

Cordless Phone 260

DT200 Handset BS260 Base Station

DECT/GAP Digital

User's Guide

WITH DIGITAL ANSWERING MACHINE



What to read first

This user's guide consists of several sections and topics which can be read individually. You will find each section and topic listed in the table of contents. In addition, the "Index" at the back of this guide shows where to find help on each topic. If you are already familiar with this type of product, the "Quick start" section helps you get the phone up and running quickly. However, for basic use of the phone, you should read the "Getting started" section and "Using the menus" on page 19 in particular. Other parts can be read when needed.

About this user's quide

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Cordless phone features

- · Built-in digital answering machine
- Calling line identification
- Full duplex handsfree calling
- Phone book for 100 names and numbers
- · Advanced calling costs management
- · Baby phone integrated
- Expandable from 1 to 8 handsets

HANDSET



BASE STATION



HANDSET DISPLAY ICONS AND INDICATORS

	On	Flashing	Flashing quickly
Signal strength	Visible when con- nected to a base station		V
Ring off	Ring signal muted or microphone off		
Key	Keys locked		
Hook	Handset off hook	Connection being made	Handset is ringing
Message	Answering machine on	Messages on the answering machine	New message received by the answering machine or by the voice mailbox
Call Info	New unanswered entry in the who called list		
Battery	Battery status (4 blocks is fully charged)	Battery casing flashes; battery almost empty	Blocks flash successively; battery is being charged (steady blocks indicate the battery level)
Warning light	Baby phone call interrupted	Warning (battery low/no connection)	Incoming call Message waiting

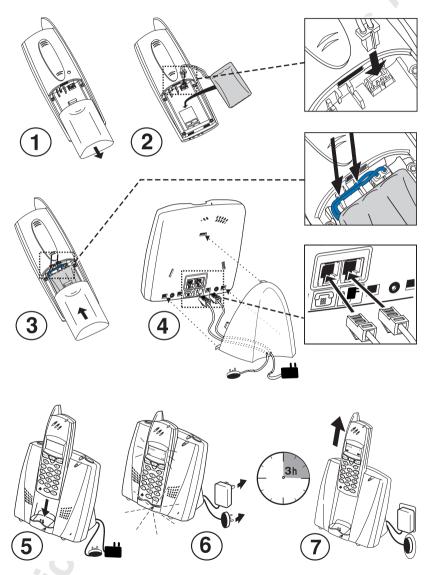
BASE STATIONS INDICATORS

	On	Flashing	Flashing quickly
Green top light	Answering machine on	Messages on the answering machine	New message received by the answering machine
Red top light	External line occupied	Incoming external call	No external line connection
Green bottom light	Handset battery is being charged		

For further details, please see section "Reference" on page 107 of the user's guide.

QUICK START

This page helps you to get the cordless phone up and running quickly. For a more detailed installation procedure, see "Preparing for use" on page 9. You should read the "Getting started" section afterwards.



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Handset quick reference (inside back cover)

Getting started

WHAT IS IN THE BOX

Make sure that all the parts are in the box. If anything is missing, please contact your dealer.

The box should contain:

- 1. Base station
- 2. Desk stand for the base station
- 3. Wall mounter for the base station
- 4. Screws and plugs for the wall mounter
- 5. Handset
- 6. Battery
- 7. Clip
- 8. Power adaptor with cable
- **9.** Telephone line cable
- 10. User's guide
- 11. Warranty card

PREPARING FOR USE

To install the set, follow the steps below. The cordless phone will then be ready for use.

Warnings *Make sure the local mains voltage corresponds to the voltage on the power adaptor.*

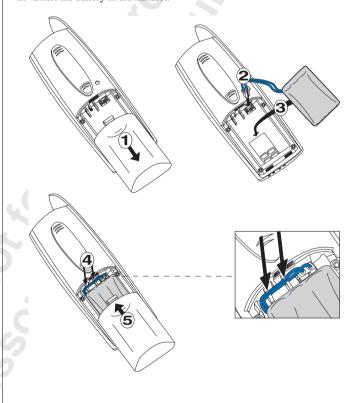
Only use the power adaptor that comes with the set.

When installing the cordless phone, it is important that you closely follow the procedure below:

1. Attach the clip to the handset.

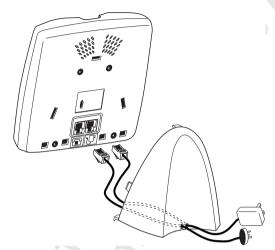


2. Insert the battery in the handset.





- 3. Find a suitable location for the base station. To make the best use of its operating range, put your base station in a central position. You can place it on a table using the desk stand or mount it on the wall using the wall
- 4. If you place the base station on a wall, screw the wall mounter to the wall.



5. Connect the telephone line to the telephone socket in the base station.



Telephone socket identifier

- **6.** Connect the telephone line to the analogue telephone wall socket.
- 7. Connect the power cord to the power plug socket in the base station.



Power plug socket identifier

- 8. Connect the desk stand to the base station or connect the base station to the wall mounter. Put the lower hooks in first.
 - For the desk stand, route the cables through the slots at the back.
- **9.** Put the handset into the base station as shown in the picture. The handset
- must be off. 10. Put the power adaptor plug into the wall socket.
- If you see a red, flashing light on the top of the base station, there is a fault with the telephone line connection.
 - After a few minutes the handset will subscribe itself to the base station and turn on automatically.
- 11. Leave the handset in the base station for at least 3 hours to charge the battery for the first time.





If the handset does not turn on automatically, remove the power adapter plug from the wall socket and repeat from step 9. If that does not help, please refer to "Subscribing handsets" on page 91.

When the battery is charged, the handset is ready for use. For more information about charging the battery, please refer to "Battery" below.

Important

It is important to make a note of the IPEI code. You may need it to reset the handset's PIN code. Please refer to "Showing the IPEI code" on page 77 for further details.

Note We also recommend that you change the pin code of the base station directly after installing the cordless phone. See "Changing the base station PIN code" on page 76 for more information. See also "Overview PIN and other codes" on page 78 for the PIN code of the handset and of the base station.

Operating range

You can use your handset in the area that is covered by the base station. Outside this area, you lose contact with the base station and the signal strength indicator on the display disappears. The warning light flashes and you hear short, fast, warning beeps.

To make best use of the operating range, place your base station in a central position.

BATTERY

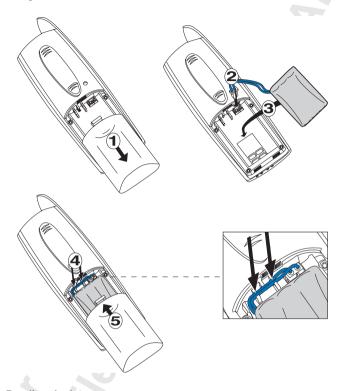
The handset is powered by a rechargeable battery. You can fully charge a flat battery by placing the handset in the base station for 3 hours. A fully charged battery gives you up to 15 hours of calling time or up to 100 hours of standby time. The handset has a battery meter, which indicates you how much power is left in the battery.

Note The handset is powered by a Nickel Metal Hydride (NiMH) battery. It can be recharged at any time. To keep the battery fully charged, you can put or leave the handset in the base station without any problem.

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Placing the battery

Place the battery as shown below. Make sure that the battery wires are put through the notches as shown.



Reading the battery meter

When the battery is fully charged, the battery meter on the handset display consists of four blocks. The number of blocks decreases as the battery discharges. If the battery is almost flat, the battery meter and the red light on the handset flash. An alarm sounds if there is less than 15 minutes' calling time left in the battery.



Charging the battery

Place the handset in the base station as shown in the picture below.



If the lower green light on the base station is on (and the battery meter on the display flashes), the battery is being charged. As soon as the battery is fully charged, the lower green light is turned off and the battery meter on the handset stops flashing.

If the battery is completely flat it can take a few minutes before the lower green light on the base station comes on.

Changing the battery

Rechargeable batteries have a limited lifespan. Under normal conditions, the handset battery will last for at least a year.

If the standby time for the handset becomes too low, you should replace the battery. Please contact your dealer for more information.

Warning Only use batteries as specified in "Technical specifications" on page 116.

The battery does not contain cadmium and is therefore more environmentallyfriendly than other rechargeable batteries. However, all batteries should be treated as chemical waste.

SWITCHING THE HANDSET ON AND OFF

While the handset is switched on, it is in standby mode. In standby mode, the handset is ready to make or receive calls but consumes less energy. With a fully charged battery, the handset can operate for about 100 hours in standby mode. If you are not using the handset to make or receive calls, you can put the handset in the base station to keep it fully charged.

Switching the handset on

Before you can use the handset you must switch it on:

Press NO for at least one second to switch the handset on.
 The standby display appears. The number on the right-hand side is the internal number of the handset on the base station.

After switching on, information is displayed. For more details see "Information on display" on page 18.

Switching the handset off

If you do not want to make or receive calls, you can switch the handset off.

To switch the handset off:

• Press and hold **NO** until the display turns blank.

You cannot turn the handset off during a call.

If the handset is off and you receive an external call, the ring signal on the base station still works. Press **NO** for one second to switch on the handset, then **YES** to receive the call

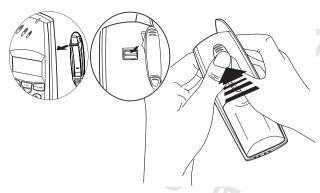
ATTACHING AND REMOVING THE CLIP

The handset has a clip which you can use to attach the handset to your clothes.

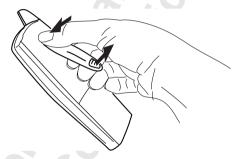
Attach the clip to the handset. Do not press on the display!
 Your handset is now ready for use.

To minimize wear and tear, we recommend that you do not remove the clip from the handset too often. See also the drawings below.





Attaching the clip



Removing the clip

A BRIEF GUIDE

After installing the cordless phone you can now make and receive calls. For initial use, it is assumed that you are near the base station and that the signal strength indicator is visible.

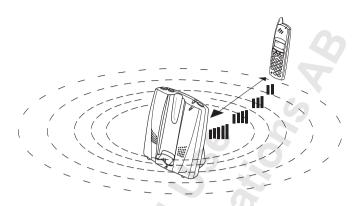
Using the base station

The base station covers an area in which the handset can make and receive calls via a radio connection. To establish a radio connection, your handset requires a subscription to the base station. The name of the base station is displayed on the handset.

If your handset is connected to a base station, this is shown by the signal strength indicator. If the indicator is visible, you can make and receive telephone calls.







