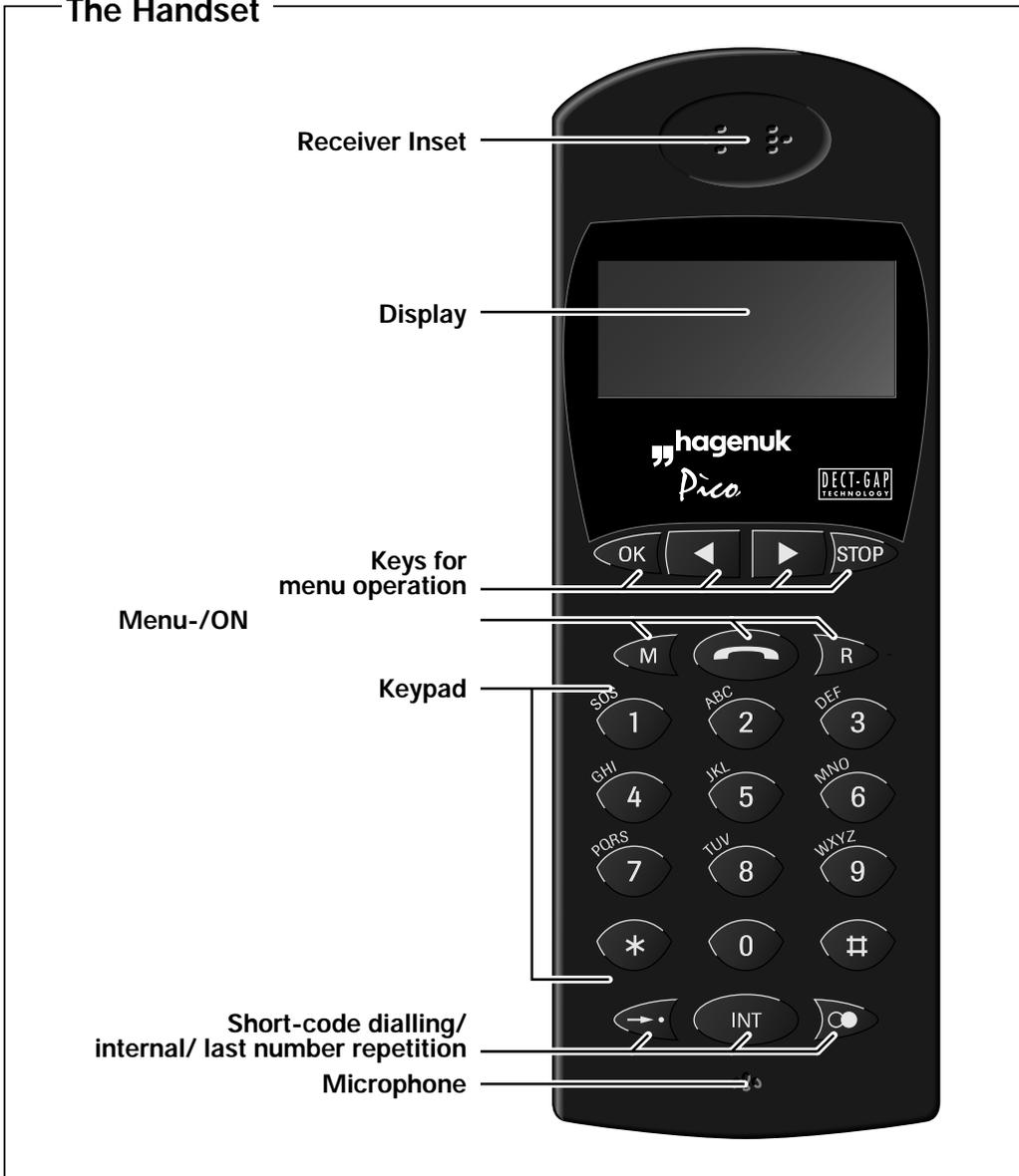


Handy Pico

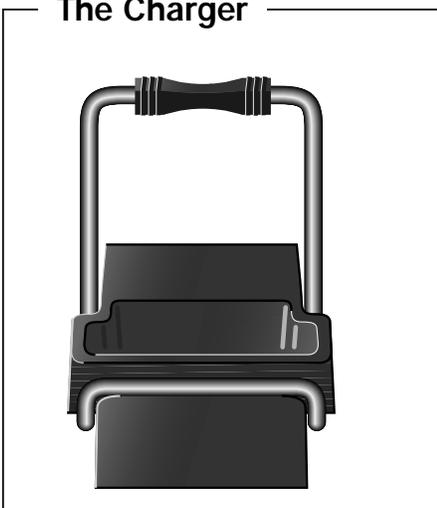
Operating Instructions



The Handset



The Charger



The technology at a glance

- The enhanced-feature handset for DECT devices and systems with GAP
- Digital transmission in accordance with the DECT standard
- Short code memory for 20 phone numbers
- Adjustable volume
- Standard NiCd or NiMH batteries of various capacities can be used (size AA / miniature)

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1.1 Initial steps

1. Charging the batteries

The enclosed batteries have to be installed before the handset can be used. They are not precharged and therefore have to be charged first. A complete basic charge during initial operation takes approx. 14 hours (also refer to "Initial operation: Preparation - charging and handling batteries").

However, the handset can also be used after a short charging time of, e.g. 1 hour; the specified standby or talktimes, however, cannot be attained in this case.

To charge the batteries, connect the power pack to the socket at the bottom of the charger and connect the plug to the mains. Place the handset in the charger; the charging process commences.

2. Logging the handset in to a base system

To be able to use the handset to make a call, first of all it has to be logged in to a base station.

