HomeHandy Pìco *voice*

Operating instructions

GAP

‚‚hagenuk

The Handset

Receiver Inset

Display

hagenuk
Pico

DECT-GAP
TECHNOLOGY

Keys for menu operation — OK ◀ ▶ STOP

Menu-/ON — M ☎ R

Keypad

SOS 1	ABC 2	DEF 3
GHI 4	JKL 5	MNO 6
PQRS 7	TUV 8	WXYZ 9
*	0	#

Short-code dialling/ internal/ last number repetition — →• INT ○●

Microphone

The Base set

Telephone connection

Charger for handset

Two-colour LED (red/green)
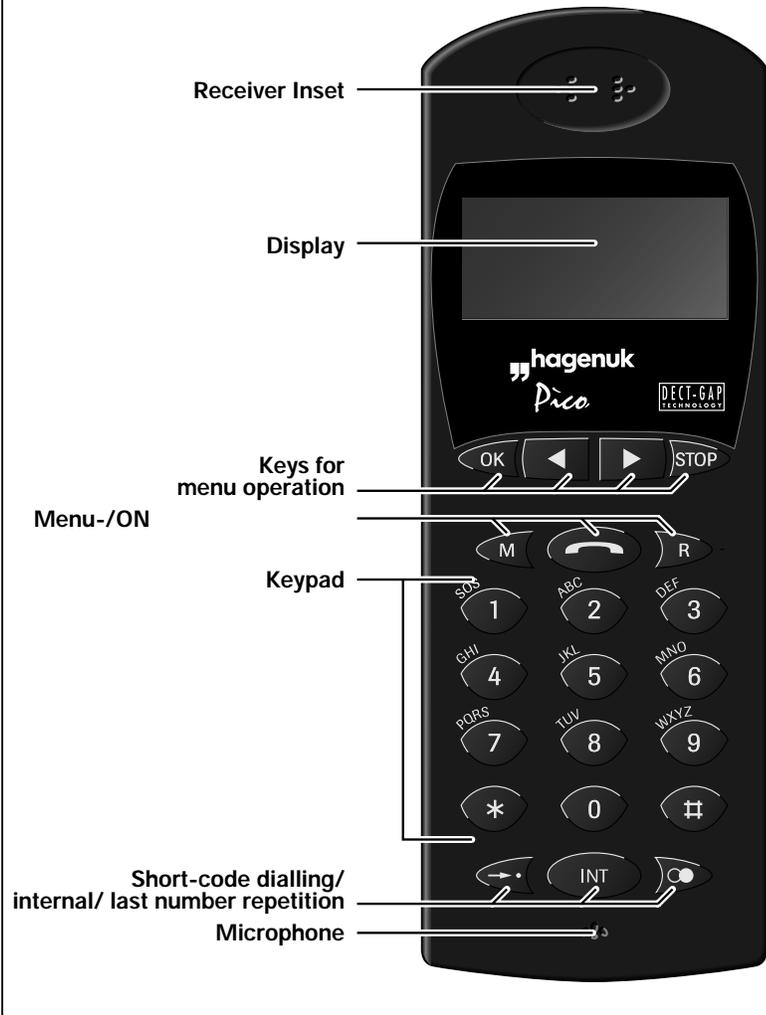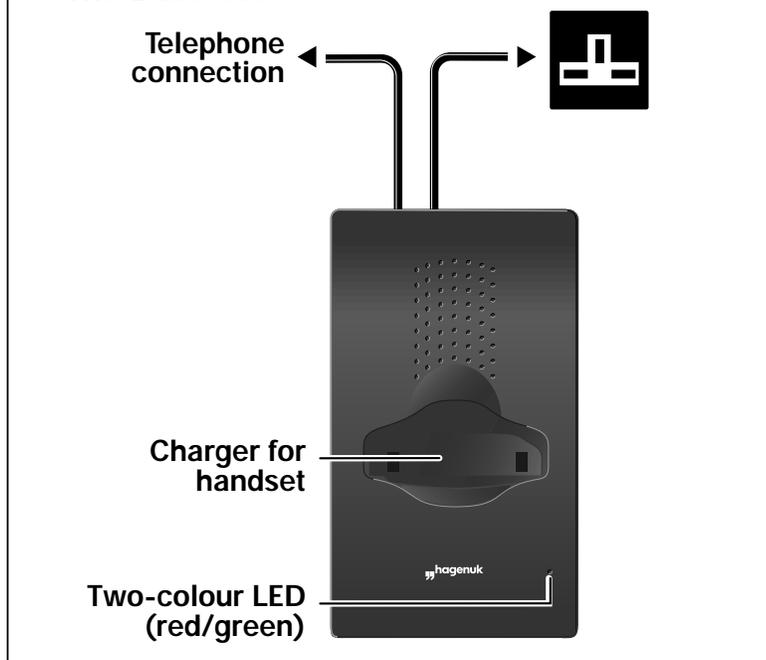
Technical Overview

Telephone

- Easy to use Handset for DECT units and systems with GAP

- CLIP (Calling Line Identification Presentation) - displays the incoming telephone number

- Digital transmission in accordance with DECT standard

- 21 Name & Number alphanumeric memory

- Adjustable hand-set volume

- Can be used with standard NiCd or NiMH batteries of varying capacity (AA/Mignon size)

Answering Machine

- Total recording capacity of up to 15 minutes

- Two recordable greetings (with and without message recording)

- Programmable start of Answering Machine (counts ringing signal)

- Recording facility

- Incoming messages can be played over the base-set loudspeaker

- Remote enquiry facility with "cost-free" calls

1.1   Some Technical Information…

The HomeHandy Pìco *voice* is a cordless telephone conforming to the DECT (Digital Enhanced Cordless Telephone) standard. It consists of a handset and a base-set with an integrated charging device for the battery in the handset. Additional chargers are available as accessories.

The speech in the handset and base-set is encrypted by the requirements stipulated in the DECT standard: this offers protection against eavesdropping by scanners. The voice quality is not adversely affected.
Usage in connection with hearing aids can result in interference.

Note **During power failures calls cannot be made** with the HomeHandy Pìco *voice* due to the lack of power supply to the base-set unless fitted with a backup battery supply.
The HomeHandy operates to the **GAP (Generic Access Profile) standard**, i.e. it can accommodate other GAP-standard mobile units which can be logged-on to the base-set. In the same way, this Handset can be logged-on to other GAP base-sets. Refer to relevant manufacturers' handbook.

Caution Your HomeHandy has the option of using a **PIN**. This is delivered with a default value of "0000". If you want to prevent unauthorised adjustments to certain settings (e.g. the number of assigned Handsets, etc.) then change the PIN. Do not forget this number and if necessary write it down as the unit can only then re-installed by a service engineer.

Special notes on the Answering Machine

- All programming is only possible via the Handset and is supported by text in the display
- No programming is possible during remote access
- The Answering Machine is disabled during programming. Incoming calls are still signalled
- When the storage capacity of the Answering Machine falls below 30 seconds, the machine will automatically default to greeting no. 2 (no message recording)
- It is possible to switch off the Answering Machine even if there are still messages stored in memory
- If, during programming, there is no keypad activity for 30 seconds the program will time-out.
- User are accustomed that calls are answered normally within about 10 seconds and the majority of abandoned calls are not answered within 45 seconds.

This apparatus has been approved for the use of the following facilities:
    DECT telephony
    Auto calling
    DTMF dialling
    Loop disconnect dialling
    Auto answering.

Any other usage will invalidate the approval of the apparatus if as a result it then ceases to comply with the standards against which approval was granted.
If the battery backup is not installed to your phone (see „Instruction for use of the backup power supply unit" p. 55) a call cannot be made with the HomeHandy Pìco *voice* during a power failure as the power supply to the base station is then interrupted.

1.2   Preparation

Positioning the base-set

When choosing the position of the base-set for the HomeHandy Pìco *voice*, please note the following:
- Avoid immediate proximity to CD players, video recorders, and television sets, computers and microwave devices. Satellite receivers and other Answering Machines should also be avoided as these are not particularly DECT secure and can lead to interference
- Avoid installing in places where there is a strong possibility of dust or smoke, direct sunlight or high humidity, or close proximity to heat sources
- Try to position the base-set as close as possible to the centre of the area to be used for making calls. In a house with several floors you will possibly get the best range by placing the base-set close to the stairs

Place a **non-slip pad** beneath the base-set and charger (accessory) so that the plastic base does not scratch the varnish on furniture and leave unwanted marks on surfaces.

Connecting the base-set
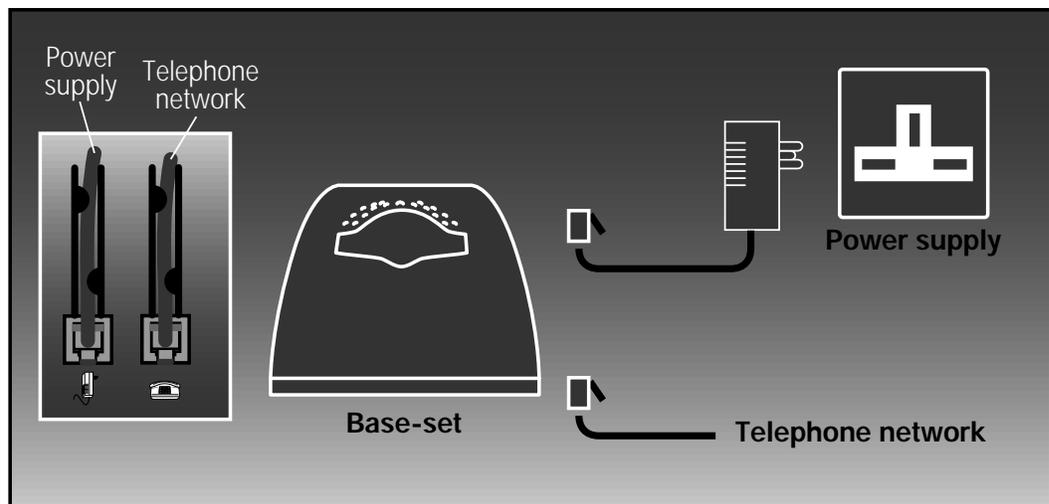
Before using the HomeHandy Pìco *voice* you must first connect the base-set to the **telephone network** and **power supply**. Connect as indicated in the diagram. The connector sockets are positioned underneath the base-set and are indicated by the corresponding symbols.

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 base-set 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).