No Network

1

If the indicator is not visible, then the handset is not connected to a base station. This may mean:

- You are out of range.
 Check that the base station is on and that you are within range.
- There is no access to the base station.
 The handset is not able to connect or its access rights may have changed.
 Set the handset to automatic base station selection and if that does not
- There is no subscription to the base station.
 Subscribe the handset to the base station.

Please refer to section "Using base stations" on page 99 for further information.

Switching on

Before you can use the handset you must switch it on:

help, subscribe the handset to the base station again.

Press **NO** for at least one second to switch the handset on.

The standby display appears. The number on the right-hand side is the internal number of the handset on the base station.

Making a first call

Check that the set is installed correctly by dialling a person you know.

To make a call:

- 1. Press YES and you can hear the dial tone.
 - A red light appears on the top of the base station.
- Dial the number you want to call using the number keys.You hear the ringing tone.
- Wait for an answer and, on completing your call, ask the person to call you back.



0:00:06 0201482571 4. Press NO to end the call.

The duration of the call is displayed. If available, the costs of the call are also displayed.

For more information about displaying call costs, see "Call tariff" on page 85.

If you dial a number but can still hear the dial tone, you probably have to set the base station to another dialling method. See "Pulse or tone dialling" on page 94 for more details.

Receiving a call

If someone calls you, the handset and the base station ring.

To receive a call:

- 1. Press YES to answer the call.
- 2. Have a conversation.
- Press NO to end the call.The duration of the call is displayed. If available, the costs of the call are also displayed.

Switching off

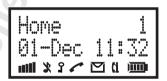
If you do not want to make or receive calls you can switch the handset off.

To switch the handset off:

 Press and hold NO until the display turns blank. The ring signal on the base station continues to work even if you switch off the handset.

INFORMATION ON DISPLAY

After switching on the handset, the display may show several icons and other information.



Signal strength

A signal strength indicator is shown on the left-hand side of the display when the handset is connected to a base station. It is a measure of reception quality. Five vertical bars means good reception quality and no bars means no connection. In areas where the reception quality is poor, you risk losing calls.

Base station name

The name of the currently-connected base station is displayed when the handset is on standby. The default base station name is **Home** but you can set the



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Home 1

ExternalCall
Anna

0:12:53 Anna

Home 1 01-Dec 11:32

>PhoneBook Handset base station name yourself. This is described in "Editing base station name" on page 103.

Extension number

Your internal number is shown on the right-hand side of the display when the handset is on standby. The internal number may not be shown when the handset is connected to another type of base station.

Call information

When the handset rings, the type of call and, if available, the caller's name or number, is displayed. The name is displayed if the number of the caller is in your phone book.

Call costs or duration

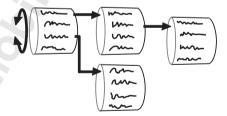
During a call, the handset displays the duration of the call. The display also shows call costs at the end of the call, if a call tariff and metering pulses are available. For more details, see "Call tariff" on page 85.

Time and date

The handset displays the current date and time when it is on standby. The time and date are provided to the handset by the base station if set. See "Time and date" on page 60 for more details.

USING THE MENUS

The handset can be operated via menus. For instance, you can enter the main menu option PhoneBook by pressing either the UP or the DOWN key. Press the UP or DOWN key again to scroll through other options. Press YES to confirm an option. Some options take you into a new menu. Press NO to return to the previous menu.



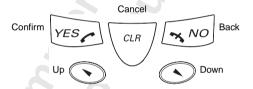
When scrolling through the menu you can return to the standby display or previous menu by pressing **NO** once or repeatedly, at any time.

If you do not press any key for a minute, the handset automatically reverts to the standby display.

Note The handset makes use of "dynamic" menus, which means that some menu options are only visible where applicable.

The topics that follow (setting the menu language and the time and date) show you how the menus work. For setting the menu language, every step of the procedure is given in detail. For all other procedures (including setting the time and date), it is assumed that you know your way around the menus. This guide only tells you where to enter a PIN code and what menu item to select for a specific function. To help you locate the menu items that are not in the main menu, a path through the menus is given at the beginning of each procedure. These paths are indicated by the word "Route:" followed by menu items you have to select in sequence in order to get to a specific function. In most cases, the next menu item is not immediately visible so you have to use the UP or DOWN key to locate it. See also "Menu structure" on page 114 for an overview.

Navigation keys



Cancel

You can cancel any operation:

Press CLR shortly.
 The handset returns to standby.

CHANGING THE MENU LANGUAGE

Handset menus

The default menu language is English. To select another language, use the Language option. Please note that the menu options stay in English until you confirm your language choice.

To change the handset language:

Route: Handset » Language

- Press UP or DOWN to enter the main menu. Option PhoneBook is displayed.
- 2. Scroll to Handset and press YES.
- Scroll to Language and press YES. The current language is displayed.
- 4. Scroll through the list of languages until you find the language you want.
- Press YES to confirm your choice.The language has now been changed.

Base station menus

The base station menus form a part of the handset menus. They are normally in the same language as the handset menus. If the handset language is not available, the base station chooses English by default. To select another default language, use the Language option in the base station menus. Please note that the menu options stay in English until you confirm your language choice.

To change the base station's default language:

Route: BaseStation » Settings » Basic » Language

- 1. Press **UP** or **DOWN** to enter the main menu. Option **PhoneBook** is displayed.
- 2. Scroll to BaseStation and press YES.
- 3. Scroll to Settings and press YES.
- Scroll to Basic and press YES.PIN: is displayed.
- 5. Enter the PIN code for the base station (see page 78) and press YES.
- Scroll to Language and press YES. The current language is displayed.
- 7. Scroll through the list of languages until the desired language is selected.
- 8. Press YES to confirm your choice.The base station language has now been changed.

SETTING THE TIME AND DATE

The base station contains a built-in clock for the time and date. The handset shows this time and date on the standby display when the time and date have been set.

Please note that the procedure assumes that you are going to select the Basic option. After you have entered your PIN code, you have to go to the SetTime option via the Time&Date menu.

To set the time:

Route: BaseStation » Settings » Basic » Time&Date » SetTime

1. Select Basic and press YES.

PIN: is displayed.

- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select SetTime and press YES.The current time is displayed in hours, minutes and seconds.
- **4.** Enter the time (**UP** = move left; **DOWN** = move right).
- 5. Press YES to confirm

The base station time has now been set.

Other handsets connected to the base station automatically show the new time.

To set the date:

Route: BaseStation » Settings » Basic » Time&Date » SetDate

- 1. Select Basic and press YES.
 - PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select SetDate and press YES.

The current date is displayed in years, months and days.

- **4.** Enter the date (**UP** = move left; **DOWN** = move right).
- 5. Press YES to confirm.

The base station date has now been set.

Other handsets connected to the base station automatically show the new date.

Time: 02:12:45



Telephoning

MAKING A CALL

When you make a call, you can enter the number and then press YES. This is called pre-dialling and allows you to check and, if necessary, correct the number.

To pre-dial:

- Enter the number.
 The number is displayed.
- Correct the number if necessary (CLR = delete; UP = move left; DOWN = move right).
- 3. When the number is correct, press YES and wait for an answer.
- Press NO to end the call.
 The duration of the call is displayed. If available, the costs of the call are also displayed.

Tip While editing a telephone number, you can "jump" to the most left or the most right digit by respectively pressing **UP** or **DOWN** for one second.

You can enter a dial tone pause in the telephone number by pressing * for one second.

Dialling while off hook

To make a call in the usual way:

- 1. Press YES and wait for the dial tone.
- 2. Dial the number and wait for a connection.
- Press NO to end the call.The duration of the call is displayed. If available, the costs of the call are also displayed.

CALL USING THE PHONE BOOK

Your handset contains a phone book for storing names and numbers. You can conveniently make calls using this phone book. To add names and numbers to the phone book, see section "Phone book" on page 35.







Calling by name

The call by name option lets you search for a name and number in the phone book.

To call by name:

Route: PhoneBook » Find&Call

Select Find&Call and press YES.

Enter Name: or Phone book is empty is displayed. To add names and numbers to the phone book, see "Adding name and number" on page 36.

- 2. Press the key which has the first letter of the name you are searching for. Press once for the first letter of the key, twice for the second and three times for the third letter of the key. To narrow down the search, you can also enter the next letter(s) of the name.
- Correct the name if necessary (CLR = delete; UP = move left; DOWN = move right).
- **4.** Press **YES** to confirm.

The first name in the phone book beginning with the entered letter(s) or, if it does not exist, a name beginning with the next letter is displayed.

- 5. Scroll until you find the right name.
- 6. Press YES to dial the number.

If you press CLR instead of YES, you can edit the number before dialling.

Tip While editing a name you can "jump" to the most left or the most right letter by respectively pressing **UP** or **DOWN** for one second. You can clear the whole name by pressing **CLR** for one second.

Quick call by name

You can also search for a number by name in your phone book without using the menus.

To use quick call by name:

 Press the key which has the first letter of the name, and hold down the key until the display shows the first name in the phone book beginning with the letter on the key you have just pressed. For the second letter of the key, press the key again, without holding it down. For the third letter, press the key twice.

The display shows the first name in the phone book beginning with the chosen letter or, if it does not exist, only the letters you entered. In the latter case, the last and incorrect letter flashes. You can enter another letter to correct it. If the phone book is empty, see "Adding name and number" on page 36 for more information.

- 2. You can now enter more letters as in step 1, or scroll until you find the right name.
- 3. Press YES to dial the number.

If you press CLR instead of YES, you can edit the number before dialling.



Example:

Suppose you want to call someone whose name is 'Jones'. Press number key 5 and hold until the first name in the phone book beginning with 'J' appears. Press number key 6 three times for the 'O'. The first name in the phone book beginning with 'Jo' appears. You can now continue by pressing number key 6 twice for the 'N' and so on or scroll until you find the name 'Jones'. Press YES to dial the number.

REDIALLING

The last ten numbers you dialled are available for redial.

To redial the last number dialled:

 Press and hold YES and wait until the last dialled number or name appears.

The handset beeps if there are no names or numbers available for redial. If available, the time or date of the called number is also displayed. Only today's calls show the time. If the number appears in the phone book, the name is shown instead

Press YES for the second time.The handset dials the number again.

To dial one of the ten last dialled numbers:

 Press and hold YES and wait until the last dialled number or name appears.

The handset beeps if there are no names or numbers available for redial. If available, the time or date of the called number is also displayed. Only today's calls show the time. If the number appears in the phone book, the name is shown instead.

- 2. Scroll until you have the right number or name.
- 3. Press YES to dial the selected number.

If you press CLR instead of YES, you can edit the number before dialling.

You can also access the last dialled number memory via the Information menu option LastDialled. It is only available if names or numbers are available for redial.