To do so, carry out the procedure described in the chapter entitled "Assigning the handset to a base".

This guide describes the operation of your handset. Additional functions can be used depending on which base you use this device. For further information, please refer to the instructions for your base system.

1.2 Some Technical Information...

The Handy Pico is a cordless telephone conforming to the DECT (Digital European Cordless Telephone) standard. It consists of a handset and a charger.

The speech in the handset is encrypted by the requirements stipulated in the DECT standard: this offers protection against eavesdropping by scanners. The voice quality is not adversely affected.

Note

Usage in connection with hearing aids can result in interference.

1.3 Charging and handling batteries

Charging

When installing from new or after a prolonged time in storage, the batteries for the Handset must be initially charged up. Place the Handset in the charger.

The Handset can be used with different battery types (e.g. NiCd 650 mAh, NiCd 700 mAh, NiMH 1200 mAh, etc.): **ensure that only identical batteries are fitted.**

When charging for the first time the batteries are charged for 14 hours: this does not happen constantly, but in pulses.

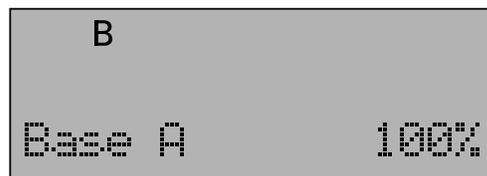
In normal use (i.e. when the Handset is placed in the charger after the "Battery Low" is indicated) the batteries will charge more quickly.

During use the charge is reduced: the display shows these reductions at different stages (100,80,70,60, etc.).

After changing the batteries no capacity value is given (the same applies for a charged battery, as this is an unknown state for the Handset).

The display will show: ___%

Only after a few hours will the normal indicator appear with a percentage value.



If disconnected from the power supply for several hours (e.g. holidays or during a lengthy installation), the batteries should be removed as they will lose too much charge and will need to be fully re-charged before the unit is to be used again.

Handling the batteries

Apart from charging the batteries as a result of normal usage, there is no particular handling instruction necessary in order to maximise the efficiency of the batteries.



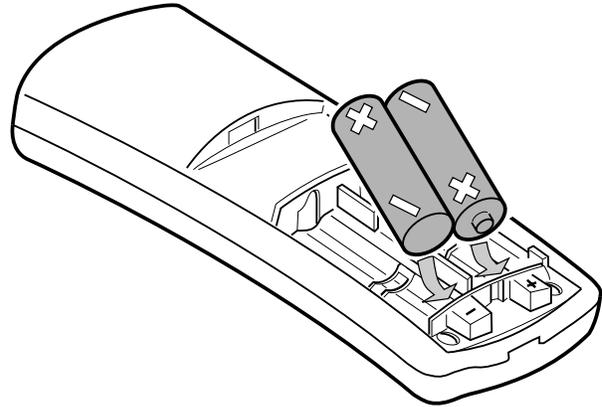
Even so, the battery is a consumable and its capacity and the resulting operating time will eventually diminish. Dispose of used batteries in accordance with local regulations. **Do not dispose with household waste!**

Note: Only rechargeable batteries can be used!

1.4 Installing/changing the batteries

Remove the cover of the battery chamber by pressing gently on the upper edge where the clips are situated. Remove the old batteries. Fit the new batteries as indicated. Slide back the cover, making sure the lock is engaged.

**Only fit identical battery types with identical capacity.
Only use rechargeable batteries!**



1.5 Notes on operating the Handy

Handy as well as charger unit must be located within transmission range of the base set.

Avoid installing the unit in the direct vicinity of other electronic equipment, such as, hi-fi systems, office or microwave equipment, to exclude mutual interference. Also avoid an installation location in the vicinity of heat sources, e.g. radiators.

Place the unit on a non-slip mat so that the plastic feet of the unit are not damaged by the furniture coating, leaving undesirable marks on the furniture surface. For obvious reasons, the manufacturer cannot be held responsible for such damage.

1.6 Default settings on delivery

The Handy Pico is delivered with the following basic settings:

- No phone numbers stored
- Ringer melody level 2
- Ringer volume level 5
- Handset volume normal
- Keypad lock inactive
- Key click switched on
- PIN „0000“/Telephone lock off

These default settings can be changed according to your own personal requirements and connection conditions.

1.7 Cleaning and maintenance

Simply wipe the plastic with a slightly damp cloth or an anti-static cloth: do not use a dry cloth and avoid the use of cleaning or scouring fluids.

2.1 User Guide

Your new telephone is simple to use thanks to the user guide in the display

M

Menu key

The menu is activated and cancelled by pressing the **Menu key**. It is context sensitive as to which menu item is prompted (see Overview of Menu Items)

In the first line of the display you are shown (with the help of symbols) the current status of the Handset (see Symbols in the Display). In the first line of text available functions are presented as clear text. In the second line of text you are given the relevant sub-options from these functions, presented as text and abbreviations. You have the following options:

OK

Option 1: OK-key

Make selection by pressing the **OK-key**. For example, you can now enter a short-dial code or change an existing one.

The **OK-key** basically serves as confirmation of a selection or storing an entry.

Stop

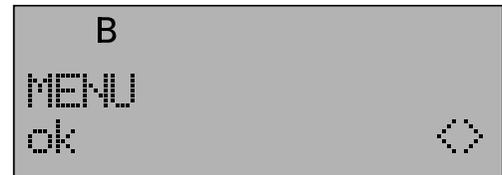
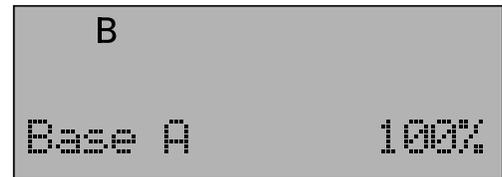
Option 2: STOP-key

End the menu display by pressing the **Stop-key**. With the stop-key you can terminate use at any time, i.e. cancel keying-in. Repeated pressing will take you to the previous menu level and eventually to stand-by mode.