In the display will appear: ___%

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

```
 B


Voice A        100%
```
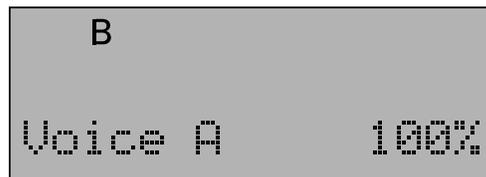
If disconnected from the power supply for several hours (e.g. holidays or during a lengthy installation), the batteries should be removed as they will lose too much charge and will need to be fully re-charged before the unit is to be used again.

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!**

NI-CD
NI-MH

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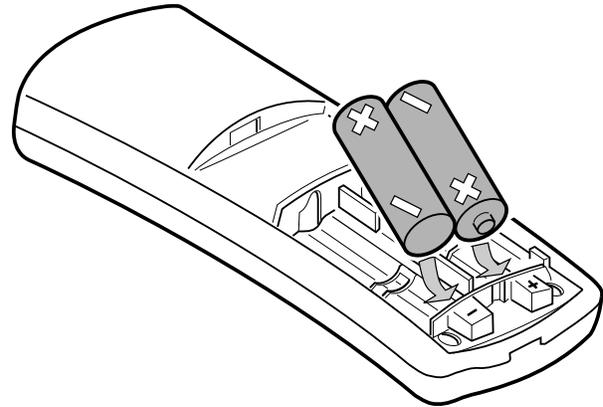
**Only fit identical battery types with identical capacity.
Only use rechargeable batteries!**

1.5   Default settings on delivery

The HomeHandy Pìco *voice* is delivered with the following basic settings:

Handset

- No phone numbers stored
- Ringer melody level 2
- Ringer volume level 5
- Handset volume normal

- Keypad lock inactive
- Key click switched on
- Logged in

Base-set

- Public net
- Ringer melody level 1
- Ringer volume level 4
- DTMF dialling

- PIN 0000
- No dialling pause
- CLIP function inactive

Answering Machine

- Monitoring on
- Remote control off
- Number of ringing 4

- Time 00:00
- Date 01.01

1.6   Setting up Answering Machine for immediate use

To immediately use the Answering Machine simply record your greeting, set the operating mode and enter the actual date and time:

1: Record your greeting

[M]   press **menu key**

[◀]/[▶]   Select **SYSTEM**
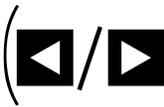
[OK]   press **OK- key**

([◀]/[▶])   Select **VOICE**

[OK]   press **OK- key**

[◀]/[▶]   Select **INPUT TEXT**

[OK]   press **OK- key**

[◀]/[▶]   a) **INPUT TEXT 1** (greeting with recording function)
        Or
   b) **INPUT TEXT 2** (greeting without recording function)

[OK]   press **OK- key**

In the display the corresponding selection will appear **RECORD TEXT 1** or **RECORD TEXT 2**. After the tone give your greeting loud and clear into the handset microphone.

[OK]   End the greeting by pressing the **OK-key**. The greeting will then be played back to you
To record the second message repeat the process starting at a) or b)

2: Set mode

[Stop]   Press **STOP-Key**

[◀]/[▶]   select **VOICE ON/OFF**

[OK]   press **OK- key**

2: Set mode

◀/▶   select a) **TEXT 1** (for recording messages)
         or
         b) **TEXT 2** (when the Answering Machine is not recording messages but playing back greeting 2)

OK   press **OK- key**. The relevant greeting is repeated back to you. The LED on the base-set flashes red for setting a) and green for setting b). The Answering Machine is now activated.

3: Set time and date

Stop   Press **STOP-Key**

◀/▶   select **VOICE SET UP**

OK   press **OK- key**

◀/▶   select **SET TIME 00:00**

OK   press **OK- key**

▦   Enter the actual time via the keypad (first hours, then minutes)

OK   press **OK- key**

◀/▶   select **SET DATE 01/01**

OK   press **OK- key**

▦   Enter the actual month (with leading "0" if necessary)

OK   press **OK- key**

▦   Enter the actual day (with leading "0" if necessary)

OK   press **OK- key**

☎   By pressing the **ON/OFF Key** the machine is put on stand-by. The Answering Machine is now ready for use.

2.1 General Operation

The keypad   The keypad consists of 22 keys:

Number keys **1** to **0**   and characters **✳** and **♯**

Special keys for:

⦾   last number redial   **M**   Menu Key

INT   internal connection   **OK**   Select key

R   Signal key (hold)   **Stop**   Stop key

☎   Switch on/off (Hook)   **◀**/**▶**   Cursor control

➡•   Short-code memory

Time-Out   Incomplete programming changes or control displays are abandoned **30 seconds after the last keystroke** (fixed): this is also indicated by the negative acknowledgement tone

Acknowled-gement tone   Positive acknowledgement tone

0,6 s
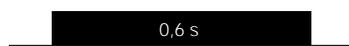
- concluding successful programming
- connection with another Handset (see 6.2 and 6.3)

Negative acknowledgement tone

0,1 s 0,1 s 0,1 s 0,1 s 0,1 s 0,1 s 0,1 s

- error
- battery very low (talk-time @ 3 mins)
- all radio channels busy

Ringing Sig-nal   Exchange call sequence
-   external call coming in

0,5   0,5   0,5   0,5
   0,5   3,5 s   0,5

Internal call

0,3   0,3
      4 s

Internal engaged tone

0,5   0,5   0,5   0,5
   0,5   0,5   0,5

Internal dialling tone

0,3 0,3 0,3
   0,3 0,3   3,5 s

Call waiting tone (in handset)   on incoming calls during an internal connection

0,1   0,1
   5 s   5 s

2.2 User Guide

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

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:

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.

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 standby 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.
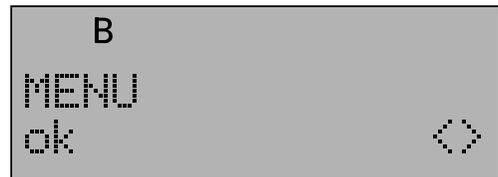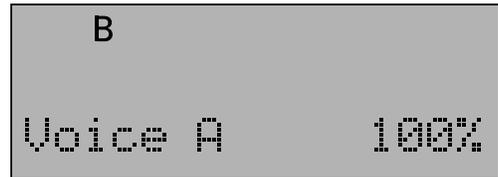
2.3   Entering names and text

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

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

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

Entry is via the numeric keypad. Every number is assigned to several cha-
racters 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 again select the character

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**

```
   B
01:OT_
ok      A-Z      <>
```

▶ 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:OTTO _
ok      A-Z      <>
```

Example: Enter the name "OTTO"

6 Press number key 6 three times for "O"

```
   B
O_
```

8 Press number key 8 once for "T".

```
OT_
```

▶ **8** 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_
```

```
OTTO_
```

6 Press number key 6 three times for "O"

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

Voice 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 continiued. 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
Voice 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** (⊟)

2.6   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.

```
B


Voice A         100%
```
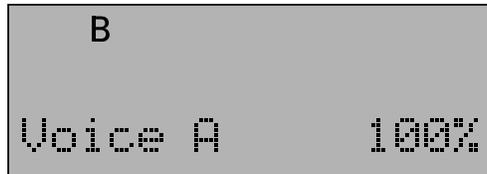
Corrections can also be made retrospectively, in which numbers can be added or deleted from the end by using the left **cursor key** and replaced with the correct numbers.

```
B
345345_
        0-9  →▪  ▢▪   <
```

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

3.1   Switching on and dialling (external calls)

The Handset is in stand-by mode

```
B


Voice A        100%
```

Press the **ON/OFF KEY**

Enter the telephone number, every entered digit is immediately dialled.

```
B

1234
         0-9  →▪  o▪  <
```

Start conversation
In external calls the duration of the call is displayed after the first minute. Counting begins 10 seconds after the last keystroke.

```
B

1234
Start Rec.    1:20
```

3.2   Dialling "en bloc" (external calls)

You can enter a number whilst the Handset is in stand-by mode: by then pressing the ON/OFF key the radio connection is made and the number is dialled as displayed (en bloc).

Enter telephone number

```
B

0431987654_
         0-9  →▪  o▪   <
```

Press **ON/OFF Key**

Begin talking

```
B

0431987654
Start Rec.     1:20
```

A dialled number is stored in the last number redial after the Handset is switched off. You can opt to use the memory functions for short code redial or last number redial.

Call duration is displayed in minutes/seconds, no later than after the first minute

3.3 Switching on and dialling (internal call)

If you are operating a base-set with several Handsets (maximum of 8) you can have free internal calls between Handset: the duration of the call is not indicated.

The Handset is in stand-by mode

```
B


                     ‑1‑
```

INT   Press **INT** key

[keypad]   Enter number of the required Handset. Begin talking.

3.4 Ending a call (internal and external)

[handset icon]   **Press the ON/OFF KEY**
           Or
Replace Handset in the base-set

3.5 Accepting a call (incoming)

[note icon]   **On receiving a call**
The phone rings and the following messages appear

Examples
External call (CLIP) not activated

```
B



```

External call (CLIP) activated

```
B
0039245678902345+
               <>
```

If the displayed number is longer than 16 characters (indicated by "+" at the end) use the right cursor key to scroll to the right to read the whole number.

Call from another Handset on the same base-set (no.3)

```
B
INT 3

```
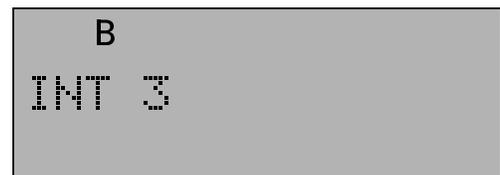
Accepting the call

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

Or

By pressing the **ON/OFF** Key

**Alter-
natively**

The Handset is in the base-set

When the Handset is in the base-set at the time of the incoming call you need only pick up and the connection is automatically made and you can begin talking immediately. The ON/OFF key is made inactive for 3 seconds to avoid accidentally switching off the Handset and ending the call.