When you switch off your handset, the last dialled numbers are erased. You can permanently store the last dialled numbers in your phone book. See "Adding last dialled numbers" on page 36.



Check
Who Called ?

1! 05-Mar Sabrina

1 A 05-Mar Sabrina

RETURNING A CALL

When you receive a call in some telephone networks, the number (or name) of the caller is displayed. In that case the number is stored in the who called memory. The call info icon shows you if there are new unanswered calls. By using the call return function, you can easily return a call to these numbers. The who called memory holds up to ten numbers.

When there are new unanswered calls, the handset displays Check Who Called? If you do not want to return a call at this stage, press NO.

To return a call now:

1. Press YES

A list of numbers appears. If available, the time or date of the caller's number is also displayed. Only today's calls show the time. If the number appears in the phone book, the name is shown instead.

New entries are marked with an exclamation mark. Calls that have been answered with this handset are marked with the letter A.

- 2. Scroll until you have the right number or name.
- **3.** Press **YES** to dial the selected number.

The number is removed from the who called memory and stored in the last dialled memory.

You can also access the who called memory via the **Information** menu option **WhoCalled**. You have this option only if names or numbers are available for returning a call.

To return one of the last ten calls:

Route: Information » WhoCalled

1. Select WhoCalled and press YES.

A list of numbers appears. If available, the time or date of the caller's number is also displayed. Only today's calls show the time. If the number appears in the phone book, the name is shown instead.

New entries are marked with an exclamation mark. Calls that have been answered with this handset are marked with the letter A.

- 2. Scroll until you have the right number or name.
- **3.** Press **YES** to dial the selected number.

The number is removed from the who called memory and stored in the last dialled memory.

If you press CLR instead of YES, you can edit the number before dialling.

When you switch off your handset, the who called list is erased. You can permanently store the who called numbers in the phone book. See "Adding caller's number" on page 37.

ExternalCall
Anna

ExternalCall 0742918021

ExternalCall Anna

ExternalCall
Anna

RECEIVING A CALL

When the handset rings:

- 1. Press YES to answer the call.
- 2. To end the call, press NO.

The duration of the call is displayed. If available, the costs of the call are also displayed.

On an incoming call, the caller's extension number may be displayed if available. If the caller's number is included in your handset phone book, the corresponding name is displayed instead.

Sometimes the handset rings at an inconvenient moment. If you do not want to answer the call, press NO. You can press YES if you still want to answer the call.

Caller identification

Some telephone networks provide calling line identification. This means that in the case of an incoming call the caller's extension number is displayed.

Ask your dealer if your telephone network provides calling line identification.

TURNING OFF THE MICROPHONE

During a call you may want to talk to someone else, without the caller hearing. You can do this by switching off the microphone using the CLR key.

You can switch the microphone off by:

- Pressing CLR until you are ready to talk to the caller again.
 Short beeps and the ring off icon indicate that the microphone is off.
 Or
- Pressing CLR quickly.

Short beeps and the ring off icon indicate that the microphone is off. To switch the microphone on, press CLR again.

TURNING OFF THE RINGER AND WARNING SOUND

If your handset rings or a warning sounds at an inconvenient moment, you can turn off the sound

To turn off the ring sound temporarily:

Press **CLR** quickly.

The ring off icon appears.

Even with the sound off, you can still answer the call. The warning light and hook icon keep flashing.

Home 1 01-Dec 11:32

To turn off the ring or the warning sound permanently:

Press CLR for one second.
 The ring off icon appears.

If a warning sounds and you press CLR for one second only the sound is turned off. The warning light continues to flash.

You can also turn off the ringer permanently by adjusting the ring volume to its lowest level. See "Ring volume" on page 56.

To turn the ring or the warning sound on again:

Press CLR for one second.
 The ring off icon disappears.

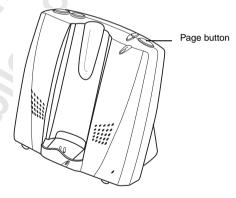
PAGING A HANDSET FROM THE BASE STATION

The base station has a search function with which you can page the handsets connected to it.

Press the PAGE button on the base station, and the handset rings.

Page Call appears in the handset display. Press YES and NO, or the PAGE button on the base station once, to stop the ringing.

You can also use the base station as an intercom. For more details, please refer to "Intercom" on page 83.



Page Call

Advanced telephoning

WHEN USING MORE THAN ONE HANDSET

If you use more than one handset with the base station, here are a few special hints

Internal or external call?

When you receive a call, there is a different ring signal for internal and external calls:

- An internal ring signal has a two-second signal followed by a four-second pause.
- An external ring signal is the same as usual.

During an internal call, the number of the caller's handset is displayed.

You can set the tune of the ring signal for internal and external calls yourself. This makes it easier for you to recognize the ring signal of your own handset. For more information, please read "Ringer tones or melodies" on page 56.

Call back

The base station calls you back when you transfer an external call to another handset without waiting for an answer but the third party does not respond within 30 seconds.

You can select different ring signals when being called back by the base station. For more information, please read "Ringer tones or melodies" on page 56.

MAKING AND RECEIVING AN INTERNAL CALL

To make an internal call, you use the INT key on the handset. If you receive an internal call, the number of the caller appears in the left-hand side of the display. If the caller's number is included in your handset phone book, the corresponding name appears instead.



To make an internal call:

- 1. Press INT and wait for the dial tone.
- 2. Dial the internal telephone number and wait for a connection.
- 3. Have a conversation
- Press NO to end the call.The duration of the call is displayed.

To receive an internal call:

- 1. Press YES to answer the call.
- 2. Have a conversation
- Press NO to end the call.The duration of the call is displayed.

Each handset or device has a unique extension number on the base station by which it can be contacted. See the table below for an overview.

Device	Extension number					
Base station handsfree	0					
Handset 1 - 8	1 - 8					
Answering machine	9					
All handsets	*					

RECEIVING A SECOND CALL

If you are engaged on an internal call to another handset and an external call comes in, you are notified by two short beeps in your earpiece at regular intervals. You can either finish the current call or put the current call on hold to answer the external call. If you do not answer the external call, another handset or the answering machine can take the call.

To finish the current call and answer the external call:

- 1. To end the current call, press NO.
- 2. Press YES to answer the external call.

To put the current call on hold and answer the external call:

- 1. Press R to answer the external call.
- 2. You now have three options:
 - Continue the internal call using INT.
 - Transfer the external caller using NO.
 - Continue the call as a three-party call by pressing 3.

In a three-party call, the external call is connected to two handsets and you can have a conversation with two people at the same time. See also "Call waiting notification" on page 62.



InternalCall

ш

SEARCHING FOR HANDSETS OR PEOPLE

The cordless phone has a function which you can use to search for handsets and any handset user on the same base station. You can call all other handsets by using your handset.

To use the search function:

Press the * key and press INT.

All handsets connected to the base station as well as the base station itself ring.

2. Wait for an answer.

You are connected to the first person that answers the call.

If you receive a search call from another handset on the same base station, Page Call appears. Press YES to answer the call. You only are connected if you are the first to answer.

You can also answer a search call with the base station by pressing the **PAGE** button. The base station then operates as an intercom. For more details, please refer to "Intercom" on page 83.

CONSULTING WITH ANOTHER HANDSET OR TRANSFERRING A CALL

The cordless phone allows you to consult with a third party. You can put the caller on hold and call another number. You can then talk without the caller hearing you. Then you can continue or transfer the original call.

You have an external call and want to consult with a person using another handset on the base station:

1. Press INT to put the external call on hold.

You hear the dial tone.

2. Dial the internal number of the handset you want.

If the handset is not available or engaged, you hear the engaged tone. You can return to the external call by pressing INT again. If the handset is free, you hear it ring.

- 3. You now have three options:
 - Continue the external call using INT.
 - Transfer the external caller using NO.
 - Continue the call as a three-party call by pressing 3.

In a three-party call, a caller is connected to two handsets.

The base station calls you back when you transfer an external call to another handset without waiting for an answer, but the third party does not respond within 30 seconds.





MAKING A THREE-PARTY CALL

In a three-party call, a caller is connected to two handsets on the base station. The three-party call is sometimes also known as a conference call.

You have an external call and you wish to involve a third person with a handset on the base station:

- Press INT to put the external call on hold.
 You hear the dial tone.
- Dial the internal number of the handset you want. If the handset is not available or engaged, you hear the engaged tone. You can return to the external call by pressing INT again. If the handset is free, you hear it ring.
- 3. Wait for a connection.
- **4.** Press **3** to connect the three parties in the conversation.

SETTING THE HANDSET TO TONE DIALLING

If your handset is set to pulse dialling, you can switch to tone dialling if required. For example: to control a teleservice such as voice mail.

To switch the handset to tone dialling during a call:

Route: DialMode » GoToDTMF

Select GoToDTMF and press YES.
 The handset now uses tone dialling.

When you hang up, the handset goes back to pulse dialling.

To select either tone or pulse dialling permanently, please refer to "Pulse or tone dialling" on page 94.

SETTING THE HANDSET TO LONG TONES

The tones transmitted by the handset may be too short for some interactive information services. If you have problems, you can temporarily change the length of the tones.

If the handset is set to long tones, the tones are transmitted for the same length of time as you keep the keys pressed down.

To switch the handset to long tones during a call:

Route: DialMode » DTMF-Long

Select DTMF-Long and press YES.

The handset switches to long tones for the duration of the call.

To switch the handset back to short tones during a call:

Route: DialMode » DTMF-Short

Select DTMF-Short and press YES.

The handset switches to short tones again.

SENDING A DIAL TONE PAUSE

If you are dialling while the handset is off hook, you can use menu option SendPause to allow the handset to wait for the dial tone.

To insert a dial tone pause while dialling off hook:

Route: DialMode » SendPause

Select SendPause and press YES.

A '-' is displayed and the handset waits for the dial tone.

Note When you enter a phone number before dialling, you have to press * for one second to insert a dial tone pause.

Phone book

PHONE BOOK USE

Your handset contains a phone book for 100 names and numbers. You can get to the phone book via the PhoneBook menu option.

The phone book lists all the names and numbers in alphabetical order. You can freely add names and numbers to the phone book.

Entering names

Use the number keys to enter names in the phone book.

Press a key once for the first letter of the key, press it twice for the second letter, three times for the third letter and so on. To enter the letters with a diaeresis or accent or to enter a digit, press the same key a few more times.

For example: to insert Ä press number 2 five times; to insert È press number 3 four times and to enter a space, press number 1 once. See the table below for more details.

To insert lower case letters, press the letter first and then *. To revert to upper case letters again, press the letter and then *. To insert an asterisk (*) in a name, press # twice.