Option 3: Cursor keys

With the **cursor keys** you can scroll forward (right key) or backward (left key) to select a menu item or an entry.



2.2 Entering names and text

Entering characters is possible when "A-Z" is displayed in the 2nd row of text.

Letters, numbers and various punctuation marks are available (keys "0" and "1").

```

      B
01: NAME?
ok      A-Z      ⏪
  
```



Entry is via the numeric keypad. Every number is assigned to several characters located on the upper half of the keys.

Selecting characters

Press once = 1st character

Press twice = 2nd character

The last character is followed by the key number, followed again by the first character, etc.

Character selected

Press the key for the next character

Should you need to select the same character on the same key:

Press the right cursor key and select the character again

Example: character selection ABC - Key number 2

2

1st Press key "2"

Displays letter "A"

2

2nd Press key "2"

Displays letter "B"

2

3rd Press key "2"

Displays letter "C"

2

4th Press key "2"

Displays number "2"

2

5th Press key "2"

Displays letter "A"

Each name can hold a maximum of 13 characters.

 Delete characters: press left **cursor key**

 Press the right **cursor key** and the cursor moves one place to the right: **select more characters**. Press again generates a blank space.

```

B
01: OT_
ok      A-Z      ◊

```

```

B
01: OTTO
ok      A-Z      ◊

```

Example: Enter the name "OTTO"

 Press number key 6 three times for "O"

```

B
O_

```

 Press number key 8 once for "T".

```

OT_

```

As you need the same letter again, press the right **cursor key** to select the next letter and press number 8 again for "T".

```

OTT_

```

 Press number key 6 three times for "O"

```

OTTO_

```

Prompts in the display will help you when operating the unit. The actual mode of the machine will determine which options are available and are presented in the 2nd line of text.

2.4 Display indicator - stand-by mode



When **at rest** the following status is indicated:

The Handset is **ready to use**; there is no connection and no call is being signalled.

In the 2nd line of text the selected base-set is indicated (A,B...) as well as the current battery capacity. This is displayed in steps of 20% or 10%

```

B
Base A          100%
  
```

If the Handset has an estimated charge of 0%, a warning message is displayed and accompanied by a warning signal. A connected call in progress cannot be continued. If, on the other hand, at this point there is a radio connection, there is 3 minutes operating time remaining.

```

B
NO POWER!
  
```

When the Handset is placed in the base-set, you will hear a **short acknowledgement tone**. It is now being charged as the battery did not have a full charge and "**POWER**" appears in the display.

```

B
POWER
Base A          80%
  
```

When the **signal becomes weaker**, i.e. the Handset is **outside the range of base-set** or is not logged-on to a base-set, the message "NO BASE" appears.

```

No Base        100%
  
```

2.5 Display indicator- switching on: ready to dial



At "**Ready to dial**" the following status is indicated: the Handset is switched on via the **ON/OFF key** there is **radio connection to the base-set**.

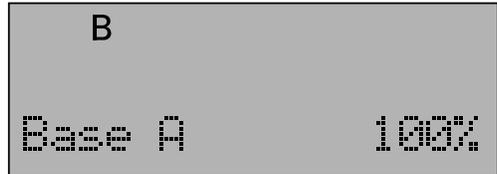
The telephone is now ready for you to dial a number. In the second line of the display you are shown various options. For example, choose a number from the **last number redial** (☎) or select a **short-code** (☎)

2.5 Display indicator - stand-by mode: preparing to dial

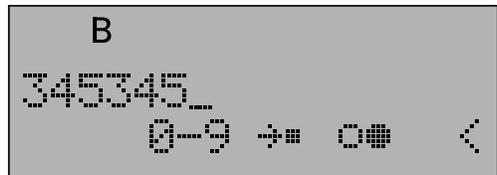
At **preparing to dial** the following status is indicated: The handset is in stand-by mode; there is no radio connection to the base-set.



You can enter the telephone number in to the **keypad** (max. 24 places). A number stored in last number redial or in short-code can be recalled by pressing the relevant key and the number is shown in the display.



Corrections can also be made retrospectively, in which numbers can be added or deleted from the end by using the left **cursor key** and replaced with the correct numbers.



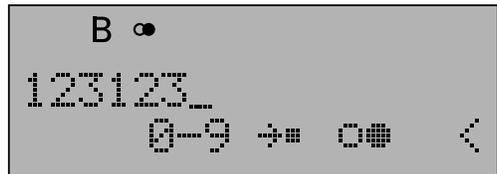
By pressing the **ON/OFF key** the radio connection is automatically made and the number dialled.

2.6 Display indicator-idle state: last number redial

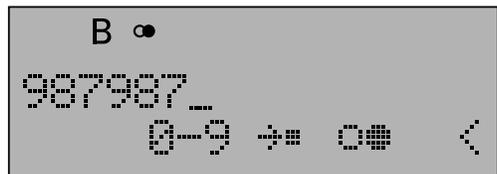
The handset is in an idle state.



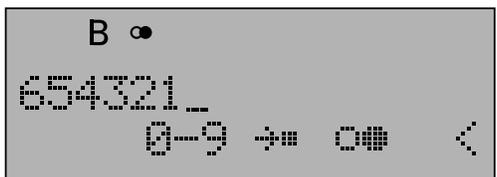
On pressing the **last number redial key**, the first number in the last number redial memory is displayed. The last five phone numbers which were dialled manually are in the last number redial memory; the oldest one of these five numbers is deleted when dialling a new phone number.



