricted numbers

You can assign restricted numbers to 5 memory locations (1 - 5). The length of a restricted number is limited to 20 digits as a maximum.

(P) (#) PIN Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Select and enter the code of the desired memory location:
code 421 for memory location 1
code 422 for memory location 2
code 423 for memory location 3. If desired, continue until
code 425 for memory location 5.

Enter the restricted number.

(P) Press the P key. The restricted number is stored.

Remarks:

- You can erase a number within the programming process by pressing the redial key.
- You can enter dialling pauses by pressing the lower speed dialling key.

Direct call/full restriction/dialling restriction ON/OFF

The direct call numbers or the restricted numbers should only be activated if you had stored a direct call number or restricted numbers before (see last paragraphs).

Programming

P # PIN   Press the P key and afterwards, press the # key (longer than 1 sec.).
Enter 4-digit-PIN.

Enter
code 430 for „no dialling restriction"   or
code 431 for „direct call ON"   or
code432 for „restricted numbers ON"   or
code 433 for „full restriction ON"

P   Press the P key. The setting is stored.

Basic settings

PIN (personal identification number)

You can protect the settings programmed at your telephone against unauthorised or unintended changes by assigning a PIN. In the factory pre-set, the PIN (personal identification number) is „0000". If you change the PIN, please make sure that you do not forget this code as it is used as an „access key" to the programming level of your telephone.

P # PIN   Press the P key and afterwards, press the # key (longer than 1 sec.).
Enter 4-digit-PIN.

Enter code 600.
Enter new PIN.
Enter new PIN again as a confirmation.

P   Press the P key. The setting is stored.

⚠ **CAUTION**
Should you have forgotten your PIN, it can only be reset to the factory pre-set by the manufacturer. Ask your dealer.

Entering the police/fire service numbers for a specific country

The phone numbers for police and fire service specific to each country should be saved so that, in case of an emergency, dialling these numbers can be done, even if the dialling re-

striction is on. Basically, the two telephone numbers are saved without any local area code and, when connected to a PABX, without an EIC (Exchange Identification Code). Example: In Germany, enter 110 for the police and 112 for the fire service.

(P) (#) PIN Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Select and enter
code 611 for the „Police" memory location
code 612 for the „Fire service" memory location.

Enter telephone number

(P) Press the P key. The setting is stored.

Remarks:

- You can erase a number within the programming process by pressing the redial key.
- You can enter dialling pauses by pressing the lower speed dialling key.
- When the dialling restriction is activated, the police or fire service numbers can be entered manually (Dialling from the speed dialling locations or abbreviated memory locations is not possible in this case). If your telephone is connected to a PABX, then you must first dial the EIC (Exchange Identification Code) (e.g. „0") and then the tele-phone number of police or fire service. Take care that the EIC has been programmed.

Adjust display brightness

Your can adjust the display brightness with the digit keys 0-9. The higher the number, the darker the display.

(P) (#) PIN Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 550.

Adjust the display brightness with the digit keys 0-9.

(P) Press the P key. The setting is stored.

Set display language

The messages and information shown in the display can be set to different languages, i. e. German, English, Netherlands or French.

(P) (#) PIN
Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter
code 630 for German   or
code 631 for English   or
code 632 for Netherlands   or
code 633 for French.

(P)
Press the P key. The setting is stored.

Activate/deactivate headset operation

If you want to use a headset instead of a handset, you have to set the operation mode correspondingly.

(P) (#) PIN
Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter
code 620 for „handset operation"   or
code 621 for „headset operation".

(P)
Press the P key. The setting is stored.

Recording of call passages

You can initiate the temporary two-way conversation recording by pressing speed dialling key 5 (see user manual). You need to assign this function to speed dialling key 5 by the following procedure. Afterwards, this key cannot be used for speed dialling anymore as it is then exclusively reserved for temporary two-way conversation recording.

(P) (#) PIN
Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

(P)

Enter
code 640 for „recording via speed dialling key 5 OFF"   or
code 641 for „recording via speed dialling key 5 ON".

Press the P key. The setting is stored.