Key	Press	Press the corresponding key this many times for the character										
	1	2	3	4	5	6	7	8	9	10	11	12
1		•	?	!	,		:	"	,	()	1
2	Α	В	С	Å	Ä	Æ	À	Ç	2			
3	D	E	F	È	É	3						
4	G	Н	- 1	Ì	4							
5	J	K	L	5								
6	М	Ν	0	Ñ	Ö	Ø	Ò	6				
7	Р	Q	R	S	ß	7						
8	Т	U	V	Ü	Ù	8						
9	W	X	Υ	Z	9							
0	0	+	&	@	/	\$	%	£				
#	#	:4:										

ADDING NAME AND NUMBER

You can use the AddNew option to enter names and numbers in the phone book.

To add a new phone book entry:

Route: PhoneBook » Store » AddNew

1. Select AddNew and press YES.

Enter Name: or Phone book Full is displayed. In the latter case, you have to delete a phone book entry first before you can add a new one.

- Enter a name (CLR = delete; UP = move left; DOWN = move right; 1 = space; * = lower case).
- 3. Press YES to confirm.

EnterNumber: is displayed.

- Enter the telephone number (CLR = delete; UP = move left; DOWN = move right; press * for one second = dial tone pause).
- Press YES to confirm.The name and number are stored in the phone book.

Tip While editing the name or number, you can "jump" to the most left or the most right letter by respectively pressing **UP** or **DOWN** for one second. You can clear the whole name or number by pressing **CLR** for one second.

ADDING LAST DIALLED NUMBERS

The last ten numbers you have dialled remain stored in the memory of your handset until you turn it off. You can use the AddLastDial option to add these numbers to the phone book.

Menu option AddLastDial appears only if names or numbers are available for redial

To add a number you have dialled recently:

Route: PhoneBook » Store » AddLastDial

1. Select AddLastDial and press YES.

A list of numbers is displayed. If Phone book Full appears, you have to delete a phone book entry first before you can add a new one.

- Scroll through the list of last dialled numbers until you have the number you want to store.
- Press YES.

Enter Name: is displayed.

- Enter a name (CLR = delete; UP = move left; DOWN = move right; 1 = space; ** = lower case).
- 5. Press YES to confirm.

The number to be added is displayed.

- Edit the number if necessary (CLR = delete; UP = move left; DOWN = move right; press * for one second = dial tone pause).
- 7. Press YES to confirm.

The name and number are stored in the phone book.



Enter Name:

EnterNumber:

053405

m

III)

John

ADDING CALLER'S NUMBER

Your phone keeps a list of numbers of people who have called if calling line identification is provided. The last ten numbers of your callers remain stored in your handset memory until you turn it off. You can use the AddWhoCall option to add these numbers to the phone book.

Menu option AddWhoCall appears only if names or numbers are available for returning a call.

To add a caller's number to the phone book:

Route: PhoneBook » Store » AddWhoCall

- 1. Select AddWhoCall and press YES.
 - A list of numbers appears. If Phone book Full is displayed, you have to delete a phone book entry first before you can add a new one.
- Scroll through the list of who called numbers until you have the number you want to store.
- Press YES.
 - Enter Name: is displayed.
- Enter a name (CLR = delete; UP = move left; DOWN = move right; 1 = space; ** = lower case).
- 5. Press YES to confirm.
 - The number to be added is displayed.
- Edit the number if necessary (CLR = delete; UP = move left; DOWN = move right; press ** for one second = dial tone pause).
- 7. Press YES to confirm.

The name and number are stored in the phone book.

EDITING NAMES AND NUMBERS

With the Edit option, you can change the names and numbers in the phone book.

Editing names

You can correct a misspelled name or give a new name to an existing telephone number.

To edit a name:

Route: PhoneBook » Find&Edit » Edit

1. Select Edit and press YES.

Enter Name: or Phone book is empty is displayed. In the latter case, no names are available for editing.

- 2. Enter the first letter(s) of the name you are searching for.
- 3. Press YES.
- 4. Scroll until you find the name.
- Press YES.

The name to be edited is displayed.

- Correct the name with the number keys (CLR = delete; UP = move left;
 DOWN = move right; 1 = space; * = lower case).
- 7. Press YES twice to confirm.

Tip While editing the name, you can "jump" to the most left or the most right letter by respectively pressing **UP** or **DOWN** for one second. You can clear the whole name by pressing **CLR** for one second.

Editing telephone numbers

You can correct a telephone number or give another number to a name.

To edit a number:

Route: PhoneBook » Find&Edit » Edit

1. Select Edit and press YES.

Enter Name: or Phone book is empty appears. In the latter case, no numbers are available for editing.

- 2. Enter the first letter(s) of the name you are searching for.
- 3. Press YES.
- 4. Scroll until you find the name.
- 5. Press YES twice.

The number to be edited is displayed.

- 6. Correct the number with the number keys (CLR = delete; UP = move left; DOWN = move right; press * for one second = dial tone pause).
- 7. Press YES to confirm.

Tip While editing the number, you can "jump" to the most left or the most right digit by respectively pressing **UP** or **DOWN** for one second. You can clear the whole number by pressing **CLR** for one second.





DELETING NAMES AND NUMBERS

You can also delete names and associated numbers from the phone book.

To delete a name and number from the phone book:

Route: PhoneBook » Find&Edit » Delete

1. Select Delete and press YES.

Enter Name: or Phone book is empty appears. In the latter case, no phone book entries are available for deletion.

- 2. Enter the first letter(s) of the name you are searching for.
- 3. Press YES.
- 4. Scroll until you find the name.
- 5. Press YES to confirm.

The name and number are deleted from the phone book.

To delete all names and numbers from the phone book:

Route: PhoneBook » DeleteAll

1. Select DeleteAll and press YES.

Delete? or Phone book is empty appears. In the latter case, no phone book entries are available for deletion.

2. Press YES to confirm.

 $\mbox{\sc Deleting all}$ is displayed while all names and numbers are deleted from the phone book.



Answering machine

ANSWERING MACHINE USE

The base station has a built-in digital answering machine. People who cannot reach you on the phone can leave a message on the answering machine. If no one answers the phone, the base station connects the caller to the answering machine after a number of rings. The answering machine then plays an announcement inviting the caller to leave a message after the tone.

The answering machine can store 59 messages or has up to 15 minutes' total recording time, whichever is reached first. If no more messages can be recorded, the answering machine automatically selects the announce only announcement which asks the caller to try again later. To prevent this from happening, old messages should be deleted from time to time.

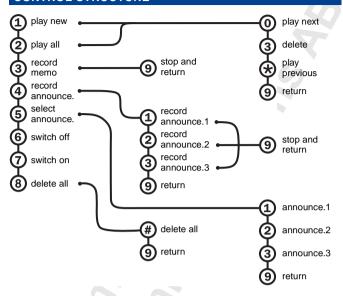
New messages on the answering machine can easily be played back by quickly pressing the **PLAY** button on the base station. Each message can be preceded by a time stamp, which tells you the day and time it was received.

The answering machine can also be controlled via the handset menus or by using a touch tone phone. With these methods, you can control almost any aspect of the answering machine. For instance, if you do not like the pre-recorded announcements, you can record your own.

For ease of use, a voice guide in the local language is included. The voice guide prompts you to press certain keys if several options exist. If you know which key to press by heart, you can bypass the voice guide. The voice guide is only available when calling in.

A guide to which keys to press during calling in is given in "Control structure" on the next page.

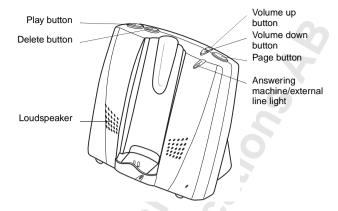
CONTROL STRUCTURE



The characters with circles round them show you which touch tone keys control the answering machine when you call in.

ANSWERING MACHINE ACCESS

The answering machine in your base station can be accessed by means of the base station buttons, the handset and remotely via the external line. Access via the base station buttons only allows you to play or to delete the recorded messages. The other two methods also allow you to control the answering machine. With the handset, you can access the answering machine either via the menus or just by calling in via an internal number. This is similar to remote access via the external line when you can call in and control the answering machine by using touch tones. Remote access via the external line, though, is protected by the base station PIN code.



Handset access via menus

You can access the answering machine in the base station with the handset using the appropriate menu options. You do not have to call in. While doing so, recorded messages are played through the handset's earpiece. They can be played through the base station loudspeaker as well.

The appropriate menu options are described below.

Calling in remotely

When you are not at home, you can still control the answering machine. For instance, you can switch it on or listen to the recorded messages. For these purposes, the answering machine in the base station can also be accessed via the external line. To do so, just dial your home telephone number when you are not at home. If the call is not answered by a handset, it is picked up by the answering machine.

Note If the answering machine is switched off and you want to switch it on, it will take a while before it answers.

To access the answering machine remotely via the external line:

- Dial your home telephone number using a touch tone phone and wait for a connection.
- 2. Enter * and wait for the dial tone.
- 3. Enter the base station PIN code.

 The answering machine is now in remote control mode. However, if you enter an incorrect PIN code the answering machine immediately hangs up.
- 4. Follow the instructions given by the voice guide.

 If you know the key strokes by heart, you can bypass the voice guide.
- 5. Finish the call when you are ready.

Calling in with a handset

Calling in with a handset is intended for other handset types. For the handset that comes with the set you can conveniently use the menus instead.

To access the answering machine by calling in:

- Start an internal call and dial 9.
 This is the internal number of the answering machine.
- 2. Wait for the voice prompt.
- Follow the instructions given by the voice guide.If you know the key strokes by heart, you can bypass the voice guide.
- 4. End the call.

You can also use the Voice: menu option to call in. This menu option is only available if new messages have been recorded on the answering machine.

To call via voice mail messages:

Route: Voice:

- Select Voice: and press YES.
 Mailbox 9 is displayed.
- 2. Press INT and wait for the voice prompt.
- Follow the instructions given by the voice guide.If you know the key strokes by heart, you can bypass the voice guide.
- Press NO to end the call.The duration of the call is displayed.

See also "Voice mail" on page 89.

PLAYING BACK NEW MESSAGES

Messages recorded on the answering machine in the base station can be played back remotely via the external line, through the base station loud-speaker and via the handset. This function enables you to play back only the newly-recorded messages which have not been listened to before. The green light on the top of the base station flashes quickly when a new message has been received. The message icon on the handset display does the same.

Playing back new messages via the base station

If there are new messages on the answering machine, the green light on the top of the base station flashes quickly. It flashes slowly when all messages have been played.