The second phone number which is stored can be recovered by pressing the **last number redial key** again.



The third number is indicated by pressing the **last number redial key** yet again etc. After pressing  for a fifth time, pressing it again then displays the first phone number.



If you wish to dial the displayed phone number, press the **ON/OFF key**.

Numbers longer than 15 digits: only the last 15 digits are displayed. As mentioned in section 2.5 you also have the option of correcting or adding to the number.

Telephone numbers stored in last number redial are retained even after changing the battery

2.7 Display indicator – Dialling with short-code

The Handset is in stand-by mode



with the **cursor keys** you can immediately reach the first and last location numbers (◀:21, ▶:01).

The following will enable you to select target location numbers:



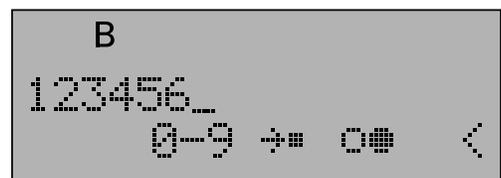
Press the **short-code key**.



Select a number either by keying in the **memory location number** (01-21) in the **key pad** or by scrolling through the memory by either the **cursor keys** or the **short-code key**. The corresponding name is displayed.



After pressing the **OK key** the corresponding number is displayed. The option to amend numbers is identical to manual dialling and last number redialling.



If you want to select the displayed number, press the **ON/OFF key**

Numbers longer than 15 digits: only the last 15 digits are displayed.

2.8 Calling up the local menu

M

Press the menu key

The "**MENU**" menu item then appears.
Upon confirmation by means of the **OK key**, either "**SYSTEM**" or the **local menu** appear depending on whether the handset is logged into a base and is within the (radio) range.



The first menu item in the local menu is displayed; use the **arrow keys** to move to the desired menu item.

MENU
ok



B

SYSTEM
ok



NAME/NO.

VOLUME/MELODY

TEL. -LOCK ON/OFF

SET UP

3.1 Selecting a base-set

The Handset can be assigned to up to 4 base-set (A,B,C,D)
This means you can use the Handset in various locations. If you change location then select the appropriate base-set or allow the system to select the most favourable base-set via the AUTO function. Please note that the Handset can only select between those base-sets to which it has already been assigned: it will then choose the base-set with the strongest signal at that time.

- 
 press **menu key**
- 
 confirm with the **OK Key**
- 

 select **SET UP**
- 
 press **OK Key**
- 

 select **NEW BASE**
- 
 press **OK Key**
- 

 select required base-set
(i.e. A, B...)
or
Select **AUTO**
- 
 press **OK Key**
Select another menu item or quit
menu with menu key



NEW BASE
ok



BASE A
ok

3.2 Assigning Handset to a base-set

The Handset must be assigned to a base-set in order to make calls. When logging on essential data is transferred from the base-set. In order to assign the Handset to a base-set or a base system, it is necessary to carry out programming at the Handset as well as the base-set prior to logging on.

Please also read the chapter entitled "Logging on" in the operating instructions for your base/base system.

-  press **menu key**
 press **OK Key**
-  / 
 select **SET UP**
 press **OK Key**
-  / 
 select **NEW BASE**
 press **OK Key**
-  / 
 select required base (i.e.A,B,..)
DO NOT SELECT AUTO
 press **OK Key**
-  / 
 select **LOG IN**
 press **OK Key**
-  enter PIN (delivered default value 0000)
Now prepare your base/base system for the log-in procedure (refer to corresponding operating instructions).
-   **only now press OK Key:** the process of logging-in can take several seconds
 The further control of the procedure is effected via the corresponding base station (refer to the respective operating instructions or the prompt on the display).

```
BASE A
ok
```

```
LOG IN
ok
```

```
PIN -----
ok
```

```
LOG IN!
```

4.1 Accepting a call (incoming)

On receiving a call



The phone rings and the following messages depends on the base system in use.

Accepting the call



By picking up the Handset from the base-set (**automatically switches on the Handset**)

Or



By pressing the **ON/OFF** Key

4.2 Initiating a call (outgoing calls) - Preparing to dial

Calls are initiated by entering the phone number. A phone number which has been dialled is stored in the last number redial memory when switching off the handset. You can also utilise the convenient possibilities of the phone number memory for speed dialling or last number redial.



Enter the phone number



Press the **ON/OFF** key



Make the call.

If the service is available:

- Display of the call charges during the call (depending on the base used).
Otherwise
- Display of the call duration in minutes/seconds after the first minute has lapsed at the latest.



Internal functions:



Internal functions such as initiating a call to a second handset which is logged into the same base or switching a call between two handsets, are initiated by means of the "Internal key" (INT). The further procedure depends on the corresponding base (refer to the operating instructions for your GAP base).

4.3 Ending a call (internal and external)



Press the **ON**

Or



Replace Handset in the charger

4.4 Mute function

The microphone of the telephone is switched off by the mute key. The other person on the line now cannot hear you.

The Handset is connected on a call



press **menu key**



press **0 key**

Microphone is switched off
MIC OFF! is displayed for 3 seconds

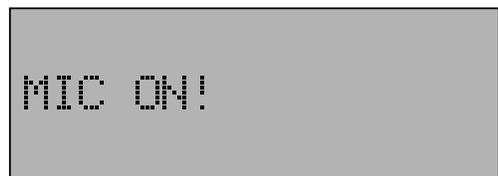


press **menu key**



press **0 key**

microphone is reactivated
MIC ON! is displayed for 3 seconds



4.5 Last number redial - individual last number redial

Phone numbers do not have to be entered manually when redialling them. They can be dialled automatically at the touch of a button by means of the last number redial function. The last 5 phone numbers are available for this.