Remarks:

- If you deactivate the function „two-way conversation recording via speed dialling key 5", you still have the option to record passages of a telephone conversation by the key combination „P key and triangular key" (see user manual).

- The beginning and end of the recording is indicated by a signal tone that both parties can hear.

- Please inform your telephone partner that you will record a passage of the conversation. Please observe the Data Protection Law.

Program automatic redialling settings

In the factory pre-set, your telephone has the following redialling settings:

• Length of the redialling sequence: 1 minute

• Pauses between the redialling sequences: 1 minute

• Number of redialling sequences: 10

In simple words, this means that:
After activation of the automatic redialling, the called party's telephone will ring for one minute. Afterwards, there is a pause of one minute. Then, the called party's telephone will ring again for one minute. This process is repeated 10 times (if nobody answers the call).

Program length of the redialling sequence

(P) (#) PIN

Press the P key and afterwards, press the # key (longer than 1 sec.).
Enter 4-digit-PIN.

Enter code 650.

```
60  sec
       P
```
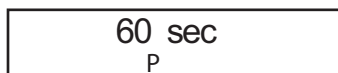
Enter length of the redialling sequence via the keypad
(1 - 99 seconds).

Programming

(P) Press the P key. The length of the redialling sequence is stored.

Program pauses between the redialling sequences

(P) $\text{(\#)}$ ℙℕ   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 651

60 sec
P

Enter ength of the pause between the redialling sequences via the keypad (1 - 99 seconds).

(P) Press the P key. The setting is stored.

Program number of redialling sequences

(P) $\text{(\#)}$ ℙℕ   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 652.

Enter the number of redialling sequences via the keypad (00 - 99 seconds).

(P) Press the P key. The setting is stored.

Room monitoring

You can monitor a room where your telephone is located - remotely (see also page 29 of the user manual).

Change access code for room monitoring

The 4-digit access code for room monitoring is not included in the factory pre-set. This code must be entered before the first use of this function. Then, you have the option to change the code. The intial entry of the code and the change of the code is done according to the following procedure:

Programming

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.).
Enter 4-digit-PIN.

Enter code 660.

R-PIN _ _ _ _   _ _ _ _
P

Enter 4-digit access code (r-PIN) (entry „0000" not allowed)
Enter 4-digit access code (r-PIN) again for confirmation.

(P) Press the P key. The setting is stored.

Remark:

It is not allowed to enter „0000" as an access code for room monitoring. If this number is entered as access code, the procedure „Activate room monitoring" is aborted. Should you have forgotten the access code, you can assign a new code via the above procedure.

Activate/deactivate room monitoring

The function „room monitoring" has to be activated at the telephone in the room to be monitored (see also page 29 of the user manual). It can only be activated, if the access code has been programmed.

(P) (#) Press the P key and afterwards press the # key brifly.

Enter
code 60 for „room monitoring OFF"   or
code 61 for „room monitoring ON".

(P) Press the P key. The setting is stored.

Remarks:
- If you wish to have a „silent monitoring" without an earlier ringing signal, you just need to deactivate the ringing signal. For an incoming call, the display will indicate this by „call".
- When using the „silent monitoring", please observe the Data Protection Law.

Programm number of rings

The telephone in the room to be monitored rings once in the basic setting and after the access code has been entered switches into hearing mode at the other telephone. For special applications it can be usefull to allow the telephone in the room to ring several times (for example, this allows a normal call to be accepted, although the telephone is in room monitoring mode). You can set the number of calls (1-9) using the following programmation. One ring is set when the system is delivered.

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 661.

Enter 1 - 9 rings using the number keys.

(P)   Press the P key. The setting is stored.

Vital sign function

The vital sign function is used to control the presence and health of a person. If the function is set, the person has to press the speed dialling key 3, if the phone is asked to do so. If the person does not press the key, an emergency call will be triggered after 30 minutes automatically. Precondition for this is that the emergency function is activated. The safety timer starts over again when the speed dialling key 3 is pressed.

Set safety timer for the vital sign function

The timer can be set hourly. You can enter between 1-99 hours. If a "0" is entered, the timer do not start.

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 683.

Enter hours using numeric keys.
If a "0" is entered, the timer do not start.