4.1   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 dis-
played.
Corrections or additions to the
number is possible (see also
"General Information - Display
Indicators when telephoning)
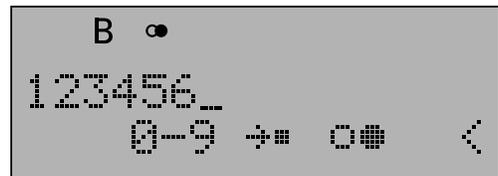
Press the **last number redial
key**
The last-but-one dialled number is
displayed, and so on.
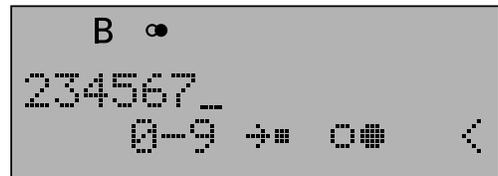
**Required number is selected
in stand-by mode**
Number is dialled after pressing
the **ON/OFF key**

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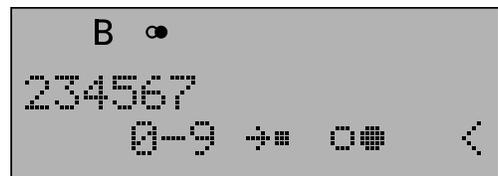
in **Ready to Dial** the number is
dialled by pressing the **OK key**

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

4.2 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.
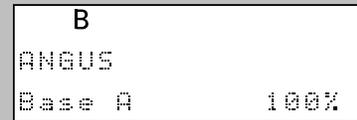
```
 B
ANGUS
Base A        100%
```

4.3 Storing names and numbers

M   press **menu key**

OK press **OK key**

◄/► select **NAME/NO.**

OK press **OK key**

OK press **OK key**

```
 B
NAME/NO.
ok              <>
```

Select memory location

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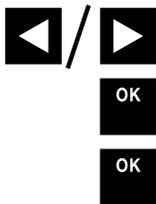
The first memory location is indicated. You can now enter **a two digit location number** or user the **cursor key** to locate an empty field or to re-use a field. If location is unoccupied "-------" is displayed.

OK press **OK key**

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

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

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

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

```
   B    →·
TEL.-NO.?
ok 0-9 ■→ o▦      <
```

| | Enter telephone number |

or

| | |

Press the last number redial key to transfer number to the short-code memory
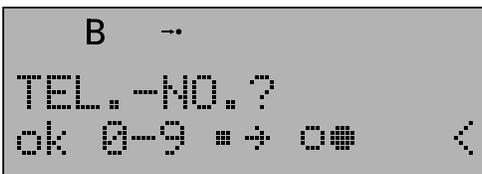
| (◀) | Make corrections with the left **cursor key** |

| **OK** | press **OK Key** |

| **M** | 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.

4.4   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 (se section 4.7 "Calling emergency numbers)

Emergency numbers are stored as follows:

| **M** | press **menu key** |

| ◀/▶ | select **NAME/NO.** |

| **OK** | press **OK key** |
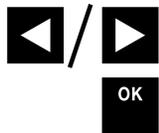
◀/▶   select **PROG. SOS-NO.**

[OK]   press **OK key**

◀/▶   select either one of the pre-
               programmed numbers (Fire
               Dept/Police) or the personali-
               sed number (name)

```
  B
PROG. SOS-NO.
ok                <>
```
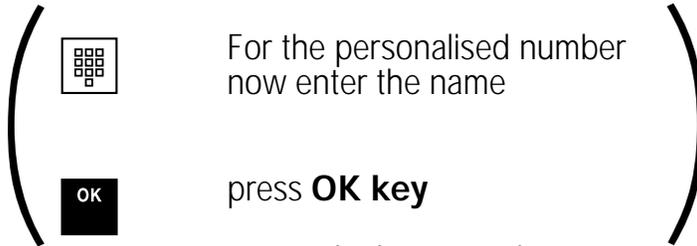
[OK]   press **OK key**

[▦]   For the personalised number
               now enter the name

[OK]   press **OK key**

[▦]   enter telephone number

◀   make corrections if necessary
               with **cursor keys**
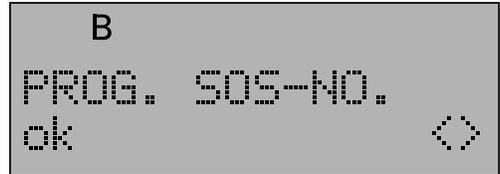
[OK]   press **OK key**

4.5   Deleting short-code memory

[M]   Press **menu key**
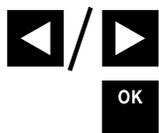
[OK]   press **OK key**

◀/▶   select **NAME/NO.**

[OK]   press **OK key**

◀/▶   select **DEL.NAME/NO.**

```
  B      ⇥
DEL. NAME/NO.
ok                <>
```
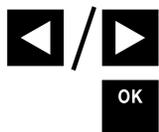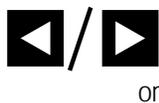
[OK]   press **OK key**

◀/▶   Select memory location either
               by using **cursor keys**
  or   OR
[▦]   by entering the 2 digit number

[OK]   press **OK key**
               Memory location is deleted.
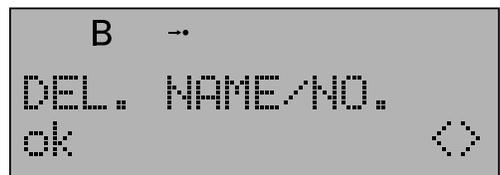
You can now delete another short-code memory or quit this function via the **menu key**.

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     →·

DELETE ALL
ok                    <>
```
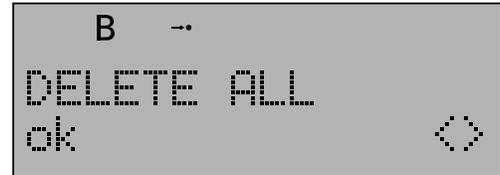
4.6 Dialling with short-code

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.

◄/►

```
   B     →·

01:BENJAMIN
Nr.    01-21        <>
```
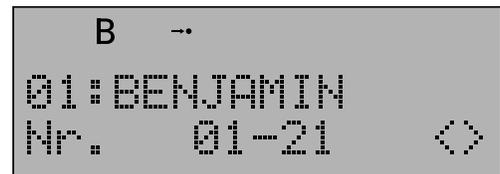
OK After pressing the **OK key** the corresponding number is displayed. The option to amend numbers is identical to manual dialling and last number redialling.

```
   B     →·

123456_
          0-9  →•  O▦   <
```
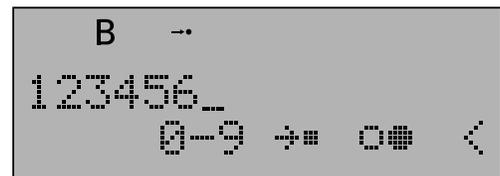
☏ If you want to select the displayed number, press the **ON/OFF key**

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

4.7 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:

M   press **menu key**

1   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

4.8 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

M   press **menu key**

0   press **0 key**

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

```
        B ⌁
MIC OFF!
Start Rec.
```

M   press **menu key**

0   press **0 key**

microphone is reactivated
MIC.ON is displayed for 3 seconds

```
         B
MIC ON!
Start Rec.
```

4.9   Switching on/off the mobile unit

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

4.10 Temporarily switching off the mobile unit

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

4.11 Switching on the keypad

press **menu key**

press **star key**

```
   B                    ⌖
KEYBOARD  OFF!
```

4.12 Switching off the keypad

press **menu key**

press **star key**

```
   B                    ⌖
KEYBOARD=OFF
*=On
```
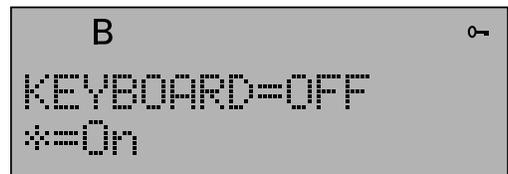
4.13 Activating the lock/changing the PIN

This device ca 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

M — press **menu key**

OK — press **OK key**

◀/▶ — select **TEL.-LOCK ON/OFF**

OK — press **OK key**

— enter new personalised PIN (i.e. 1234)
enter PIN once again

```
     B

PIN ?
----------          0--9
```

OK — press **OK key**

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

```
          PIN
TEL.-LOCK ACTIVE
Voice       100%
```
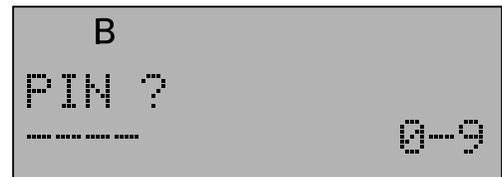
> Please take careful note of the PIN. If you forget this PIN the unit can only be unlocked by a Service Engineer

4.14 Making a call with lock enabled

— Press **ON/OFF key**

```
   B      PIN

PIN?
----------
```

— enter the PIN (i.e. 1234)
After correct PIN the handset is „ready to dial"

— Dial required number

```
   B      PIN


      0--9  -*  O
```
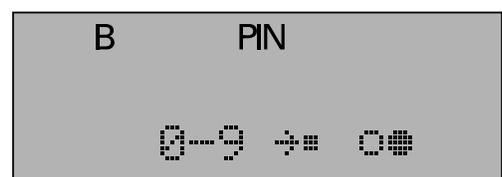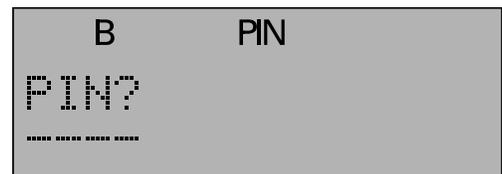
4.15 Disabling the lock

Handset is in stand-by mode
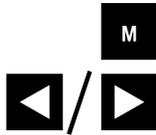
M　　press **menu key**

◄/►　　select **TEL.-LOCK ON/OFF**

```
     B        PIN
TEL.-LOCK=ON
Off
```

OK　　press **OK key**

▦　　enter PIN

OK　　press **OK key**

The unit is now unlocked
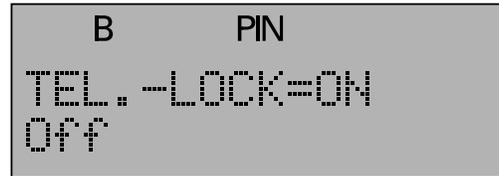
4.16 Call duration display

10 seconds after dialling the last digit of an external number counting
begins. After the first minute of the
call has passed the actual duration
of the call appears in the display as
minutes and seconds.