The handset is in a ready-to-dial state, i.e. a radio link has been set up. Various possibilities are shown on the second line of the display depending on which device you are operating your handset (e.g. dialling a phone number out of the last number redial (☉) or via short code (→•)).



Press the **last number redial key**.



Press the **OK key**.

The phone number which was dialled last is dialled again.



4.6 Last number redial - History function

It is not necessary to manually enter numbers for redialling: at the touch of a button you can dial with the last number redial.

This stores the last **5 dialled calls = history function**

You can display these numbers in the display and activate the redial.

The last dialled number will overwrite the oldest entry in the last number memory.

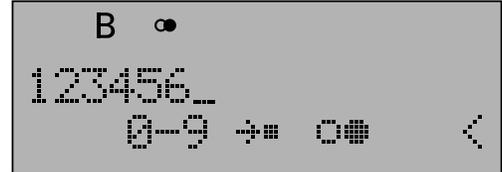
Handset in stand-by state or ready to dial



Press the **last number redial key**

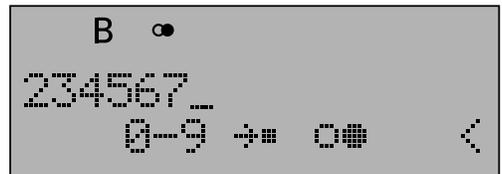
The last number dialled is displayed.

Corrections or additions to the number is possible (see also "General Information - Display Indicators when telephoning)



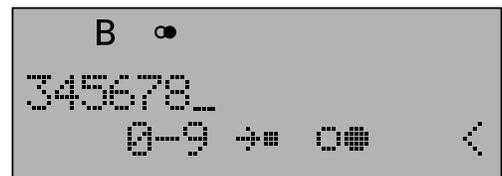
Press the **last number redial key**

The last-but-one dialled number is displayed, and so on.



Required number is selected in stand-by mode

Number is dialled after pressing the **ON/OFF key**

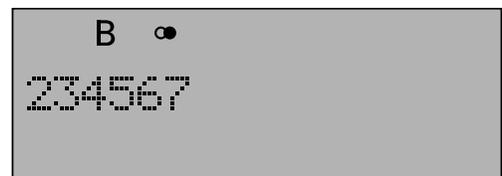


Or



in **Ready to Dial** the number is dialled by pressing the **OK key**

Numbers longer than 15 digits: only the last 15 digits are displayed. As mentioned in section 2.6 you also have the option of correcting or adding to the number.



Telephone numbers stored in last number redial are retained even after changing the battery.

4.7 Short-code - general

The Handset can store 21 numbers and names. Stored entries can be retrieved either by scrolling with the cursor keys or by entering the memory location number (01-21).

As a special feature it is possible to give the Handset its own name (max. 13 characters) which is displayed when stand-by in the upper text line. This name must be stored in memory location number 21.



```

B
ANGUS
Base A      100%
  
```

4.8 Storing names and numbers



press **menu key**



press **OK key**



select **NAME/NO.**



press **OK key**



press **OK key**



```

B  --
NAME/NO.
ok
  
```

Select memory location



The first memory location is indicated. You can now enter **a two digit location number** or use the **cursor key** to locate an empty field or to re-use a field. If location is unoccupied "-----" is displayed.



or



press **OK key**



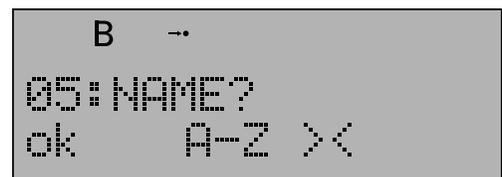
Key in name: for further details see section "General Information: entering names and text"



Complete the keying in of the name by pressing the **OK key**

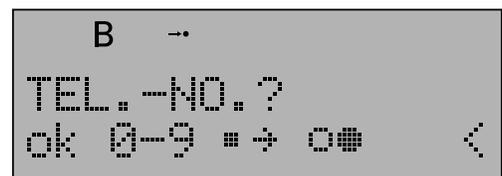
Note:

The user should ensure that all stored numbers are correctly programmed.



```

B  --
05: NAME?
ok  A-Z ><
  
```



```

B  --
TEL. -NO.?
ok  0-9 * + 0# <
  
```

-  Enter telephone number
- or
-   Make corrections with the left **cursor key**
-  press **OK Key**

Search for the next available location or leave this function by pressing the **menu key**.

Note: If a dialling pause is required press the **short-code key**  at the appropriate point.

Press the **last number redial key** to transfer number to the short-code memory.

4.9 SOS Emergency numbers

Your new telephone contains special short-code memory locations for emergency numbers: two of which are reserved for "Police" and "Fire Dept". Enter the actual numbers for these services in your area (i.e. 999). The third number is for your own choice, for example your local doctor, etc. These numbers are always ready for dialling in any operating mode and are simple to recall (see section 4.7 "Calling emergency numbers")

Emergency numbers are stored as follows:

-  press **menu key**
-   select **NAME/NO.**
-  press **OK key**
-   select **PROG. SOS-NO.**
-  press **OK key**
-   select either one of the pre-programmed numbers (Fire Dept/Police) or the personalised number (name)
-  press **OK key**

B →

PROG. SOS-NO.

ok 

- (
-  For the personalised number now enter the name
 -  press **OK key**
-)
-  enter telephone number
 -  make corrections if necessary with **cursor keys**
 -  press **OK key**

4.10 Deleting short-code memory

-  Press **menu key**
-  press **OK key**
-   select **NAME/NO.**
-  press **OK key**
-   select **DEL.NAME/NO.**
-  press **OK key**
-   Select memory location either by using **cursor keys**
- or
-  by entering the 2 digit number
-  press **OK key**
Memory location is deleted.