(P)   Press the P key. The setting is stored.

Set vital sign function on/off

After setting the timer, the vital sign function has to be switched on by a code additionally.
If you do not need the function anymore, switch it off.

(P) (#)   Press the P key and afterwards press the # key briefly.

Enter
Code 80 for „vital sign function off" or
Code 81 for „vital sign function on".

(P)   Press the P key. The setting is stored.

Operation at a PABX

Program recall key

You can adjust the recall key for four flash periods of different lengths. In the
factory pre-set the first flash (also known as hook flash) is set. The long flash is
required e. g. to activate special features offered by the telecommunications provider.
Probably, the flash setting only needs to be programmed if the telephone is operated at a
telephone system (see operating instruction of your PABX).

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.).
Enter 4-digit-PIN.

Select code and enter:
code 700 for „Flash 1" (0,26 sec.= Hook Flash)
code 701 for „Flash 2" (0,09 sec.)
code 702 for „Flash 3" (0,11 sec.)
code 703 for „Flash 4" (0,13 sec.)

(P)   Press the P key. The setting is stored.

Program EIC/PSIC

If you operate the telephone at a PABX, the exchange identification code and the primary
station identification code serve to program the required dialling pause. As for initial opera-

tion, you need to program your telephone for dialling an external telephone number and for dialling PABX extension numbers. You can enter 1 EIC number (1 - 4 digits) and 1 PSIC number (1 - 4 digits). Please also refer to the PABX user manual.

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter
code 710 for „ EIC - Exchange Identification Code „ or
code 711 for „ PSIC Primery Station Identification Code „.

Enter EIC resp. PSIC via the key pad.

(P)   Press the P key. The setting is stored.

Program pause duration after dialling EIC/PSIC

For the required pause after dialling the corresponding identification codes, you have the option to program either short or long pauses (depends on the type of PABX). In the factory pre-set, the short pause is set (3 seconds). Please also refer to the PABX user manual. The programmed duration of the pause is a maximum time. If the exchange dialling tone is heard, the dialling procedure is initiated immediately.

(P) (#) PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter code 720.

Enter the duration of the dialling pause (in seconds) via the key pad (1 - 9).

(P)   Press the P key. The setting is stored.

Appendix

Short troubleshooting guide

In most cases, you can detect error causes and resolve occurring problems or malfunctions by the following troubleshooting table.

Problem	Possible cause	Action
You do not hear a dialling tone after having picked up the handset.	Telephone connecting cable, handset cable, telephone socket.	Check all cable connections, check telephone access by using another telephone, contact telephone network provider.
If there is an incoming call, the telephone only rings once.	Function „room monitoring" active.	Deactivate „room monitoring" function.
PIN code forgotten.		Call dealer or manufacturer.
Caller's telephone number is not being displayed, list of released numbers for ringing signals and list of restricted numbers for ringing signals without function.	The feature function „CLIP" (calling line identification presentation) is not possible with your telephone network provider or this function has not been released.	Contact your telephone network provider.
No ringing signal for incoming calls.	Ringing signal is deactivated.	Activate ringing signal.
Telephone always dials the same telephone number.	Direct call function is active.	Deactivate direct call function.
Dialling process is interrupted.	Dialling restriction is active.	Deactivate dialling restriction.
As for connection at a PABX: No line or wrong line after dialling from the memory (e. g. speed dialling).	- Exchange identification code / main system identification code not entered - Access code to public exchange not stored.	- Enter EIC / PSIC and possibly program dialling pause - Store access code to public exchange with the telephone numbe.
As for connection at a PABX: Recall key without function.	Recall key function not set correctly.	Change recall key function.

Reset to factory pre-set

In the overview of function codes for programming (as of page 48), the factory pre-set parameter is indicated (F).
Resetting the telephone settings to the factory pre-set is only useful under some specific circumstances.

Problem	Solution	Result
You have frequently activated and deactivated different functions and now lost track of the settings.	Reset procedure via key pad. Enter 998.	The telephone is reset and the entries from the memory are retained.
You intend to use the telephone somewhere else and want to resume the factory pre-set.	Reset procedure via key pad. Enter 999.	The telephone is reset and the entries from the memory are erased.
The telephone cannot be operated anymore (no action when buttons are pressed).	Unplug AC adapter, unplug telephone plug, take out the batteries. Afterwards, insert batteries again, plug AC adapter and telephone plug.	The telephone is reset and the entries from the memory are retained. The telephone operation is possible again.