```
     B
123
Start Rec.   1:30
```

4.17 Temporarily changing the dialling mode

This change is necessary for installed pulse dialling mode, i.e. remote
query of the Answering or voice mail box.

✳　　press **star key**

If DTMF is installed, the music note
symbol ♫ is displayed
Dial the number

```
     B                 ♫
*123
   0-9  +▪  ○▪
```
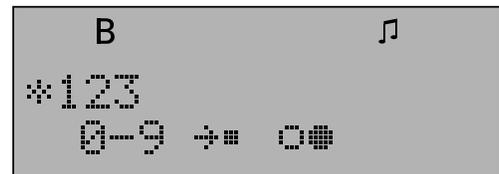
Switchback by
ending the connection

Note:　　To permanently change the dialling mode see chapter 8.1.
　　　　To change signalling method and dial pause see chapter 8.1.

4.18 Changing the PIN at the base-set

The PIN provides protection against **unauthorised** use of vital installed features in your telephone. In order to effectively protect your phone, you should program **your own PIN**. Note this PIN carefully as only a **service engineer** is able to reset the PIN to its default value of 0000.

The Handset is in stand-by mode and close to the assigned base-set:-

M press **menu key**

OK press **OK key**

◄/► select **SYSTEM**

OK press **OK key**

◄/► select **PROG.PIN**

OK confirm with **OK key**

enter actual PIN
(default value 0000), every entered
digit deletes one stroke "---"

enter new PIN (4 digits, numbers
0-9)

re-enter new PIN and end with **OK Key**
OK If code is incorrect , re-enter the
new PIN once more

M Press **menu key,** the unit is now
in stand-by mode

Note   Press **menu key** at any stage to cancel programming

4.19 CLIP (Caller Line Identification Presentation)

Your HomeHandy Pìco *voice* telephone comes with the CLIP facility, the display of external numbers. In order to use CLIP you must order the service from your telephone company and install the facility at the Handset (see 4.20). The number of the caller is then displayed whilst ringing, provided that the caller has allowed his number to be transmitted. In addition, your telephone stores callers' numbers in a list which have either been accepted by you or the Answering Machine. Callers who do not transmit a number are indicated by „ANONYM".

4.20 switching on/off the CLIP facility

In order to use CLIP you must order the service from your telephone company as well as activated the facility in you telephone (default value: CLIP=OFF)

The Handset is in stand-by mode:

M   press **menu key**

OK   press **OK key**

◀/▶   select **SYSTEM**

OK   press **OK key**

◀/▶   select **MODE**

OK   press **OK key**

◀/▶   select **CLIP ON** or **CLIP OFF**

```
       B
CLIP=OFF
On               <>
```

OK   press **OK key**

OK   press **OK key** once more; you have now switched on/off both the CLIP facility as well as the caller list

4.21 Display and dialling new numbers from the caller list (CLIP)

If new numbers have been received in the caller list, the message **NEW CAL**L is displayed and the total number of new numbers

```
 B
NEW CALLS 02
Show          100%
```

Viewing numbers

OK press **OK key**

OK **Stop** With the **OK key** and the **STOP key** you can scroll within an entry. The entries are listed as follows:-

1. Running order of the call

```
 B
01:0434188184+ 3
More            <>
```

2. Caller's number (max 10 digits are displayed: with longer numbers a "+" before or after indicates missing digits from the display. Missing numbers at the beginning are reached by the **STOP Key** and at the end by the **OK key**.

Stop

```
 B
01:+510         3
Date            <>
```

OK

3. The last digit indicates the number of calls mad by the displayed telephone number

OK press **OK key** once more
4. Date and time of the call (multiple calls by the same number registers the time of the last call.

```
 B
01:13/04 14:30 3
Dial            <>
```

OK one more press of the **OK key** selects the corresponding number directly from the caller list

◄/► use **cursor keys** to scroll through individual entries on the list.

```
 B
02:0401234567   1
ok              <>
```

4.22 Selecting from the whole caller list (CLIP)

If you have already picked up all new messages from the Answering Machine as well as seen all numbers in the caller list-

OK   press **OK key**

```
        B
CALLER LIST
ok                  <>
```

◄/►   select **caller list**

If you have NOT already picked up all new messages from the Answering Machine NOR have you seen all numbers in the caller list-
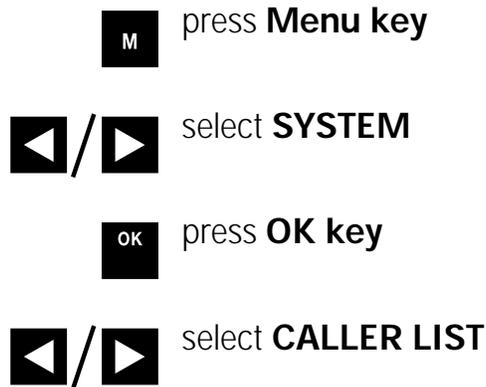
M   press **Menu key**

```
        B
SYSTEM
ok                  <>
```

◄/►   select **SYSTEM**

OK   press **OK key**

```
        B
CALLER LIST
ok                  <>
```

◄/►   select **CALLER LIST**
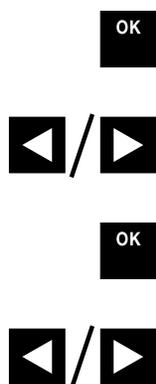
OK   press **OK key**

◄/►   select **CHOOSE NUMBER**

```
        B
CHOOSE NUMBER
ok                  <>
```

OK   press **OK key**

◄/►   select an entry on the list with the **cursor keys**

OK **Stop**   by pressing the **OK key** and **STOP Key** you can scroll within the entry (see 4.21)

```
        B
02:0401234567   1
Date
```

OK   to dial the displayed number, press the **OK key** within the date entry. The number will now be indicated by a "✳" (in place of the number of calls made) as a returned call.

```
        B
02:05/02 11:12 ✳
Dial
```

4.23 Deleting numbers from the caller list (CLIP)

The caller list can store a maximum of 20 different telephone numbers. When all memory locations are full, the oldest returned-call number is replaced by the new incoming call. If all numbers in the list are not returned calls, then the oldest number is overwritten. It is also possible to remove individual numbers from the list;

◄/► select **caller list** (see 4.22)

| B |
| CALLER LIST |
| ok   ◇ |

OK press **OK key**

◄/► select **DELETE NUMBER**

| B |
| DELETE NUMBER |
| ok   ◇ |

OK press **OK key**

◄/► select an entry with the **cursor keys**

OK press **OK key** to scroll to the date/time entry

| B |
| 05 12/04 14:30 2 |
| Delete |

OK press **OK key**

◄/► select more numbers

or

| B |
| 05 12/04 11:12 1 |
| Delete |

☎ end with **ON/OFF key**
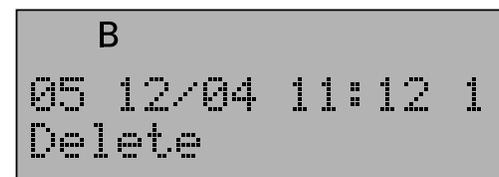
4.24　Delete all returned call entries in the caller list (CLIP)

It is possible to remove all returned call entries from the caller list at once. Numbers not yet called are then removed individually (see 4.23)

◀/▶　　select **caller list**

```
        B
CALLER LIST
ok                ◇
```

OK　　press **OK Key**

◀/▶　　select **DELETE LIST**

```
        B
DELETE LIST
ok                ◇
```

OK　　press **OK Key**
　　select further menu items

☎　　or quit the menu with the **ON/OFF key**
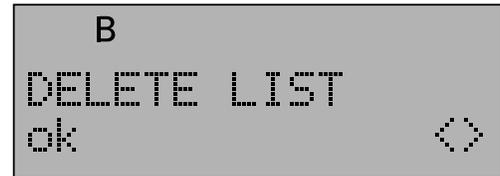
5.1   General information on the Answering Machine

Before using the Answering Machine for the first time it is necessary to at least record one welcome greeting. If no greeting is recorded then the machine cannot be used, instead you will hear the negative acknowledgement tone in the Handset (4 short tones). After correctly recording greeting text 1 the Answering Machine is automatically switched on to record mode.

The Answering Machine in the HomeHandy Pìco *voice* offers the option of choosing between Greeting Text 1with message recording and Greeting Text 2 without message recording. We recommend, however, that you record two greetings, as the machine will automatically default to Greeting Text 2 when the recording capacity is less than 30 seconds. In case of running out recording capacity, the answering machine signals a series of 3 tones.

At the base-set the current Greeting mode and the resulting incoming messages are signalled via a two colour LED (**red** = Greeting Text 1, **green** = Greeting Text 2, **flashing** = messages, **rapid flashing** = new messages.

Greeting Text 1*
Greeting with the facility to record a message. After a signal tone (i.e. after giving your name "…I can't take your call at the moment. Please leave a message after the tone". Duration of the greeting: 3-180 seconds.

Greeting Text 2*
Greeting without the facility to record a message (no tone, for example after giving your name "…you can reach us after such and such a time". Duration of greeting : 3-180 seconds. If there is no Greeting Text , the Answering Machine will accept no more calls once the message record facility has run out.

*   Recording a telephone number in the answering message there must be included the national code in the text.

5.2   Selecting Answering Machine functions

All functions within the Answering Machine are basically activated by the Handset logged on to the base-set. The following procedure brings you to the menu controlling the Answering Machine function (
(If there are no new messages on the Answering Machine, simply press OK Key. For new messages collect these first or access via the menu see 5.5).

M	press **Menu key**	B SYSTEM ok ◇
◀ / ▶	select **SYSTEM**	
OK	press **OK Key**	B VOICE ok ◇
(◀ / ▶)	select **VOICE**	

OK press **OK Key**

Here you choose the appropriate function and quit the menu path when finished by pressing the **ON/OFF key**. The Handset will then automatically be on stand-by.

5.3 Recording your Greeting

After reaching the menu section "Answering Machine functions (see 5.2) proceed as follows

◀/▶   select **INPUT TEXT**