Home 1
01-Dec 11:32

To play all new messages:

- Press PLAY quickly to hear all new messages one by one through the loudspeaker. While playing messages you can press:
 - PLAY quickly to skip to the next message.
 - PLAY for two seconds to stop the playing of the messages.
 - **DELETE** quickly to delete the current message.

A short beep is sounded on completion.

· DELETE for two seconds to delete all messages.

A short beep is sounded on completion.

You can adjust the loudspeaker volume by pressing the **VOLUME UP** or **VOLUME DOWN** button on the base station.

Playing back new messages via handset menus

This menu option is only available if there are new messages on the answering machine.

To play back new messages:

Route: BaseStation » AnswerMach » PlayNew

1. Select PlayNew and press YES.

xx Messages in mailbox is displayed where xx is the total number of new messages recorded.

2. Wait a short while.

The day and time of the first new message is displayed.

The caller's number is displayed if it was provided during the recording of the message. If the caller's number is included in your handset phone

book, the corresponding name is displayed instead.

If required, use UP or DOWN to select the message you want to play. The selected message is displayed. It is played back after a short pause. If you press YES it is played immediately.

- Listen to the recorded message. If there is another message, it is played automatically. While listening you can press:
 - **VOLUME DOWN** to skip to the next message.
 - VOLUME UP to replay the current message.
 - VOLUME UP twice to replay the previous message.
 - # to delete the current message.
- 5. Press NO to stop.

See also "Deleting messages" on page 48.

Messages can be heard through the base station loudspeaker. Please refer to "Playing through the base station loudspeaker" on page 68 for more details.

Mon 09:45 0654661227 undl — ☑ — Ⅱ

Playing back new messages via calling in

To play back newly-recorded messages after calling in:

- 1. In the main menu, press 1 to hear the first new message.
- 2. While playing back the message:
 - Press **0** to play the next message.
 - Press * to play the previous message.
 - Press 3 to delete the current message.
 - Press 9 to return to the main menu.

PLAYING BACK ALL MESSAGES

Messages recorded on the answering machine in the base station can be played back remotely via the external line, through the base station loud-speaker and via the handset. The green light on the top of the base station flashes when there are messages. It flashes quickly when a new message has been received. The message icon on the handset display does the same.

Playing back all messages via the base station

If there are messages on the answering machine, the green light on the top of the base station flashes.

To play all messages:

- Press PLAY for two seconds to hear all messages one by one through the loudspeaker. While playing messages you can press:
 - PLAY quickly to skip to the next message.
 - PLAY for two seconds to stop the playing of the messages.
 - **DELETE** quickly to delete the current message.
 - A short beep is sounded on completion.
 - DELETE for two seconds to delete all messages.
 A short beep is sounded on completion.

You can adjust the loudspeaker volume by pressing the **VOLUME UP** or **VOLUME DOWN** button on the base station.

Playing back all messages via handset menus

This menu option is only available if there are messages on the answering machine.

Home 1 01-Dec 11:32 □ - □ - □

To play back all messages:

Route: BaseStation » AnswerMach » PlayAll

- 1. Select PlayAll and press YES.
 - xx Messages in mailbox is displayed where xx is the total number of messages recorded
- 2. Wait a short while.
 - The day and time of the first message is displayed.
 - The caller's number is displayed if it was provided during the recording of the message. If the caller's number is included in your handset phone book, the corresponding name is displayed instead.
- If required, use UP or DOWN to select the message you want to play. The selected message is displayed. It is played back after a short pause. If you press YES it is played immediately.
- Listen to the recorded message. If there is another message, it is played automatically. While listening you can press:
 - VOLUME DOWN to skip to the next message.
 - VOLUME UP to replay the current message.
 - **VOLUME UP** twice to replay the previous message.
 - # to delete the current message.
- 5. Press NO to stop.

See also "Deleting messages" on page 48.

Messages can be heard through the base station loudspeaker. Please refer to "Playing through the base station loudspeaker" on page 68 for more details.

Playing back all messages via calling in

To play back recorded messages after calling in:

- 1. In the main menu press 2 to hear the first message.
- 2. While playing back the message:
 - Press **0** to play the next message.
 - Press * to play the previous message.
 - Press 3 to delete the current message.
 - Press 9 to return to the main menu.



0654661227

09:45

Mon

DELETING MESSAGES

When there are recorded messages on the answering machine in the base station that you do not want to keep, you can delete them either one by one or all at the same time.

Deleting a message via the base station

To delete a recorded message:

- Press PLAY for two seconds to hear all messages one by one through the loudspeaker.
- 2. If necessary, press PLAY shortly to skip to the next message.
- Press DELETE shortly to delete the current message.A short beep is sounded on completion.
- 4. Repeat from step 2 if you want to delete another message.
- 5. Press PLAY for two seconds to stop the playing of the messages.

Deleting a message with a handset

This menu option is only available if there are messages on the answering machine.

To delete a recorded message:

Route: BaseStation » AnswerMach » PlayAll

- 1. Select PlayAll and press YES.
 - xx Messages in mailbox is displayed where xx is the total number of messages recorded.
- 2. Wait a short while.
 - The day and time of the first message is displayed.
 - The caller's number is displayed if it was provided during the recording of the message. If the caller's number is included in your handset phone book, the corresponding name is displayed instead.
- If required, use UP or DOWN to select the message you want to delete. The selected message is displayed. It is played back after a short pause. If you press YES it is played immediately.
- 4. Listen to the recorded message. If there is another message, it is played automatically. While listening you can press:
 - VOLUME DOWN to skip to the next message.
 - VOLUME UP to replay the current message.
 - **VOLUME UP** twice to replay the previous message.
 - # to delete the current message.
- 5. Repeat from step 3 if you want to select another message for deletion.
- 6. Press **NO** to quit.

Deleting a message via calling in

To delete a recorded message after calling in:

- 1. In the main menu, press 2 to hear the first message.
- If necessary press 0 or * to select the message you want to delete. The selected message is played.
- 3. Press 3 to delete.
- 4. Repeat from step 2 if you want to select another message for deletion.
- 5. Press 9 to return to the main menu.

Deleting all messages via the base station

To delete all recorded messages:

- Press PLAY for two seconds to hear all messages one by one through the loudspeaker.
- Press DELETE for two seconds to delete all messages. A short beep is sounded on completion.

Deleting all messages with a handset

This menu option is only available if there are messages on the answering machine.

To delete all recorded messages:

Route: BaseStation » AnswerMach » DeleteAll

- Select DeleteAll and press YES.
 Delete All Messages? is displayed.
- 2. Press YES to confirm.

While all recorded messages are being erased, Deleting all messages is displayed.

Deleting all messages via calling in

To delete all recorded messages after calling in:

- In the main menu, press 8 and then:
- Press # to delete all recorded messages.
 - All recorded messages are deleted.
- Press 9 to return to the main menu.

SWITCHING ON/OFF

The answering machine in the base station can be switched on and off. When it is switched on and no handset answers, callers can leave a message on the answering machine. The green light on the top of the base station tells you that it is on. The green light flashes when there are messages. It flashes quickly when a new message has been received. The message icon on the handset display does the same.

Switching on or off via the base station

To switch the answering machine on:

Press DELETE quickly.

The green top light comes on.

To switch the answering machine off:

 If the answering machine is not playing back messages, press DELETE for two seconds.

The green top light goes off.

Note If you press DELETE while messages are being played back, messages are deleted. See also "Deleting messages" on page 48.

Switching on or off with a handset

To switch the answering machine on or off:

Route: BaseStation » AnswerMach » SwitchOn/SwitchOff

- 1. Select either SwitchOn or SwitchOff. If the display shows:
 - SwitchOn, the answering machine will be turned on.
 - SwitchOff, the answering machine will be turned off.
- 2. Press YES to confirm

Switching on or off via calling in

The answering machine can also be switched on or off after calling in.

In the main menu:

- Press 6 to switch off.
- · Press 7 to switch on.

Note If the answering machine is switched off and you want to turn it on, it will take a while before it answers.

RECORDING A MEMO

While accessing the answering machine, you can also leave messages (memos) yourself for others at home.

If there is no more recording space, the following message is heard: "The answering machine is full." If you record a memo shorter than 2 seconds, it is not accepted by the answering machine.

To record a memo:

Route: BaseStation » AnswerMach » RecMemo

- 1. Select RecMemo and press YES.
 - Recording! <Yes> to End is displayed.
- 2. Speak your message clearly into the microphone.
- 3. Press YES to confirm.

Your message is recorded on the answering machine.

To record a memo after calling in:

- 1. Press **3** in the main menu.
- 2. Speak your message clearly into the microphone after the tone.
- Press 9 to stop and to return to the main menu. Your message is recorded on the answering machine.

RECORDING ANNOUNCEMENTS

The answering machine in the base station can respond to a caller in two ways. One allows the caller to record a message; the other only plays an announcement. In the first case, you can have two different messages; for instance, one for daily use and one for holidays. The second case is normally used when the answering machine is full, but you can also select it as your regular announcement. You can use the pre-recorded announcements or record your own.

You can make your announcements as long as you wish, but there will be less space for recorded messages.

If your recorded announcement is shorter than 2 seconds, the answering machine will go back to the pre-recorded announcement. You can cause this by stopping the recording within two seconds.

If there is no more recording space, the following message is heard: "The answering machine is full."

Announcements 1 and 2

The pre-recorded announcement is: "Hello, your call cannot be answered at the moment. Please leave a message after the tone."

To record your own announcement after which a caller may leave a message:

Route: BaseStation » AnswerMach » RecAnnounce

1. Select RecAnnounce and press YES.

Announc1 is displayed.

- 2. Press UP or DOWN to select one of the following options:
 - Announc1 means record announcement 1.
 - Announc2 means record announcement 2.
- 3. Press YES to confirm.

Recording! <Yes> to End is displayed.

- 4. Speak your announcement clearly into the microphone.
- 5. Press YES to confirm.

The announcement is recorded on the answering machine and played back.

To record your own announcement after calling in:

- 1. In the main menu, press 4 and then:
 - Press 1 to record announcement 1.
 - Press 2 to record announcement 2.
- 2. Speak your announcement clearly into the microphone after the tone.
- 3. Press 9 to stop and to return to the main menu.

The announcement is recorded on the answering machine and played back.

Announcement 3

The pre-recorded announcement is: "Hello, your call cannot be answered at the moment. Please try again later."

To record your own announcement without message recording:

Route: BaseStation » AnswerMach » RecAnnounce » Announc3

- 1. Select Announc3 and press YES.
 - Recording! < Yes> to End is displayed.
- 2. Speak your announcement clearly into the microphone.
- 3. Press YES to confirm.

The announcement is recorded on the answering machine and played back.