Reset procedure via key pad

P # PIN   Press the P key and afterwards, press the # key (longer than 1 sec.). Enter 4-digit-PIN.

Enter
code 998. Entries are not erased from the memory.
code 999. All entries are erased from the memory.

P   Press the P key. The reset is executed.

Emergency operation in the case of a power failure

If batteries are inserted, the telephone remains operable even in the case of a power failure.
Please make sure that the AC adapter is plugged correctly during normal operation as otherwise the battery will be used up quickly.

Appendix

Overview of codes for programming

Programming without PIN protection

Settings that need to be adjusted only in rare cases can be made via a simple procedure. The factory pre-set is indicated by the symbol (F).
You can access the programming level by pressing the P key and the # key consecutively. Then, enter the two-digit function code.

Code	Feature	Factory pre-set (F)	Page
01-05	Speed dialling key 1 - 5		18
10-19	Abbreviated dialling key 0-9		19
20	Ringing signal OFF		22
21	Ringing signal ON	F	22
30	Standard ringing signal operation	F	24
31	List of released numbers for ringing signal ON		24
32	List of restricted numbers for ringing signal ON		25
40	Indication of an incoming call by flashlight ON	F	25
41	Indication of an incoming call by flashlight OFF		25
60	Room monitoring OFF	F	41
61	Room monitoring ON		41
80	Vitalfunction OFF	F	43
81	Vitalfunction ON		43

Programming with PIN protection

Important basic settings as well as the entry of restricted numbers and emergency numbers are protected by a PIN code. The factory pre-set is marked by (F).
You can access the programming level by pressing the P button and the # button afterwards (longer than 1 second). Afterwards, enter the 4-digit PIN (in the factory pre-set, the PIN is „0000") and enter the 3-digit function code.

Appendix

Code	Feature	Factory pre-set (F)	Page
100	Volume of handset „very loud"	F	22
101	Volume of handset „normal loud"		22
150	Storing phonebook entries		20
151	Edit phonebook entries		21
	Ringing signal		
200-209	List of released numbers for ringing signal, memory locations 0 - 9		23
210-219	List of restricted numbers for ringing signal, memory locations 0 - 9		24
220	Ringing melody	F: 3	25
	Emergency call operation		
300	Standard operation mode	F	28
301	Emergency call operation mode		28
311-314	Emergency call numbers, memory loc. 1 - 4		27
350	Number of emergency call dialling sequences	F: 9	28
351	Pause after unsuccessful emergency call dialling sequence	F: 3 min.	29
352	Duration of the active connection	F: 90 sec.	29
353	Emergency call identification code		30
354	Store emergency announcement	F: none	30
355	Play-back emergency announcement		30
371-379	Distress radio call number, memory location 1 - 9		32
381-388	Register pendant 1 - 8		33
	Dialling restrictions		
400	Store direct call number		34
421-425	Store restricted numbers 1 - 5		35
430	No dialling restriction	F	36
431	Direct call ON		36

Appendix

710	EIC (Exchange Identification Code)		44
711	PSIC (Primary Station Identification Code)		44
720	Duration of the dialling pause	F: 3 sec.	44
	Reset to factory pre-set		
997	Delete all phonebook entries		21
998	Reset (all memory entries are retained)		46
999	Reset (all memory entries are erased)		46

Overview of programmed telephone numbers

Key	Speed dialling number	Other function
1		Emerg. call no. 1: no. 2: no. 3: no. 4:
2		
3		
4		
5		

	Abbreviated no.	Distress radio call numbers
1		
2		
3		
4		
5		
6		
7		
8		
9		
0		Internal emergency call (no number)

Appendix

List of released numbers for ringing ON/OFF		List of restricted numbers for ringing ON/OFF
List entry	Telephone number	Telephone number
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		