```
         B

INPUT TEXT1
ok                   <>
```
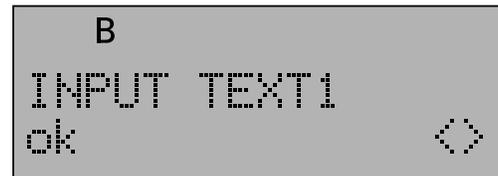
OK press **OK Key**

◀/▶   choose between   Greeting Text 1 (**INPUT TEXT 1**)
                              Greeting Text 2 (**INPUT TEXT 2**)

OK press **OK Key**
In the display will appear the corresponding selection **RECORD TEXT 1** or **RECORD TEXT 2**

A short bleep signals the beginning of the recording

Speak clearly into the Handset microphone

OK The recording is ended by the **OK key** or automatically after a silence of 8 seconds. After the recording has finished the greeting is played back. You are still in the **INPUT MENU** and by using the ◀ and ▶ **cursor keys** enter more greetings or by pressing the **STOP Key** return to the Voice menu. Complete the process and return the Handset to stand-by.

NOTE Only by successfully recording Greeting Text 1 is the machine ready for use. For optimum speech clarity it is essential to record the greeting in a room free from background noise
Only by successfully recording a Greeting Text will the greeting overwrite the old one. If the greeting is not accepted you will hear 4 short tones indicating that you must repeat the recording procedure.
If the storage capacity has completely run out then no further adjustments to the greetings can take place. In this case delete some of the stored messages.

5.4 Switching on the Answering Machine and checking the greeting

After reaching the menu section answering machine functions **VOICE** (see 5.2):

◀/▶   select **VOICE ON/OFF**

OK   press **OK Key**

◀/▶   choose between   *Text 1*
                                         Text 2
                                         VOICEBOX=ON

OK   press **OK Key**

(**OK**   when choosing **VOICEBOX=ON** press the **OK key** once more)

☎   End the input with the **ON/OFF key**

NOTE   If you selected **TEXT 1**, Greeting Text 1 will be played back. You can cancel this with the **STOP Key** . The Answering Machine is now switched to record a message after playing Greeting Text 1 (the LED at the base-set is now **red**)

If, on the other and, you have selected **TEXT 2**, Greeting Text 2 is played. . You can cancel this with the **STOP Key**. The Answering Machine will now answer calls with Greeting Text 2 but no message will be recorded (LED is **green**).

Switching the **VOICEBOX=ON** to **VOICEBOX=OFF** with the **OK Key** switches off the Answering Machine. If the Answering Machine is already switched off this is indicated in the display. This menu item now has no further function.

5.5 Playing back recorded messages

Messages are always heard via the Handset or via remote access (see remote access).

When new messages are on the Answering Machine the envelope symbol appears. The number of new messages ✉ is displayed and the LED flashes quickly.

```
    B        ✉

NEW MESSAGES 01
Play         100%
```

Searching for new messages

OK press **OK Key** to activate play back

The received messages are then played back in order. The order number and current time (received today) or date (received on previous days) of their arrival is displayed (see 5.10 "Setting Date and Time"

```
 B
MESSAGE:01  12:45
          >  Pause
```

time display/message from the same day

Stop Interrupt messages by pressing the **STOP Key**

If the ▶ key is pressed within 25 seconds, the interrupted message is re-started. Wait more than 25 seconds and the whole process s cancelled and the Handset returns to stand-by mode

```
 B
MESSAGE:01  31/05
          >  Pause
```

date display/older message

By pressing the ▶ key the current message being replayed is cancelled and you jump to the next message. At the end of every playback there is a short acknowledgement tone.
After the last message there are two acknowledgement tones and there is then the option to delete all played messages at once. To delete press the **OK key**. If you want to store the messages end the procedure with **STOP** or by pressing **ON/OFF key**

```
 B
DELETE ALL NEW
ok
```

Searching through all messages
(including old ones: LED flashes slowly)

Alternatively you have the option of choosing from the playback menu. After reaching menu branch answering machine functions **VOICE**:

◀/▶ select **MESSAGE**

OK   press **OK Key**
          All stored messages are played back
          in order. You have the same options to
          repeat, interrupt or cancel as with
          playing new messages (see above)

          After the last message, the text
          MESSAGE END appears in the dis-
          play and there are two acknowledge-
          ment tones.

```
   B
MESSAGE END
ok
```

☏   Finish listening to messages by pres-
          sing **ON/OFF key**

5.6   Recording telephone calls

You can record all or part of a telephone conversation and store in the
Answering Machine. This recording is treated in the same way as an ordi-
nary message and can be played back or deleted in the same way

OK   To start recording during the conversa-
          tion press **OK Key**

```
   B
12345
Start Rec.
```

OK/**☏**   To end re-press **OK Key** or finish the
              call. The recording is treated as a nor-
              mal message.

```
   B
12345
Stop Rec.
```

5.7   Deleting messages

You have the option to delete either all messages at once, excluding those
which have not yet been picked up, or to delete individual messages.

After reaching the menu item Answering Machine functions **VOICE**:

◄/**►**   select **DELETE MESSAGE**

OK   press **OK Key**

          you are now given the option to
          delete all messages at once. Out of
          safety this is limited to played back
OK   messages only. To accept press **OK**
          Key

```
   B
DELETE ALL   3
ok          >
```

or   Alternatively you can select individual
messages for deletion by pressing
the ▶ key. The first message is then
played back: to delete this message
press **OK Key**

```
 B

DELETE:01    12:45
ok        >  Pause
```

Interrupt the actual message by
pressing **STOP Key**
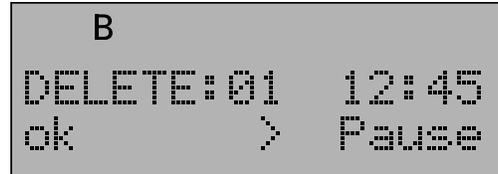
If the ▶ key is pressed within 25 seconds, the interrupted message is re-
started. Wait more than 25 seconds and the whole process is cancelled
and the Handset returns to stand-by mode

By pressing the ▶ key the current message being replayed is cancelled
and you jump to the next message. At the end of every playback there is a
short acknowledgement tone.
After the last message, the text **MESSAGE END** appears in the display
and there are two acknowledgement tones. With the ▶ key you begin
once more to play back messages not yet deleted. The number of the
message is stored. By pressing the **OK key** you can leave the menu item
DEL MESSAGE. End the playback of messages by pressing the
ON/OFF key.

The numbering of messages is changed by leaving the menu item
DEL MESSAGE; resulting gaps caused by deleting individual messages
are now filled.

There are a number of special features which must be first installed at the Answering Machine via the Handset. After reaching menu section answering machine functions **VOICE** (see 5.2) choose the menu item **VOICE SET UP** for these special installations.

5.8 Listening to incoming messages

Through programming you can decide to listen to messages via the integral speaker in the base-set. By switching on this facility you have the option of deciding whether or not to take an incoming call after identifying the caller. To speak to the caller simply switch on the Handset. To switch on the listening facility select the menu item **VOICE SET UP** in the **VOICE** menu (see 5.2). Confirm by pressing the **OK key** and by using the ◀/▶ keys select the menu item **MONITOR=ON** or **MONITOR=OFF.** By pressing the **OK key** the appropriate mode will become active. The actual mode/status is shown in the display. End the installation by pressing the **ON/OFF key** or select another menu item.

5.9 Start position of the Answering Machine

By programming the number of rings you can decide when the Answering Machine answers the call. The options range from 1 to 4. By choosing 5 will result in the Answering Machine switching on after the second ring if there are new messages present, otherwise after the 5th ring (see 5.14 Free-phone remote query).
To install the number of rings select the menu item **VOICE SET UP** in **VOICE**. Confirm with the **OK key** and select menu item **PICK UP NO**. After confirming with the **OK key** you can select the number of required rings by keying in digits 1-5 on the keypad. Confirm your selection with the **OK key** . End the installation with the **ON/OFF key** or select another menu item.

5.10 Setting the Time and Date

In order to organise incoming messages more efficiently on your Answering Machine your telephone has a simple clock. Incoming messages are recorded at the relevant time and shown on the display. Messages received before today are displayed with the day and month of entry. In order to use this feature you need to set the time and date in your Answering Machine.

Select the menu item **VOICE SET UP** in **VOICE** menu (see 5.2)

OK   press **OK Key**

```
┌─────────────────────────┐
│     B                   │
│ SET TIME      12:45     │
│ ok                  <>  │
└─────────────────────────┘
```

◀/▶   select **SET TIME**
(the actual installed time is displayed)

```
┌─────────────────────────┐
│      B                  │
│ TIME:  00:00            │
│ ok        x--y       <  │
└─────────────────────────┘
```
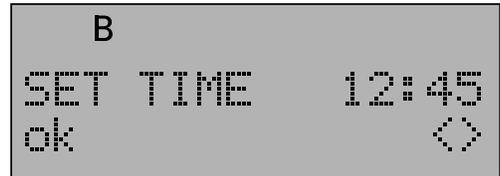
OK   press **OK Key**

⌨   Enter the actual time via the key pad. The format is hh:mm

OK   You have the option to make corrections with the ◀ key. End the input with the **OK key**

◀/▶   select **SET DATE**
(the actual date is displayed)

```
┌─────────────────────────┐
│      B                  │
│ SET DATE      02/05     │
│ ok                  <>  │
└─────────────────────────┘
```
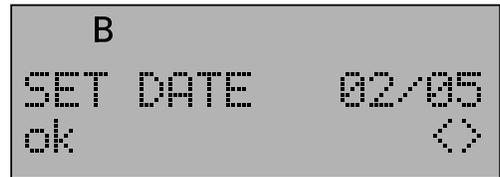
OK   press **OK Key**

⌨   now enter the month (with leading 0)

```
┌─────────────────────────┐
│      B                  │
│ MONTH:  01              │
│ ok        x--y       <  │
└─────────────────────────┘
```
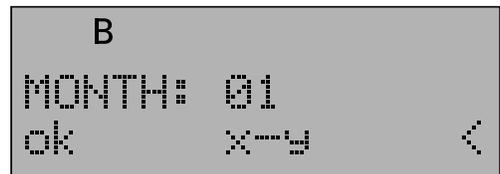
OK   press **OK Key**

⌨   now enter the day (with leading 0)

```
┌─────────────────────────┐
│      B                  │
│ DAY:  01                │
│ ok        x--y       <  │
└─────────────────────────┘
```
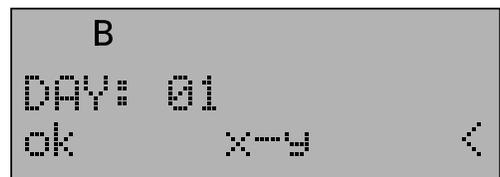
OK   press **OK Key**

☎   Complete the installation by pressing the **ON/OFF key** or select another menu item

Comment: The time and date must be reset after a power failure, after which the following default values are entered: TIME: 00:00, MONTH: 01, DAY:01

5.11 Automatic time update (CLIP)

If you have the CLIP facility switched on, the phone is prepared for auto-
matical time update via the telephone network (feature of the used net-
work). In this way every external call will compare the time in your tele-
phone with the actual time on the network and update it if necessary.

Select **VOICE SET UP** in **VOICE** menu:
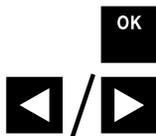
press **OK Key**

select menu item
    TIME ACTU.=OFF or
    TIME ACTU.=ON

press **OK Key**

press **OK Key**

Automatic time update is switched on/off.

5.12 Remote Operation and Remote Query

It is possible to enable certain functions within the Answering Machine remotely whilst you are out. In order to use this facility you require a telephone installed with DTMF(dual tone multi-frequency or Touch Tone dialling) or a DTMF transmitter. Access to the control of the Answering Machine is via the PIN protecting the base-set (default value 0000). If remote access is approved, but the Answering Machine is switched off (no LED), the caller will hear a multiple tone after approx. 60 seconds. After this request access to the remote query/interrogation can follow. Use the following procedure to set up remote access.

Select **VOICE SET UP** in the **VOICE** menu

OK   press **OK Key**

◄/►   select menu item
           REMOTE=OFF or
           REMOTE=ON

```
       B

REMOTE=ON
Off                  <>
```

OK   By pressing the **OK Key** the relevant mode will switch between on/off. The display text shows the actual current mode.