To record your own announcement after calling in:

- 1. Press 4 and then 3 in the main menu.
- 2. Speak the announcement clearly into the microphone after the tone.
- 3. Press 9 to stop and to return to the main menu.

The announcement is recorded on the answering machine and played back.

SELECTING AN ANNOUNCEMENT

The answering machine in the base station can respond to a caller with three different announcements. The first two announcements allow the caller to leave a message after the tone. You can select announcement 3 when you do not want messages to be left on the answering machine. pre-recorded announcement 1 is default. If no more messages can be recorded on the answering machine, announcement 3 is automatically selected.

To select an announcement:

Route: BaseStation » AnswerMach » Settings » SetAnnounce

- Select SetAnnounce and press YES.
 The current selection is displayed.
- 2. Press **UP** or **DOWN** to select one of the following options:
 - Announc1 means announcement 1.
 Messages can be recorded.
 - Announc2 means announcement 2.
 Messages can be recorded.
 - Announc3 means announce only.
 No messages can be recorded.
- 3. Press YES to confirm.

The selected announcement is played.

To select an announcement after calling in:

- Press 5 in the main menu and then press:
 - 1 for announcement 1.
 Messages can be recorded.
 - 2 for announcement 2.
 Messages can be recorded.
 - **3** for announce only.

 No messages can be recorded.

The selected announcement is played.

RECORDING TIME LEFT

The answering machine in the base station has a total recording time of approximately 15 minutes.

To see how much recording time is left for messages:

Route: BaseStation » AnswerMach » TimeLeft

- 1. Select TimeLeft and press YES.

 The recording time you have left is displayed.
- 2. Press YES to leave this menu option.

To use the recording time efficiently, you can set a maximum recording time per message. See "Maximum recording time" on page 69 for more details.

Personalizing the handset

LANGUAGE

You can change the language of the menus at any time. The default language is English.

To change the handset menu language:

Route: Handset » Language

- Select Language and press YES.
 The current language is displayed.
- 2. Scroll through the list of languages until the language you want is selected.
- Press YES to confirm your choice.The language has now been changed.

Setting changes that have been confirmed remain stored in the memory, even when you switch off the handset. Changes that have not been confirmed will be cancelled. If you receive a call when you are changing one of the settings, press **YES** to answer the call.

EARPIECE VOLUME

During a telephone call, you can use the **VOLUME UP** or **VOLUME DOWN** key to adjust the volume of the earpiece.

To adjust the volume during a call:

Press the VOLUME UP or VOLUME DOWN key once or more.

If you are not making a call you can still adjust the volume:

1. Press YES.

You hear the dial tone.

Keep listening and press the VOLUME UP or VOLUME DOWN key once or more.

You hear the dial tone becoming louder or quieter.

3. Press NO to cancel the dial tone.

If the earpiece is at maximum or minimum volume, you hear a warning tone.

RING VOLUME

You can adjust the ring volume of the handset.

To adjust the ring volume:

Route: Handset » Alerts » RingVolume

- 1. Select RingVolume and press YES.
 - A volume level bar is displayed.
- 2. Press the UP or DOWN key once, or more, to turn the volume up or down. You can now also use the VOLUME UP or VOLUME DOWN key to change the volume. Each time you press VOLUME UP or VOLUME DOWN, you hear the ring at the new volume. If you set the volume to its lowest level, the ring off icon appears.
- Press YES to confirm.The ring volume level has now been changed.

RINGER TONES OR MELODIES

You can change the ringer tone for each call type to a different sound or a preprogrammed melody. For each ring signal type, you can choose from four ringer tones or six melodies.

To set the sound for a ringing type:

Route: Handset » Alerts » RingType » Internal/External/CallBack/Message/Page

- Select the ring signal type: Internal, External, CallBack, Message or Page and press YES.
 - The current setting is displayed.
- Select sound Low, Medium, High, Mixed or Melody (1 6) using UP or DOWN.
 The selected sound is played. The menu options Low, Medium, High and Mixed refer to the pitch of the ringing tone.
- **3.** Press **YES** to confirm. The ringer tone or melody is set.

The table below lists the names of the melodies.

Melody	Name
1	Jumpy
2	Eine kleine Nachtmusik
3	Toccata
4	Elise
5	Samba
6	Blues Rhythm





DISCREET RINGING

In the discreet ringing mode, your handset starts ringing at the lowest audible volume level. It then gets louder and louder.

To set discreet ringing:

Route: Handset » Alerts » DiscreetRng

- Select DiscreetRng and press YES.
 The current setting is displayed.
- 2. Use the UP or DOWN key to select the setting you want.
- 3. Press YES to confirm.

You can also turn off the ringer, see "Ring volume" on page 56 for more information.

AUTOMATIC ANSWERING

With an audio accessory attached, you can set your handset to answer incoming calls automatically. This allows full, handsfree operation.

To enable or disable automatic answering:

Route: Handset » AutoAnswer

- 1. Select AutoAnswer and press YES. The current setting is displayed.
- 2. Use the **UP** or **DOWN** key to select the setting you want.
- 3. Press YES to confirm.

When a call comes in, you hear a one second beep in the audio accessory and the ringer sounds as well. After this beep, the handset goes off hook.

The handset's earpiece and microphone are automatically disabled when an audio accessory is attached.

KEY CLICK

Key click is the sound you hear each time you press a key. This feature can be enabled and disabled.

To set key click:

Route: Handset » Alerts » KeySound

- 1. Select **KeySound** and press **YES**.
 - The current setting is displayed.
- 2. Use the UP or DOWN key to select one of the following options:Click to have a key click with each key press.
 - Silent for no key click.
- 3. Press YES to confirm.

DISPLAY LIGHT

Your handset has an illuminated display which lights up when a key is pressed during an incoming call or when it is put in or out of the base station. The illumination automatically goes off after a while, unless you press a key.

To set the display light to automatic or off:

Route: Handset » Display » Light

- Select Light and press YES.
 The current setting is displayed.
- 2. Use the UP or DOWN key to select the setting you want.
- 3. Press YES to confirm.

DISPLAY CONTRAST

You can adjust the contrast of the display to one of eight levels to make it easier to read.

To change the display contrast:

Route: Handset » Display » Contrast

- Select Contrast and press YES.
 The contrast level bar appears.
- Adjust the contrast with UP and DOWN.You hear an error beep when either limit is reached.
- Press YES to confirm. The contrast level is set.

CLEARING ALL HANDSET SETTINGS

You can clear all settings on the handset simultaneously. The last dialled numbers, the who called memory and the last call information are also cleared. The phone book, the pin code, the subscriptions and the total calls informa-

All handset settings revert to default.

tion, however, are not cleared.

To reset all handset settings:

Route: Handset » MasterReset

- 1. Select MasterReset and press YES.
 - Enter Pin: or Reset All Settings? is displayed.
- If requested enter your PIN code for the handset (see page 78) and press YES.

Reset All Settings? is displayed.

3. Press YES to confirm.

All handset settings are cleared.



Personalizing the base station

CHANGING SETTINGS (PIN CODE)

If your handset is connected to the base station, you can change its settings by using this handset. You may have to enter the base station PIN code to change these settings. For the default base station PIN code, see page 78. To prevent others changing the settings of the base station, you should change this code. You can find out how to do this in "Changing the base station PIN code" on page 76.

When you must enter the PIN code, PIN: is displayed:

• Enter the base station PIN code using the number keys on the handset.

Connecting to other types of base stations

You can connect your handset to other types of base stations. Please refer to the appropriate documentation.

LANGUAGE

The base station menus form a part of the handset menus. They are normally in the same language as the handset menus. If the handset language is not available, the base station chooses English by default. To select another default language, use the Language option in the base station menus.

To change the base station's default language:

Route: BaseStation » Settings » Basic » Language

- 1. Select Basic and press YES.
 - PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select Language and press YES.The current language is displayed.
- Scroll through the list of languages until the language you want is selected.
- 5. Press YES to confirm your choice.

 The base station language has now been changed.

TIME AND DATE

The base station contains a built-in clock for the time and date. The handset shows this time and date on the standby display when the time and date have been set.

To set the time:

Route: BaseStation » Settings » Basic » Time&Date » SetTime

- Select Basic and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select SetTime and press YES.

The current time is displayed in hours, minutes and seconds.

- **4.** Enter the time (**UP** = move left; **DOWN** = move right).
- 5. Press YES to confirm.

The base station time has now been set.

Other handsets connected to the base station automatically show the new time.

To set the date:

Route: BaseStation » Settings » Basic » Time&Date » SetDate

- Select Basic and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select SetDate and press YES.

The current date is displayed in years, months and days.

- **4.** Enter the date (UP = move left; DOWN = move right).
- 5. Press YES to confirm.

The base station date has now been set.

Other handsets connected to the base station automatically show the new date.

RING VOLUME

The base station rings when an external call is received or when the built-in handsfree is called. You can adjust the ring volume.

Press the VOLUME UP or VOLUME DOWN button on the base station once, or more, to turn the volume up or down. Each time you press the VOLUME UP or VOLUME DOWN button, you hear the ring at the new volume.

You can still do this while the base station is ringing, but not when you are using the answering machine or the handsfree.

You can also adjust the ring volume of the base station with the handset using the base station volume menu option Ring.

To adjust the ring volume with the handset:

Route: BaseStation » Settings » Volume » Ring

1. Select Ring and press YES.

The current ring volume setting is displayed (0 is the quietest level and 6 is the loudest level.

- 2. Press the UP or DOWN key once, or more, to turn the volume up or down. You can now also use the VOLUME UP or VOLUME DOWN key on the handset to change the volume. Each time you press VOLUME UP or VOLUME DOWN, you hear the ring at the new volume.
- Press YES to confirm.The base station ring volume level has now been changed.

RINGING ORDER

When the base station receives an external call, all handsets ring. The base station is pre-set so that all handsets ring at the same time. However, you can also set the order in which the handsets ring.

Setting the ringing order

Using a handset, you can program the order in which the handsets ring.

To change the ringing order:

Route: BaseStation » Settings » Basic » RingOrder » Priority

- 1. Select Basic and press YES.
 - PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select Priority and press YES.

The current ringing order is displayed.

- 4. Press UP or DOWN to select one of the following options:
 - One means only handset 1.
 - One, Rest means first handset 1, then all handsets.
 - One, Two.. means first handset 1, then 2, then 3, etc.
 - All means all the handsets at the same time (default).
- 5. Press YES to confirm.

The ringing order has now been stored.

If the handset that should ring first has been switched off, the next handset rings instead.

Setting the number of rings

You can also set the number of times a handset rings before the next handset starts to ring.