Restricted numbers	No. 3
No. 1	No. 4
No. 2	No. 5

Technical Data

Dimensions:	About 235 x 215 x 85 mm (W x D x H)
Weight:	About 850 g
Housing material:	ABS
Telephone connecting cable:	3 metres
Wire assignment:	Pin 3: la, pin 4: lb
Power supply:	Conduction current only for phone operation
Conversation circuit:	Active
Earphone and microphone capsules:	Dynamic earphone/electret microphone

Appendix

Ringing device:	Variable ringing signal, adjustable volume (variable slide switch) and melody (10 different melodies)
Hands-free device:	Half-duplex
Loudspeaker volume:	Variable, adjustable via slide switch
Handset volume:	Variable, adjustable via slide switch
Display:	Graphic-LCD 240 x 48 dots
Max. length of telephone numbers:	20 digits
AC adapter:	Safety class 2, DC 18 V 450 mA, Pin 1 and 6 assigned
Batteries	5 x type AAA microcells, 1.5 V
Temperature range for operation:	0°C up to + 40°C
Temperature range for storage:	- 5°C up to + 70°C
Length of the emergency announcement:	About 20 seconds
Length of a temporary two-way conversation recording:	About 20 seconds
Radio receiver system:	869,2 MHz, MFM coding
Movement detector for illumination:	Infrared movement sensor
Illumination of display and dial pad:	High eff. LED in white and red
Coverage of the radio transmitter:	Outdoors up to 250 metres / in buildings up to 30 meters

Service

You have purchased a modern product of Tiptel. The high-tech manufacturing facilities grants a continuous level of the highest quality. This is even underlined by our certification according to DIN EN ISO 9001. If, however, problems occur or you have questions on operating the device, please contact your local dealer.

Guarantee

Please contact your local dealer or importer for details of guarantee for non EC countries. Within the European Community the following guarantee regulation applies: Your contact for services arising from guarantee obligations is the authorised dealer where you bought the device. Tiptel will grant a guarantee of 2 years from the date of handover for the material and for the manufacturing of the telecommunications terminal unit. Initially, the purchaser shall have only the right of subsequent performance. Subsequent performance entails either repair or the supply of an alternative product. Exchanged devices or parts shall become the property of the authorised dealer. If the subsequent performance fails, the purchaser can either demand a reduction in the purchase price or withdraw from the contract. The purchaser shall notify the dealer immediately of any defects found. Proof of the guarantee entitlement shall be furnished by standard proof of purchase (receipt or invoice).
The guarantee entitlement shall expire if the purchaser or an unauthorised third party interferes with the device. Damage caused by inappropriate handling, operation, storage or by force majeure or other external influences shall not be covered by the guarantee. The guarantee shall not cover any consumable material (e.g. batteries) or defects that only slightly impair the value or the usability of the device.
Claims for damage caused by transport shall be asserted to the delivery company.

Notes on settlement:

Repairs can only be conducted by the Tiptel Service. A warranty repair does not prolong the warranty period – neither for the replaced parts nor for the device. This guarantee is not transferable and shall expire if the device is sold on to another party. It shall also expire if the device is interfered with by third parties or if the serial number on the device has been removed or made illegible.
The General Terms and Conditions of Tiptel, which are part of the contract for a dealer, shall also apply. In the event of a complaint, the defective product shall be sent to the relevant Tiptel subsidiary, the importer or dealer along with a description of the defect and the proof of purchase.

CE Sign

This device is approved for the connection and use within the analogue public telephone networks in all EC countries – according to the European Requirements. Due to technical

deviations in individual countries, we cannot grant an unlimited guarantee for the success-ful operation at all types of telephone accesses.

Tiptel hereby declares that the device complies with all fundamental requirements of the European directive 1999/5/EC. This conformity is confirmed by the CE sign on the device. Further details on the declaration of conformity can be found under the following internet address:

http://www.tiptel.com

Environmental impact

At the end of its working life this device must not under any circumstanc-es be disposed of as normal waste. It must be taken to a point of sale or central collection point for electronic and electrical devices.
The individual materials are recyclable as indicated. By reutilizing, recycling or re-using them in any other form, you are making a major contribution towards environmental protection.

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CE