```
       B

REMOTE=OFF
On                   <>
```

☎   Complete the installation with the **ON/OFF key** or select another menu item

5.13 Using remote operation /remote query

Dial telephone number
With the Answering Machine switched off there is a multiple tone sequence for approx 1 minute. If the Answering Machine is switched on the greeting will start after the pre-programmed number of rings

0   During the greeting or after the multiple tone sequence enter the digit 0. After hearing 3 signal tones:-

enter the PIN assigned to the base set and Answering Machine.
Two signal tones are heard on successfully entering the PIN. A maximum of 2 attempts is allowed, after which the connection with the HomeHandy Pìco *voice* base-set is terminated.

After successfully entering the PIN any new messages are then played back (enter 0 at any time to interrupt). The following features are now available by entering the appropriate number (always confirmed by an acknowledgement tone:

9 switch off the Answering Machine
-ok: positive acknowledgement tone (1x longer tone)

1 activate Answering Machine (Greeting Text 1)
-ok: greeting 1 + pos. acknowledgement tone/not ok: neg. acknowledgement tone (4x short tones)

2 activate Answering Machine (Greeting Text 2)
-ok: greeting 2 + pos. acknowledgement tone/not ok: neg. acknowledgement tone

3 leave your own message
(wait for the request tone/end with 0)
-when ready: request tone/ok: pos. acknowledgement tone/not ok neg. acknowledgement tone

4 listen to messages/playback from beginning
-no message: neg. acknowledgement tone/after every message: pos. acknowledgement tone/after last message: 2x pos. acknowledgement tone

5 Delete all messages
-no message: neg. acknowledgement tone/after successful deletion pos. acknowledgement tone

6 Re-record Greeting Text 1
(await request tone/end with 0*)
-when ready: request tone/ok pos. acknowledgement tone + playback of the new greeting/not ok: neg. acknowledgement tone

7 Re-record Greeting Text 2
(await request tone/end with 0*)
-when ready: request tone/ok pos. acknowledgement tone + playback of the new greeting/not ok: neg. acknowledgement tone

*The recording will stop after a silence of at least 8 seconds. Greeting texts are played back once more to verify

0 To quit the current function
To quit remote operation and remote query

Note: Skipping messages is not possible
Deleting individual messages is not possible

5.14 Free-phone remote query

You have the option of making remote query free of charge. In this way you can determine whether or not there are any new messages. If there are no messages you do not need to access and you do not incur any charges for the call. To activate this feature you must select 5 in the menu item **PICK UP NO**. (see 5.9).Your Answering Machine will now take messages after 2 rings providing there are messages already recorded. If there are no new messages then connection is only made after the 5th ring. You therefore have time to hang up before the call is chargeable and still obtain the information that no new messages are present.

6.1 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 if off or vice versa.

M press **menu key**

OK press **OK Key**

◄/► select **SET UP**

OK press **OK Key**

```
      B
BEEP=ON
Off              <>
```

◄/► select **BEEP=ON** or **BEEP=OFF**

OK press **OK Key**

OK press **OK Key**

M Press **menu key** to select other menu items

6.2 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 2

M press **menu key**

OK press **OK Key**

```
      B
VOLUME=05
ok               <>
```

◄/► select **VOLUME/MELODY**

OK press **OK Key**

```
      B
MELODY=01
ok               <>
```

◄/► select **VOLUME or MELODY**

OK 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
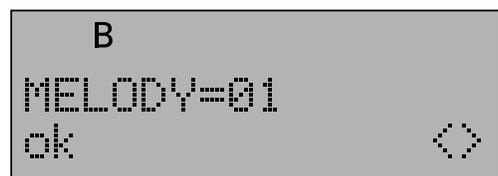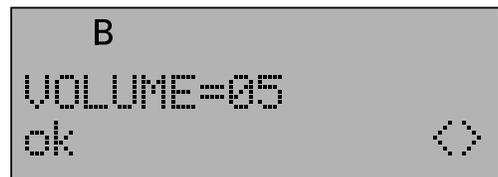
OK   press **OK Key**

M   press **menu key**

6.3   Setting the base-set ringing type

The HomeHandy Pìco *voice* base-set has a built in ringing type. This can be adjusted for volume and melody. There are 7 volume levels (1-6: 0= off) and 5 melodies.

Assuming the Handset is on stand-by near the base-set:

M   press **menu key**

OK   press **OK Key**

◄/►   select **SYSTEM**

OK   press **OK Key**

◄/►   select **VOLUME/MELODY**

OK   press **OK Key**

◄/►   select **VOLUME** or **MELODY**

OK   press **OK Key**

◄/►   use **cursor keys** to set required level

OK   press**OK Key** once more to store the setting

6.4   Increasing 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

[M]   press **menu key**

[#]   press **hash key**

```
    B                    ⌒
VOLUME HIGH!
```
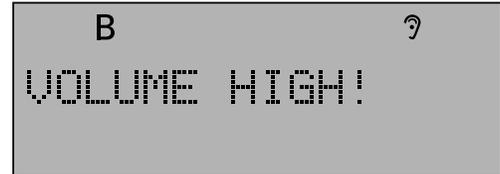
6.5   Switch handset volume back to standard

[M]   press **menu key**

[#]   press **hash key**

```
    B
VOLUME STANDARD!
```

6.6   Setting the dialling mode and dialling pauses

See 8.1

7.1   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).

M press **menu key**

5 press **number 5**

```
          B
BASE   A   KE1 KE2
RSSI: 95   ----  ----
```

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 indicated by two dashes (--) Quit this function by pressing the **menu key**

7.2   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.

M press **menu key**

OK confirm with the **OK Key**

◄/► select **SET UP**

OK press **OK Key**

◄/► select **NEW BASE**

```
NEW BASE
ok              <>
```

OK press **OK Key**

◄/► select required base-set
(i.e. A,B…)

```
BASE A
ok              <>
```

or

Select **AUTO**

OK press **OK Key**
Select another menu item or quit
menu with menu key

7.3   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.

To begin logging on

M   press **menu key**

OK press **OK Key**

◀/▶ select **SET UP**

OK press **OK Key**

◀/▶ select **NEW BASE**

OK press **OK Key**

◀/▶ select required base (i.e.A,B,..)
DO NOT SELECT AUTO

```
         B
BASE A
ok                    <>
```

OK press **OK Key**

◀/▶ select **LOG IN**