You can now delete another short-code memory or quit this function via the **menu key**.

You can also delete all short-code memory at once. Instead of selecting **DELETE NAME/NO.** choose **DELETE ALL** and press the **OK key** twice.

```

B      --
DEL.  NAME/NO.
ok

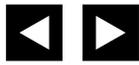
```

```

B      --
DELETE ALL
ok

```

4.11 Dialling with the short code feature (preparing to dial)



The handy is in an idle state but a radio link has not been set up. The arrow keys can be used to reach the first/last short code memory: = 21; = 1

or:

A short code number can be selected directly by means of the following procedure:



Press the short code key

Selection of the memory location:



The selection of the memory location can be made with the aid of the **arrow keys** or by entering the **two-digit number**.

or



If you wish to see the stored phone number, press the **OK key**. You can now make corrections or extensions to the phone number which are actually dialled but not stored or call up the last number redial.



A radio link is set up and the displayed short code destination is selected by pressing the **ON / OFF key**.

Only the last 15 digits are displayed in the case of phone numbers longer than 15 digits.

4.12 Using emergency numbers

You will always have the option of dialling one of the two pre-programmed numbers (Police/Fire Dept) and the third personalised SOS number (see section 4.4). Dial as follows:



press **menu key**



press **1 key**



select the name with the **cursor keys**



By pressing the **ON/OFF key** the radio connection is made and the emergency number is dialled.

4.13 Switching on and off the keypad

The keypad lock blocks the keys thus preventing accidental dialling during transportation, for example. If the keypad lock is switched on, then the only available option is to switch it off. There is one exception: an emergency call - this can be made at any time. An active keypad lock is switched off when placing the handset in the charger after an interruption in the power supply to the handset (removal of the batteries) or after taking a call. **Incoming calls can be taken in the normal way.**

Switching on the keypad



press **menu key**



press **star key**



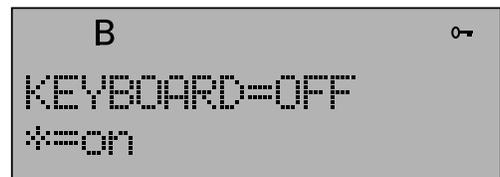
Switching off the keypad



press **menu key**



press **star key**



4.14 Switching on/off the Handset

You can switch off the mobile unit when:

You do not want to be disturbed by incoming calls

You are outside the range of the base-set and you wish to save the batteries



To switch off press and hold **ON/OFF key** for two seconds. When the handset is switched off "**POWER OFF**" appears in the display



To switch on again, press the **ON/OFF key**

When powered off incoming calls are not signalled!

4.15 Temporarily switching off the Handset

If you do not wish to accept an incoming call pressing the **STOP key** will stop the telephone ringing!

4.16 The volume in the handset

The pre-set volume in the handset can be increased. **VOLUME HIGH** or **VOLUME STANDARD** is displayed for 3 seconds after changing

Increasing the volume in the handset

	press menu key	VOLUME HIGH! 100%
	press hash key	

Switching handset volume back to standard

	press menu key	VOLUME STANDARD! 100%
	press hash key	

4.17 Activating the lock/changing the PIN

This device can be protected against unauthorised use by allocating a PIN

If a PIN is issued in the following way, outgoing calls can only be made if the PIN is entered beforehand.

Handset is in stand-by mode

	press menu key	B PIN ? ----- 0-9
	press OK key	
	select TEL.-LOCK ON/OFF	B TEL.-LOCK=OFF On
	press OK key	
	enter new personalised PIN (i.e. 1234)	B TEL.-LOCK=OFF On
	enter PIN once again	
	press OK key	

The unit is now locked. Outgoing calls can only be made by entering this PIN

Please take careful note of the PIN. If you forget this PIN the unit can only be unlocked by a Service Engineer

4.18 Making a call with lock enabled



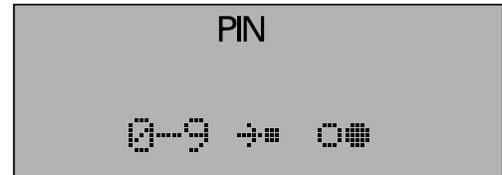
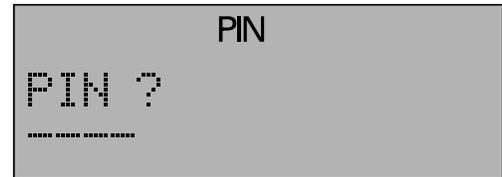
Press **ON/OFF** key



enter the PIN (i.e. 1234)
After correct PIN the handset is
„ready to dial“. Display message
depends on the used base set.

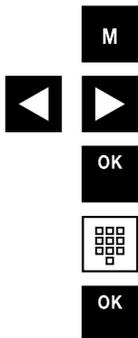


Dial required number



4.19 Disabling the lock

Handset is in stand-by mode



press **menu key**

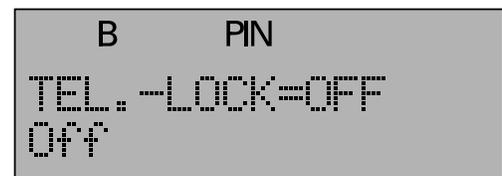
select **TEL.-LOCK ON/OFF**

press **OK key**

enter PIN

press **OK key**

The unit is now unlocked



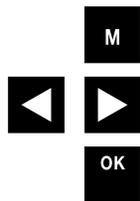
4.20 Setting the Handset ringing type

The ringing type **to signal incoming calls** can be individually configured for tune and volume.