To set the ring count:

Route: BaseStation » Settings » Basic » RingOrder » Delay

- Select Basic and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select Delay and press YES.

The current setting is displayed (the default is 3 times).

- **4.** Enter the number of times a handset should ring (1 9).
- 5. Press YES to confirm.

The number of rings is stored.

CALL WAITING NOTIFICATION

If you are engaged in an internal call with another handset and an external call is received, you can be notified by two short beeps in your earpiece at regular intervals. You can either finish the current call or put the current call on hold to answer the external call. You can enable or disable this call waiting function.

To set the call waiting function:

Route: BaseStation » Settings » Access » CallWaiting

- Select Access and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select CallWaiting and press YES.The current setting is displayed (default is Off).
- 4. Use the **UP** or **DOWN** key to select the setting you want.
- 5. Press YES to confirm.

The call waiting notification setting is changed.

See also "Receiving a second call" on page 30.

PRIORITY PHONE

The priority phone feature allows you to be reachable by phone even when you are out of range of the base station. When you are in range, calls are routed to your handset. If you are out of range for certain period of time, calls can be routed to a GSM phone or a voice mailbox, for instance.

If you enable this feature, the base station scans for your handset at regular intervals. If it cannot locate the handset, it calls a certain telephone network service to activate a diverted telephone number. As soon as the handset is

located again, the same service is called to deactivate the diverted telephone number. Ask your dealer for more information on the call diversion service.

Priority phone can only be set for one handset. If a diversion telephone number is activated, no calls may be received by the base station until the priority phone handset is located again.

Setting a handset as priority phone

To set a handset as priority phone and to set the diverted telephone number:

Route: BaseStation » Settings » Advanced » PriorityNo » AssignNo

- Select Advanced and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select AssignNo and press YES.
 Dev.Number: is displayed. If a priority phone handset has already been set, this is shown in the display.
- 4. Enter the number of the handset you want to assign as priority phone.
- 5. Press YES to confirm.
 - Either Access Code: or Handset not known is displayed. In the latter case, you have entered a non-existent handset number. If an access code has been set before, this is shown in the display.
- If required, enter the access code for the call diversion service (CLR = delete; UP = move left; DOWN = move right).
- 7. Press YES to confirm.
 - Divert: is displayed. If a divert code has been set before, this is shown in the display.
- Enter the numbers to be dialled after the access code, in order to activate a diverted number (CLR = delete; UP = move left; DOWN = move right).
- 9. Press YES to confirm.
 - Either Undo Divert: or Fill Divert Profile is displayed. In the latter case, you have not entered a code for call diversion. If an undo divert code has been set before, this is shown in the display.
- Enter the numbers to be dialled after the access code, in order to deactivate a diverted number (CLR = delete; UP = move left; DOWN = move right).
- 11. Press YES to confirm.
 - Priority phone is now set or if Fill undo Divert Prof. is displayed, you have not entered a code to deactivate call diversion.

Priority phone deactivation

To deactivate a handset as priority phone:

Route: BaseStation » Settings » Advanced » PriorityNo » AssignNo

- Select Advanced and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select AssignNo and press YES.The number of the priority phone handset is displayed.
- 4. Press CLR to remove the number.
- Press YES to confirm.The priority phone is deactivated.

Scanning period for priority phone within range

If a priority phone is activated, the base station scans for the handset at regular intervals. The time between scans can be set. The scanning interval is a choice between not being reachable for a short period and frequently activating and deactivating call diversion if the handset is nearly out of range.

To set the scanning period:

Route: BaseStation » Settings » Advanced » PriorityNo » ScanPeriod

- Select Advanced and press YES. PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select ScanPeriod and press YES.

The current scan period is displayed in minutes (default is 2).

- **4.** Enter the number of minutes between scans (1 10).
- 5. Press YES to confirm.

The scanning period for the priority phone is changed.

AUTOMATIC ANSWERING

In some situations, such as when using the phone as a baby monitor, it is convenient if the handsfree in the base station automatically answers internal calls. Before it does so, a ringing sound is heard to let you know you have a call. This feature is normally off.

To enable or disable automatic answering of the base station handsfree:

Route: BaseStation » Settings » AutoAnswer

- 1. Select AutoAnswer and press YES.
 - The current setting is displayed.
- 2. Use the **UP** or **DOWN** key to select the required setting.
- 3. Press YES to confirm.

See also "Baby phone" on page 79.

LEAST COST ROUTING

If you are in a position to select different telephone operators, you can have the base station automatically route calls to another operator if the telephone number begins with a specific prefix. In this way, you can easily change the operator without having to change your phone numbers.

The least cost routing function replaces the prefix with digits to select the other operator. For instance, if the telephone number begins with 00, it can be substituted by 0016 to select the other operator. You can bypass this feature if you go off hook first and then dial the number.

You can set four prefixes. A prefix may consist of four digits and it can be substituted by a maximum of four digits.

To set least cost routing:

Route: BaseStation » Settings » Advanced » Routing

- Select Advanced and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select Routing and press YES.
 Either Route (1 4) or a number, if a prefix has already been set, is displayed.
- Press the UP or DOWN key, once or more, to choose a different prefix if required and press YES.
- Enter the prefix digits (CLR = delete; UP = move left; DOWN = move right).
- Press YES to confirm. Substitution digits are displayed if they have been set before.
- Enter the substitution digits (CLR = delete; UP = move left; DOWN = move right).
- Press YES to confirm.
 A prefix with associated substitution digits is set.

DIAL TONE PAUSE

If you include a pause in a telephone number, there is a pause during dialling at that point to wait for the dial tone. The base station automatically inserts a dial tone pause before each telephone number. You can adjust the length of the pause.

The standard pause is 1 second. You can set this from 1 to 10 seconds:

Route: BaseStation » Settings » Basic » PhoneLine » Pause

- Select Basic and press YES. PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select Pause and press YES.The current pause length is displayed.
- **4.** Enter a number (1 10) to set the length of the pause in seconds.
- Press YES to confirm.The dial tone pause has now been changed.

To include a pause in a telephone number, press * for one second. A dash marks the pause. The base station waits for the dial tone for the length of the dial tone pause.

CLEARING ALL BASE STATION SETTINGS

You can clear all settings on the base station simultaneously (including those of the answering machine). The pin code and the subscriptions, however, are not cleared.

All settings revert to default.

To reset all base station settings:

Route: BaseStation » Settings » Basic » MasterReset

- 1. Select Basic and press YES. PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select MasterReset and press YES.Reset All Settings? is displayed.
- Press YES to confirm.All base station settings are cleared.

Personalizing the answering machine

NUMBER OF RINGS BEFORE ANSWERING

When the answering machine is switched on, it answers after the number of rings you have set.

A call which is not answered by a handset, is picked up by the answering machine after three to twelve rings (five is default).

To set the number of rings before answering:

Route: BaseStation » AnswerMach » Settings » NoOfRings

- Select NoOfRings and press YES.
 The current number of rings is displayed.
- 2. Enter the number of rings before answering (3 12).
- Press YES to confirm.The number of rings before answering a call is now set.

Toll save feature

If you want to play back messages via the external line, the toll save feature can save calling expenses by differentiating between the number of rings before answering. If the answering machine:

- · Answers after two rings; there is a new message.
- Continues to ring after two rings; there are no new messages. You can hang up now.

If no new message has been received while using the toll save feature, the answering machine answers after the number of rings set with menu option NoOfRings (see above).

To set the toll save feature:

Route: BaseStation » AnswerMach » Settings » TollSave

- Select TollSave and press YES.
 - The current setting is displayed.
- 2. Use the **UP** or **DOWN** key to select the setting you want.
- Press YES to confirm.

PLAYING THROUGH THE BASE STATION LOUDSPEAKER

The loudspeaker in the base station can be used to monitor messages being recorded on the answering machine (default). Recorded messages can be played back through the loudspeaker as well. These features can be enabled and disabled.

You can adjust the volume while playing through the loudspeaker by pressing the **VOLUME UP** or **VOLUME DOWN** button on the base station.

Recording

To monitor messages through the base station loudspeaker while recording:

Route: BaseStation » AnswerMach » Settings » Monitor » Record

- Select Record and press YES.
 The current setting is displayed.
- 2. Press UP or DOWN to select the required setting.
- 3. Press YES to confirm.

Tip While a message is being recorded, you can still answer the call by pressing YES.

Playing back messages

To play back recorded messages through the base station loudspeaker:

Route: BaseStation » AnswerMach » Settings » Monitor » Playback

- Select Playback and press YES.
 The current setting is displayed.
- 2. Press UP or DOWN to select the setting you want.
- 3. Press YES to confirm.

When this feature is enabled, you can listen to recorded messages and voice prompts through the loudspeaker while controlling the answering machine via the handset. If you control the answering machine by means of the base station buttons, recorded messages are always played back through the loudspeaker.



LOUDSPEAKER VOLUME

The loudspeaker in the base station can be used in combination with the builtin answering machine and the handsfree. You can then use the **VOLUME UP** or **VOLUME DOWN** button on the base station to adjust the loudspeaker volume.

To adjust the loudspeaker volume during answering machine or base station handsfree use:

Press the VOLUME UP or VOLUME DOWN button once or more.

You can also adjust the loudspeaker volume of the base station via the handset using the base station volume menu option **Speech**.

To adjust the loudspeaker volume with the handset:

Route: BaseStation » Settings » Volume » Speech

- Select Speech and press YES.
 - The current loudspeaker volume setting is displayed (0 is the quietest level and 9 is the loudest level).
- Press the UP or DOWN key once, or more, to turn the volume up or down. You can now also use the VOLUME UP or VOLUME DOWN key on the handset to change the volume.
- Press YES to confirm.The loudspeaker volume level has now been changed.

MAXIMUM RECORDING TIME

The answering machine in the base station has a total recording time of approximately 15 minutes. To use this time efficiently, a maximum recording time per message is set. The answering machine automatically stops recording and finishes the call when the maximum recording time is reached.

You can set the maximum recording time of a message from 20 to 300 seconds (180 is default).

To set the maximum recording time per message:

Route: BaseStation » AnswerMach » Settings » MaxRecTime

- 1. Select MaxRecTime and press YES.
 - The current maximum recording time is displayed.
- Enter the maximum recording time per message in seconds (20 300).
- **3.** Press **YES** to confirm.

The maximum recording time per message is now set.

TIME STAMP

The answering machine time stamp tells you when messages were received. The time stamp, which tells you day and time, can be played before the recorded message. The time stamp message can be enabled or disabled for each type of answering machine access.