```
LOG IN
ok                    <>
```

OK press **OK Key**

```
PIN?
ok                    <>
```
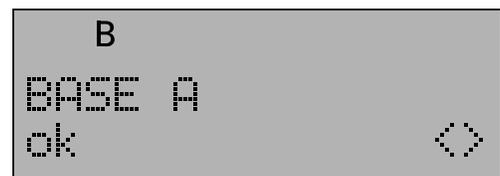
⊞   enter PIN (delivered default value
0000)

Essential preparation at the base-set

Remove the plug socket from the mains for a short period of time. After plugging in again, the base-set is ready for a period of 30 seconds to carry out the assigning process.

Continue to log in the Handset

| OK | only now press **OK Key**: the process of logging-in can take several seconds | LOG IN! |

| ⌨ | enter one of the available numbers displayed to assign as the Handset's internal telephone number | B
-2345678 |

| OK | end the log-in procedure with the **OK key** . |

7.4   Assigning additional Handsets (multilink)

Up to 8 Handsets can be assigned to a single base-set. External calls can be made from all the Handsets: incoming calls are only signalled at the first 4 Handsets.

Logging-in a new Handset is the same procedure as for the first (see 7.3)

If handsets from other manufacturers are logged in please refer to their operating instructions

7.5   To log-off a Handset (multilink)

All Handsets logged on to a base can be logged-off: Handsets cannot log-off by themselves.

Assuming Handset is on stand-by:

| M | press **menu key** |

| OK | press **OK Key** |

◄ / ►   select **SYSTEM**

OK   press **OK Key**

◄ / ►   select **LOG OUT**

OK   press **OK Key**

⌗⌗⌗   enter actual PIN: displays assigned
               Handsets

⌗⌗⌗   enter internal number of the Handset
               to log-out.

OK   M   press **OK Key** and **menu key**

7.6   Holding/transferring calls to another Handset (multilink)

During an internal or external call

INT   press **INT key**

⌗⌗⌗   enter number of required Handset

Cancel hold

INT   press **INT or R key**

                   Or

Transfer call

☎   press **ON/OFF key**

Hinweise   An incoming external call during an internal connection is signalled to the
                users by a call-waiting tone. The internal callers must end their conversa-
                tion (**ON/OFF key**) to receive the call and wait for the ringing. After rin-
                ging the external call can be accepted with the **ON/OFF key**. It is not
                possible to hold for another external call.

8.1   PABX (private automatic branch exchange)

According to requirements, the dialling mode, the flash-time of the R signal key and the dialling pause can be installed. See also the overview of menu items. PULSE mode, or the faster pre-installed DTMF can be used.

Assuming the Handset is on stand-by:-

M press the **Menu key**

OK press **OK Key**

◄/► select **SYSTEM**

OK press **OK Key**

◄/► select **MODE**

OK press **OK Key**

◄/► select the required setting

OK press **OK Key**
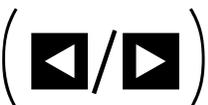
(◄/►) select further settings

  or

M end the process by pressing the **menu key**
The Handset returns to stand-by mode

8.2   Extending a call / consultation hold within PABX

R **▦** **During a call**
Press the **signal key**, dial the number of the required extension

☎ **To transfer**
After you have contacted the other extension, announce the call and press
ON/OFF key: the call is now transferred.

R **To end on-hold**
Press the **signal key** and you are re-connected to the first caller.

9.1   General Information

Because the Pìco System includes a GAP capable device, mobile units from other manufacturers (assuming they are also GAP compatible) can be used at the base-set. Providing the mobile has an alpha-numeric display, it can navigate within the system menu (with limited functionality). If, on the other hand, the mobile has a numeric display but a **INT key** and you are allowed access to the service menu, it is still possible to install system features at the Pìco base-set (i.e. switching over the dialling mode)

• Dial into the system menu with the mobile (see operator guide from relevant manufacturer)
• On the mobile's display you will see either # # or "-" (depending on the kind of display).

You can now select from the following features:

change the base-set PIN	*97	enter actual PIN enter 2x new PIN
set dialling mode	*20	PULSE or
	*22	DTMF-flashkey 88 ms or
	*23	DTMF-flashkey 270 ms and enter actual PIN
log-off Handset	*40	enter actual PIN enter internal Handset number
set dialling pause	*24	dialling pause (approx 3 sec) after the 1st digit or
	*25	delete dialling pause and enter actual PIN

The procedure is ended by pressing the **INT key** at any time and by hanging up .

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

new messages on the Answering Machine

Trouble Shooting

● **no functionality** ➠ battery low ➠ change battery. Check that the batteries are correctly fitted especially ensuring the contacts are free from dust, etc. (see1.4)
➠ assign the Handset to the base-set (see 7.2 and 7.3)

● **no battery status display** ➠ battery has been changed (display only appears on reaching 60% capacity ➠ change battery (see 1.3)

● **no outgoing calls possible** ➠ incorrect dialling mode installed (see 8.1)

● **no dialling tone** ➠ cable not correctly inserted (i.e. telephone and power cables mixed up (se1.2)

● **signal key doesn't work properly** ➠ signal key has no function in current installation

● **no dialling possible in DTMF** ➠ extension or local exchange does not support DTMF (See 8.1)

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 for the portable part

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

CTR 6 (97/523/EG) (Edition II)

CTR 10 (97/524/EG) (Edition II)

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 (03/93)

CE and BABT certificates for the fixed part

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

British Standard PD 6568 / 92

British Standard PD 6569 - Part 1 / 92

British Standard PD 6569 - Section 3.1 / 92

NET 4 [ETS 300 001 - 08/92]

CTR 6 (97/523/EG) [Edition II]

CTR 10 (97/524/EG) [Edition II]

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 (03/93)

Safety information

This product may be used legally only in a country where the appropriate authority has given its specific authorisation. This authorisation appears on the BABT-label at the back of the base station.

Power requirements

This product requires an electrical supply of 230 volt / 50Hz, alternating monophased current, excluding (IT) installations defined in the standard EN 60950.

Warning!
The electrical network is classified as excessive according to criteria in the standard EN 41003.

The only way to power down this product is by unplugging the power cable from the electrical outlet. Make sure the electrical outlet is located close to the apparatus and is always easily accessible.

It is recommended that this telephone be used as a complement to another telephone which does not require mains power.

Telephone connection:

The voltage on this network is classified as TNV (Telecommunication Network Voltage) and the voltages presented on the RJ11-connection (Western-plug) are classified TNV (Telecommunication Network Voltage) and SELV (Safety Extra Low Voltage), as defined in the standard EN 41003

Safety precautions:
Do not allow the handset to come into contact with water. Do not open handset or the base station. This could expose you to high voltages. Contact our after-sales service for all repairs.
• Do not allow the charging contacts or the battery to come into contact with conductive materials such as keys, paper clips, rings, bracelets, etc. Use your Battery Backup Power Supply Unit only according the „**Instructions for Use**"

Instructions for use of Battery Backup Power Supply Unit

a) The HomeHandy Pico is suitable for connection to the PSTN (public switched telephone network) circuits in the U.K. or P.A.B.X.

b) The HomeHandy Pico has a ringer equivalence number (REN) of 1. That is you can connect the HomeHandy Pico simultaneously to the line with all

the apparatus you have connected before, provided that you have paid attention to the rule that the sum of all RENs may not exceed four. Otherwise it is not guaranteed that all apparatus will ring correctly.

c) You can use the HomeHandy Pìco on PSTN lines with loop-disconnect or multi-frequency dialling.

d) A call cannot be made with the HomeHandy Pìco during a mains failure because the power supply to the base station is then interrupted.

In case of mains failure all functions of the HomeHandy Pìco will be preserved for a minimum of 7 hours if the battery backup is installed. During the 7 hour period you have the possibility of communication for at least 1 hour.

General
- Replace the batteries after a mains failure has occured
- Replace the batteries once a year
- Use 6 AA cells with 1,5 Ah
- Do not use rechargeable batteries

Installation of battery backup
- Place the batteries in the battery holder, paying attention to the polarity
- Plug the power supply into the battery backup
- Connect the base station
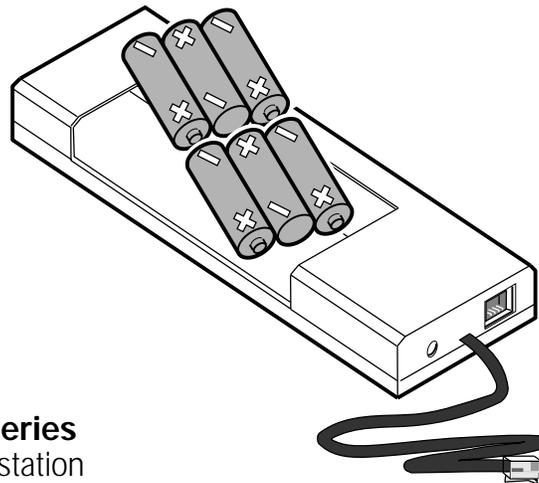
Replacement of batteries
- Disconnect the base station
- Unplug the power supply
- see installation of battery backup

Note: For best availability of BT emergency (999) service it is recommended that you connect the HomeHandy Pìco together with another telephone (that needs no external power source to provide the simple telephone functions) to the telephone network.

If the battery backup is not installed to your phone a call cannot be made with the HomeHandy Pìco *voice* during a power failure as the power supply to the base station is then interrupted.

Making a call is only possible if the batteries in the mobilpart are loaded.

Overview of menu items – Handy

M

```
MENU
ok                    <>
```

OK

```
SYSTEM
ok                    <>
```

(only in range of the
assigned base-set)

OK

◄/►

```
NAME/NO.
ok                    <>
```

```
VOLUME/MELODY
ok                    <>
```

```
TEL.-LOCK ON/OFF
ok                    <>
```

```
SET UP
ok                    <>
```

```
BEEP=ON
OFF                   <>
```

```
NEW BASE
ok                    <>
```

```
LOG IN
ok                    <>
```
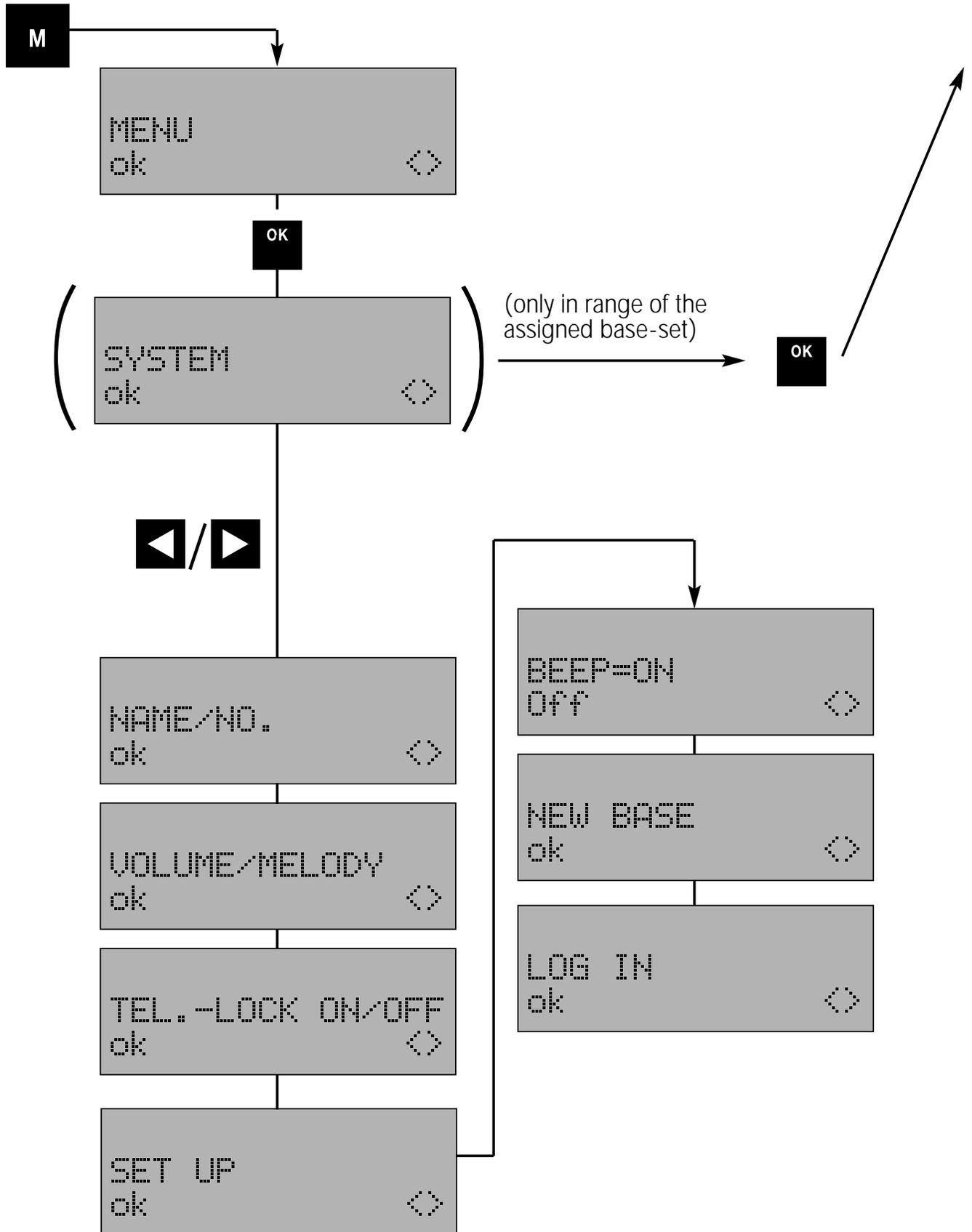
Overview of menu items – Base-set

```
VOICE
ok            <>
```

Answering Machine menu:
For detail see the next double
page

(only with
installed CLIP
facility,
see.4.19)

```
CALLER LIST
ok            <>
```

```
CHOOSE  NUMBER
ok            <>
```

```
DELETE  NUMBER
ok            <>
```

◀ / ▶

```
DELETE  LIST
ok            <>
```

```
MODE
ok            <>
```

```
PULSE
ok            <>
```

```
PROG. PIN
ok            <>
```

```
DTMF/SHORT FLASH
ok            <>
```

```
VOLUME/MELODY
ok            <>
```

```
PUBLIC
ok      <>
```

```
PABX
ok      <>
```

```
LOG OUT
ok            <>
```

```
PAUSE=ON
Off           <>
```

```
CLIP=ON
Off           <>
```

**Main menu:
Voice**

The number of un-read messages appears on the Handset display when in stand-by mode via the message **NEW MESSAGES**. The envelope symbol ⊠ also appears.
The LED at the base-set flashes red.