10 melodies and 8 volume settings are available.

At volume level 01 the tone sounds only once in order not to disturb users meetings, for example.

When delivered the Handset is set at volume 05 and melody 02.

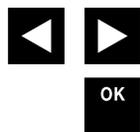


press **menu key**

press **OK Key**

select **VOLUME/MELODY**

press **OK Key**



select **VOLUME or MELODY**

press **OK Key**



to set the **volume**:

8 levels: 00 = no ringing type;
01 = short click;
02...07 = volume

to set the **melody**:

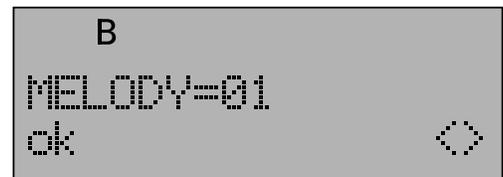
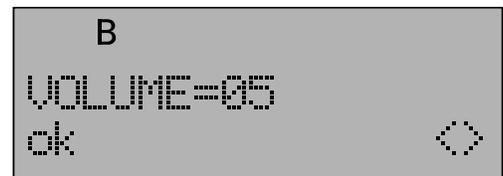
10 melodies 01-10



press **OK Key**



press **menu key**



5.1 Overview of the functions in the set up menu

Various settings for operating the handset are combined in the set up menu.

The set up menu can be found in the local menu (as a submenu).

The default values (state upon delivery) are:

Key click: on

Note: A description of how to programme the **log-in** procedure can be found earlier on in these operating instructions.



5.2 Switching on/off keyclick

The keyclick is an acoustic acknowledgement on pressing a key. When delivered the key click is switched on: the following will enable you to switch it off or vice versa.

-  press **menu key**
-  press **OK Key**
-  /  select **SET UP**
-  press **OK Key**
-  /  select **BEEP=ON**
or **BEEP=OFF**
-  press **OK Key**
-  press **OK Key**
-  Press **menu key** to select other menu items



```

B
BEEP=ON
OFF

```

5.3 Measuring the field strength

In order to assist you in deciding on the choice of location for the base-set, you can measure the field strength. The quality of the connection to the three strongest base-sets is then indicated (The display information about „KE1“ and „KE2“ is redundant).

-  press **menu key**
-  press **number 5**



```

B
BASE A   KE1   KE2
RSSI: 95  00   00

```

In the top line the three strongest base-sets are indicated. In the lower line their field strengths are compared. If the field strength is too weak, this is indicated by two dashes (--) Quit this function by pressing the **menu key**

Accepting a call.....	16	Making an emergency call.....	22
Acoustic signalling	30	Measuring the field strength	28
Approval	30	Menu items - overview.....	31
Calling up the local menu	13	Mute function.....	17
Calls - incoming.....	16	Names	8
Calls - outgoing	16	Outgoing calls.....	16
CE - symbol.....	30	Overview	b
Charging the batteries.....	3, 4, 5	Overview of menu items	31
Changing the PIN.....	24	Preparing to dial	11
Cleaning	6	Ready-to-dial	10
DECT standard	3	Selecting a base	14
Deleting the short code memory.....	21	Service.....	34
Delivery state	6	Set up location.....	5
Display	10, 32	Set up menu	27
Emergency numbers.....	20, 22	Short code	19
Encryption.....	3	Signalling	30
Ending a call	17	SOS numbers	20, 22
Faults	33	Switching on/off the handset	23
Handling the batteries	4	Symbols.....	32
Hearing aids.....	3	Technical data.....	33
History function	18	Technology.....	3, b
Idle state.....	10	Temporarily switching off the handset	23
Incoming calls	16	Texts	8
Initiating a call	16	Tone ringing	26
Key click.....	28	User guide	7
Keypad lock	23	Volume	24
Last number redial	11, 17-18		
Local menu	13		
Lock	24, 25		
Logging a handset in to a base....	14		
Log-in.....	14		
Making a call with lock enabled..	25		

6.1 Acoustic signalling

- **The dialling tone** is a continuous signal. It sounds when the handset is switched on. This means: you can dial the phone number to reach someone via the public telephone network.
- **The ringing tone** is a signal with a short tone, long pause rhythm. It sounds after the phone number has been dialled. This means: the connection has been established.
- **The busy tone** has a swift rhythm of short tones and pauses. It sounds after the phone number has been dialled. This means: the connection or line which has been dialled is busy.

6.2 CE 0188 X for the portable part

The product complies with the basic requirements of all respective directives of the European Union Council. The specified conformity assessment procedures were performed.