```
  B        ⊠
NEW MESSAGES
play          100%
```

Ch. 5.5

```
  B        ⊠
MESSAGE
ok           <>
```
ok →
```
  B        ⊠
MESSAGE:1    23/03
     >      pause
```
stop

By pressing **>** skips to the next message. The messages are automaticalle played back in sequence and separated by an acoustic signal.

Ch. 5.5

tut ↓ > or automatically
```
  B        ⊠
MESSAGE:2    08:59
     >      pause
```
stop

The STOP key interrupt the playback of the current message (the whole procedure is cancelled after 30 seconds)
The **>** key rewinds the interrupted message to play back from the beginning

tut ↓ > or automatically
```
  B        ⊠
MESSAGE:3    12:45
     >      pause
```
stop

<>

tut tut ↓ > or automatically
```
  B
MESSAGE END
ok
```

```
  B
MESSAGE:nn   12:45
      >
```

```
  B
DEL MESSAGE
ok           <>
```
ok →
```
  B
DELETE ALL 02
ok            >
```
ok →

All read messages are deleted.
Unread messages remain stored.

Ch. 5.7

>
```
  B
DELETE:1     23/03
ok    >     pause
```
ok

Confirm via the OK key that the message is to be permanently deleted.

stop

tut ↓ > or automatically
ok
```
  B
DELETE:2     08:59
ok    >     pause
```
stop

The STOP key interrupts the playback of the current message (the whole procedure is cancelled after 30 seconds).
The **>** key rewinds the interrupted message to play back from the beginning.

<>

>
tut ↓ > or automatically
ok
```
  B
DELETE:3     12:45
ok    >     pause
```
stop

tut tut ↓ > or automatically
```
  B
DEL. MESS. END
ok            >
```

```
  B
DELETE:nn    12:45
      >
```

```
      B
VOICE ON/OFF
ok              <>
```
→ ok →
```
      B
TEXT 1
ok              <>
```
→ ok →

Activate Answering Machine with Greeting Text 1:
Messages recorded
LED flashes red.

On activating
the Answering
Machine are
relevant
Greeting Text
is given.

Ch. 5.4

```
      B
TEXT 2
ok              <>
```
→ ok →

Activate Answering Machine with Greeting Text 2:
No messages are recorded
LED flashs green.

```
      B
VOICEBOX  = ON
off             <>
```

Switch off
Answering Machine
```
      B
VOICEBOX  = OFF
ok              <>
```

```
      B
INPUT TEXT
ok              <>
```
→ ok →
```
      B
INPUT TEXT 1
ok              <>
```
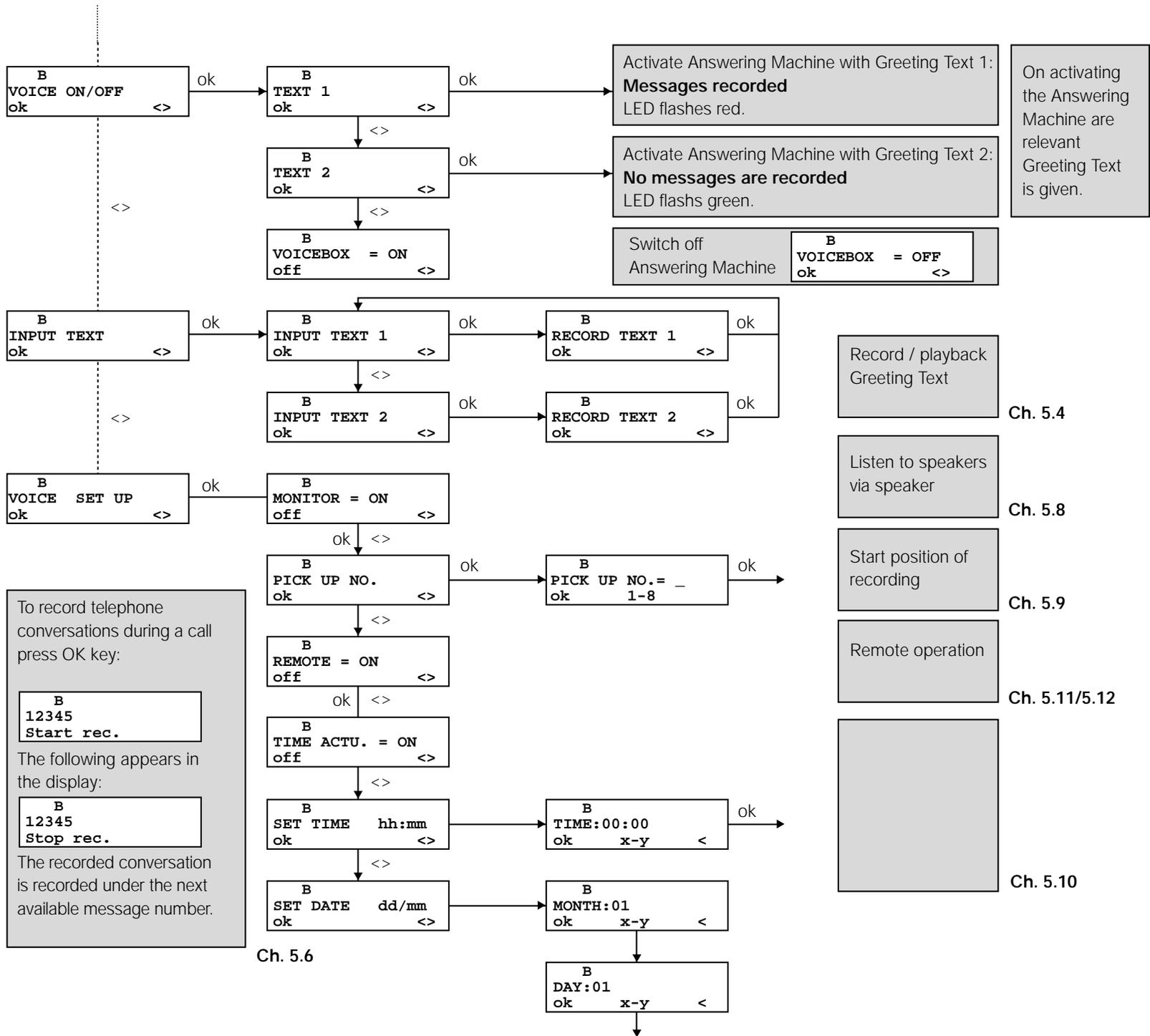→ ok →
```
      B
RECORD TEXT 1
ok              <>
```
→ ok →

Record / playback
Greeting Text

Ch. 5.4

```
      B
INPUT TEXT 2
ok              <>
```
→ ok →
```
      B
RECORD TEXT 2
ok              <>
```

Listen to speakers
via speaker

Ch. 5.8

```
      B
VOICE  SET UP
ok              <>
```
→ ok →
```
      B
MONITOR = ON
off             <>
```

Start position of
recording

Ch. 5.9

```
      B
PICK UP NO.
ok              <>
```
→ ok →
```
      B
PICK UP NO.= _
ok        1-8
```
→ ok →

Remote operation

Ch. 5.11/5.12

To record telephone
conversations during a call
press OK key:

```
      B
12345
Start rec.
```

The following appears in
the display:

```
      B
12345
Stop rec.
```

The recorded conversation
is recorded under the next
available message number.

```
      B
REMOTE = ON
off             <>
```

```
      B
TIME ACTU. = ON
off             <>
```

```
      B
SET TIME   hh:mm
ok              <>
```
→
```
      B
TIME:00:00
ok     x-y     <
```
→ ok →

```
      B
SET DATE   dd/mm
ok              <>
```
→
```
      B
MONTH:01
ok     x-y     <
```

Ch. 5.10

Ch. 5.6

```
      B
DAY:01
ok     x-y     <
```

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.

Technical Data

Standard	DECT GAP
CLIP:	In accordance with BT-standard SIN 242 and SIN 227 plus CCA-standard
Transmission/reception frequency:	1880 -1900 MHz
Range	up to 300m In buildings up to 50m
Power supply	base-set 230 V~/ 50Hz, 11VA (plug power supply)
Operating time with fully charged batteries, 2 x 700 mAh	Standby : up to 40 hours (typ) talktime: up to 4 hours (typ)
Recommended conditions	+15°C - + 35°C / 20% -75% rel. Humidity
Dialling mode	PULSE/DTMF Flash key, 90 ms
Dimensions: base-set Handset	W x H x D = 86 x 50 x 178 mm W x H x D = 53 x 150 x 24 -28 mm (depends on the battery cover used)
Weight: base-set Handset	300g 160g
Length of connecting cable	power cable base-set 3 m Telephone connection cable 3 m
Connection plugs: telephone lead: Power cable:	national connector, at the device = Western connector power supply = european connector, at the device Western connector
Storage Temperature	0° C - + 55° C

Short Remote Operation Manual

„hagenuk

HomeHandy Pico *voice*

Remote Operation / Remote Query

• Dial number

• Quit announcement by „0"

• Enter PIN

Functions:

9 Switching off answering m.

1 Activating text 1

2 Activating text 2

3 Recording messages *

4 Playing messages

5 Deleting messages

6 Recording text 1 *
(waiting for signal)

7 Recording text 2 *
(waiting for signal)

0 Stop remote query

* Ending with „0"

06/98

Notes

Cut, fold, stick together backsides, put into a check card bag - so you always have your Remote Operation Manual for use, when you need it.

Service

Subject to changes