CE 0188 X

The portable part meets the requirements of the following EU directives:

CTR 6 (94/471/EG) (Edition I)

CTR 10 (94/472/EG) (Edition I)

CTR 22 (97/525/EG) (Edition I)

EN 50081-1 (01/92)

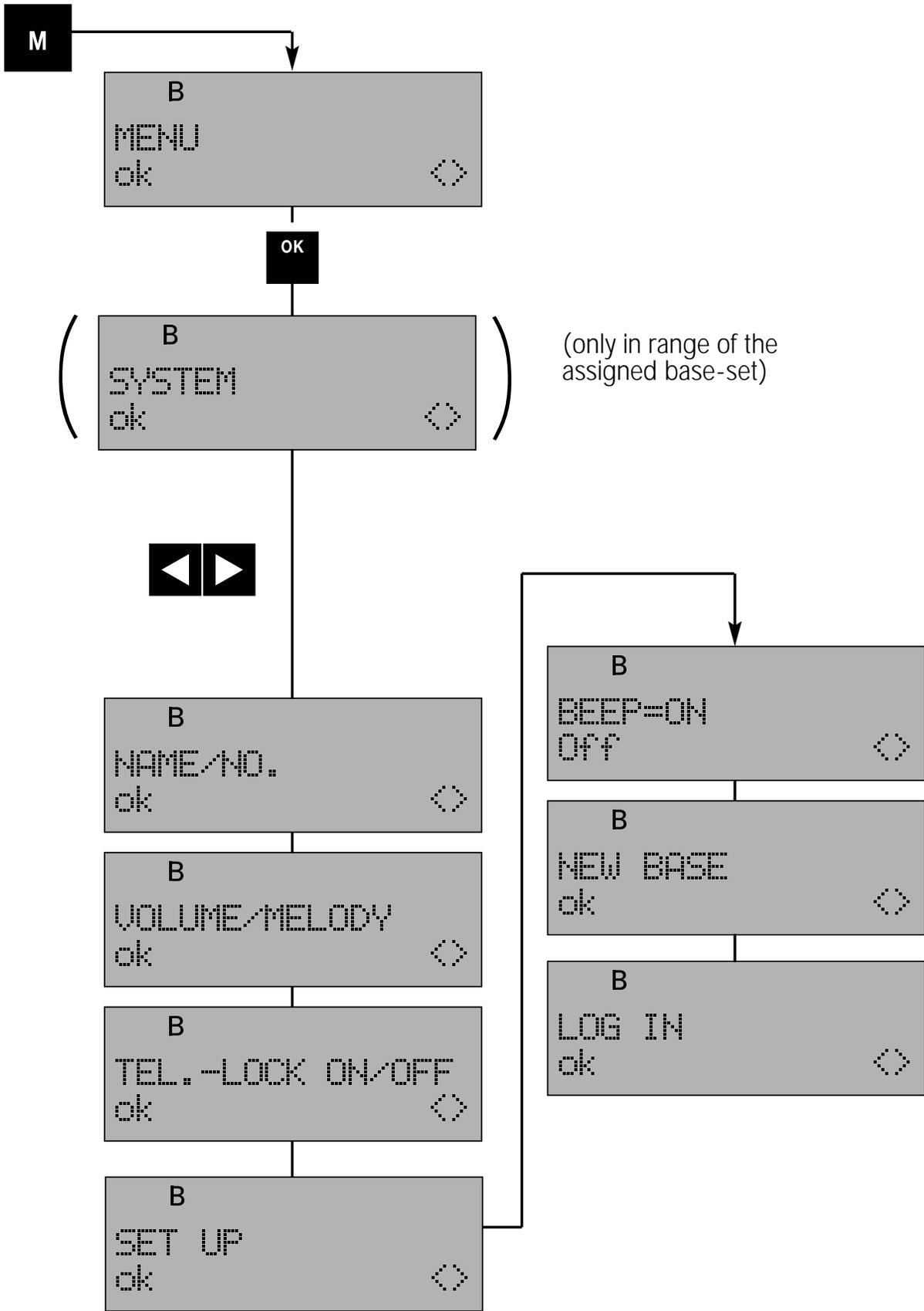
EN 50082-1 (01/92)

ETS 300 329 (06/97)

EN 60950-A4 (07/96)

EN 41003 (06/97)

6.3 Overview of menu items



6.4 Symbols used in display

9 different symbols are used to help you operate the Handset:

B

Ready to use indicator: logged-on and in range of the base-set.



microphone switched off



active when pressing the last number redial key to select a redial number when preparing to dial (history function)
deactivated on retrieval of the telephone number or by completing or leaving the procedure



activated on pressing the short-code key when prompted to select or programming a short-code number
deactivated on retrieval of the number, or by completing or leaving the procedure.

PIN

active when the Handset is locked against unauthorised use



active when DTMF is installed - this symbol is controlled by the base-set



active when the handset is switched to LOUD



active when the keypad is disabled

6.5 Trouble Shooting

● no functionality

▣► battery low ▣► change battery.
Check that the batteries are correctly fitted especially ensuring the contacts are free from dust, etc. (see 1.4)
▣► assign the Handset to the base-set (see 3.1)

● no battery status display

▣► battery has been changed (display only appears on reaching 60% capacity) ▣► change battery (see 1.3)

6.6 Technical Data

Standard:	DECT GAP
Transmission/reception frequency:	1880 - 1900 MHz
Range:	up to 300 m
Operating time:	(in buildings up to 50 m)
- Standard battery	Standby*: up to 45 h
2x700 mAh / NiCd / Size AA	Talktime: up to 5 h
- Power battery (accessory)	Standby*: up to 70 h
	Talktime: up to 8 h
- Slimline batterypack (accessory)	Standby*: up to 40 h
	Talktime: up to 4.5 h
Dimensions:	150 mm x 52 mm x 20 - 25 mm (depends on the battery cover used)
Weight incl. batteries:	180 g

* The standby times are approximate and depend upon the position of the base and its distance from the handset(s).

6.7 Service



This device fulfills the requirements of the EU regulations:

92/31/EWG „Electromagnetic compatibility“
93/68/EWG „Electric resources for use within
certain voltage ranges“

This is designated by the CE label.

Subject to changes

Hagenuk GmbH
Westring 431
D 24118 Kiel

User's Manual Handy Pico
Mat.-Nr. 3100.558
Edition 12/98