Base station access

To have time stamp messages when you are controlling the answering machine via the base station:

Route: BaseStation » AnswerMach » Settings » TimeStamp » BaseStation

- Select BaseStation and press YES.
 The current setting is displayed.
- 2. Press UP or DOWN to select the setting you want.
- 3. Press YES to confirm.

Remote access via external line

To have time stamp messages when you are accessing the answering machine remotely via the external line:

Route: BaseStation » AnswerMach » Settings » TimeStamp » ExtRemote

- 1. Select ExtRemote and press YES. The current setting is displayed.
- 2. Press UP or DOWN to select the setting you want.
- 3. Press YES to confirm.

Handset access

To have time stamp messages when you are controlling the answering machine by calling in with a handset:

Route: BaseStation » AnswerMach » Settings » TimeStamp » IntRemote

- Select IntRemote and press YES.
 The current setting is displayed.
- 2. Press UP or DOWN to select the setting you want.
- 3. Press YES to confirm.

The time stamp messages can be played while calling in. However, if the answering machine is controlled via the handset menus, no time stamp messages are heard (the time stamp is shown on the display).

VOICE GUIDANCE

To help you use the answering machine in the base station, a voice guide in the local language is included. The voice guide prompts you to press certain keys if there are several options. If you know the key strokes by heart, you can bypass the voice guide.

The voice prompts are played while calling in. However, if the answering machine is controlled via the handset menus, no voice prompts are heard.

Language

The voice guide is available in two languages. To select the other language:

Route: BaseStation » AnswerMach » Settings » Language

- Select Language and press YES.
 The current language is displayed.
- 2. Scroll through the list of languages until you find the language you want.
- Press YES to confirm your choice.The language of the voice guide has now been changed.

Blocking keys and extra security

BLOCKING HANDSET KEYS

If you carry the handset in your pocket, you might accidentally press the keys and make a call. To prevent this, you can have them automatically blocked if you do not press a key for one minute. The keys no longer work and a key symbol is displayed, but you can still receive calls.

To unblock the keys temporarily:

Press UP or * and press YES.

The key symbol disappears; the keys are enabled again.

To enable or disable automatic handset key locking:

Route: Handset » AutoKeyLock

- 1. Select AutoKeyLock and press YES. The current setting is displayed.
- 2. Use the **UP** or **DOWN** key to select the setting you want.
- **3.** Press **YES** to confirm.

The automatic key lock setting has been changed.

If the keys are blocked and a key is pressed, Press * to unlock keys is displayed.

If the keys are blocked and you receive a call, you can still answer the call in the normal way, without first unblocking the keys. See also "Emergency call" on page 79.

SETTING HANDSET LOCKS

You can protect your handset against unauthorized use with your PIN code. You can secure the handset against being used by someone else, or just against adding or deleting base station subscriptions. Both security features are off by default. You can change the PIN code of the handset.

If you enter an incorrect handset PIN code three times in a row, the handset is blocked.

See for the default handset PIN code "Overview PIN and other codes" on page 78.



Press * to unlock keys

imi

Securing against unauthorized use

You can set the handset so that the PIN code must be entered after switching on. This option is off by default.

To enable or disable protection against unauthorized use:

Route: Handset » PhoneLock » PowerOn

1. Select PowerOn and press YES.

Enter PIN: is displayed.

- Enter the PIN code for the handset (see page 78) and press YES.The current setting is displayed.
- 3. Press **UP** or **DOWN** to select the setting you want.
- **4.** Press **YES** to confirm.

The security setting against unauthorized use has been changed.

Securing against adding or deleting subscriptions

You can set the handset so that the PIN code must be entered when adding or deleting base station subscriptions. This option is off by default.

To enable or disable protection against adding or the deletion of subscriptions:

Route: Handset » PhoneLock » Subscript

1. Select Subscript and press YES.

Enter PIN: is displayed.

- Enter the PIN code for the handset (see page 78) and press YES.The current setting is displayed.
- 3. Press UP or DOWN to select the setting you want.
- 4. Press YES to confirm.

The security setting has been changed.

See also "Subscribing to a base station" on page 100 and "Deleting subscription" on page 104.

CHANGING THE HANDSET PIN CODE

The handset is initially provided with a pre-set PIN code (see page 78). You should change this PIN code to a personal PIN code to prevent misuse.

To change the handset PIN code:

Route: Handset » PhoneLock » ChangePIN

- 1. Select ChangePIN and press YES.
 - EnterOldPIN: is displayed.
- 2. Enter the current PIN code for the handset (see page 78) and press YES. Either EnterNewPIN: or Wrong PIN is displayed. In the latter case, you have entered a number that does not the match the current PIN code.
- Enter the four digits of the new PIN code and press YES. RepeatNewPIN is displayed.

4. Enter the new PIN code again and press YES.
Either New PIN accepted or Wrong New PIN is displayed. In the latter case, the new PIN and the code you have just entered do not match.

You can write down the new PIN code in the space provided in "Personal handset PIN code" on page 78.

If you enter an incorrect new handset PIN code three times in a row, the handset leaves this menu option.

In other situations, if you enter an incorrect handset PIN code three times in a row, the handset is blocked and PIN Blocked, Unblock? is displayed. See below for unblocking the handset.

UNBLOCKING THE HANDSET

If your handset is blocked because an incorrect PIN code has been entered three times, you can unlock the handset with the IPEI code. After entering the IPEI code, you must enter a new PIN code.

The IPEI code is a unique code which has been assigned to the handset. The IPEI code can be found on the packaging or in "Showing the IPEI code" on page 77.

If the handset is blocked, PIN Blocked, Unblock? appears. The handset must be unblocked before it can be used again. To unblock:

- 1. Press YES.
 - Backdoor: is displayed.
- **2.** Enter the IPEI code and press **YES**.
 - EnterNewPIN: is displayed.
- Enter the four digits of the new PIN code and press YES. RepeatNewPIN is displayed.
- 4. Enter the new PIN code again and press YES.
 Either New PIN accepted or Wrong New PIN is displayed. In the latter case, the new PIN and the code you have just entered do not match.

If New PIN accepted appears, you can use the handset again.

If the handset is blocked, you can still make an emergency call without first unblocking the handset. See "Emergency call" on page 79.

CHANGING THE BASE STATION PIN CODE

To prevent unauthorized people from accessing vital settings on the base station, they are secured by a PIN code. Each time you want to change these base station settings, you must enter the PIN code. You cannot switch off this security feature but you can change the base station PIN code. You change the settings of the base station by using a handset connected to this base station.

See for the default base station PIN code "Overview PIN and other codes" on page 78.

To change the PIN code of the base station:

Route: BaseStation » Settings » Basic » ChangePIN

- Select Basic and press YES. PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select ChangePIN and press YES.

New PIN: is displayed.

- Enter the four digits of the new PIN code and press YES. Repeat PIN: is displayed.
- 5. Enter the new PIN code again press YES. Either New PIN activated or Wrong new PIN is displayed. In the latter case, the new PIN and the code you have just entered do not match.

You can write down the new PIN code in the space provided in "Personal base station PIN code" on page 78.

If you enter an incorrect new base station PIN code three times in a row, the handset leaves this menu option.

In other situations, if you enter an incorrect base station PIN code three times in a row, the base station PIN code is invalidated and BaseStation Blocked is displayed. See below for resetting the base station PIN code.

If you enter an incorrect base station PIN code three times in a row, the PIN code is invalidated. Although you can still make and receive calls, you cannot alter the base station settings. Whenever you make an attempt to change a setting, you are asked to enter the PARI code. After entering the correct PARI code, the base station PIN code is reset to the default code (see page 78).

If the base station PIN code is blocked, Unblock BaseStation? appears. The base station PIN code must be unblocked to be able make changes again. To unblock:

1. Press YES

UnblockCode: is displayed.

Enter your PARI code.On the back of the base station, you can see that the PARI code is a sequence of 12 digits.

3. Press YES to confirm.

The PIN code is reset to 1111.

SHOWING THE IPEI CODE

In some cases your telephone network operator or dealer may need the International Portable part Equipment Identity (IPEI) number of your handset to enable telephone network subscription. The IPEI code is a unique code which has been assigned to the handset.

The IPEI code can be requested when using the handset.

To display the IPEI code:

Route: Information » ShowIPEI

1. Select ShowIPEI and press YES.

Enter PIN: is displayed.

- Enter the PIN code for the handset (see page 78) and press YES.The 13-digit IPEI code is displayed.
- 3. Press YES to leave this menu.

Note Write down the IPEI code in the space provided in "IPEI code handset" on page 78. You might need it to unblock the handset. If you cannot retrieve the IPEI code, please contact your dealer.

OVERVIEW PIN AND OTHER CODES

The handset and base station use several identification codes for security reasons. In the table below, an overview of these codes and their values is given.

Code	Value	Backdoor code
Handset PIN	0000 (default)	IPEI
Base station PIN	1111 (default)	PARI
Answering machine PIN	Same as base station PIN.	Not applicable.
Authentication Code (AC)	Same as base station PIN.	Not applicable.
International Portable part Equipment Identity (IPEI)	Unique identity assigned to your handset by the manufacturer. See packaging or "Showing the IPEI code" on page 77.	Not applicable.
Primary Access Rights Identity (PARI)	Unique identity assigned to your base station by the manufacturer. See the back of the base station.	Not applicable.
Portable Access Rights Key (PARK)	Base station identification for the handset. See the back of the base station.	Not applicable.

You can write down your personal PIN codes and the IPEI code in the spaces provided below.

Personal handset PIN code	
6 (
Personal base station PIN code	
01	
PEI code handset	

Extra features



Your handset is provided with an emergency call feature. This allows you to call the emergency services even when the handset is PIN-code protected or blocked or when the keys are blocked or direct call is on. You can access this feature by calling 112.

To make an emergency call:

- 1. Enter 112 and press YES. Emergency is displayed.
- 2. Wait for a connection and hold a conversation.
- 3. Press NO to end the call.

This emergency call feature temporarily overrides the handset PIN code and blocked keys if set.

BABY PHONE

You can use your handset as a baby monitor. This means you can listen to the sounds in a baby's room from a distance, by using the base station or another handset as a loudspeaker.

The handset, which is used as a baby monitor, automatically makes a call to the base station (default) or another handset if this feature is activated. The handset mutes the ringer and earpiece so that the baby is not disturbed. All keys on the handset are blocked except for the **NO** key, which you can use to end the baby phone call.

You can still answer calls with the base station handsfree. See "Handsfree calling" on page 82 for further information.

If the baby phone call is interrupted, the handset displays BabyCallLost Reactivate? and the warning light stays on continuously. In this case, you can press YES to re-establish the baby phone call. If the baby phone call is established, the other end hears a confirmation beep every half a minute.

If the battery in the handset is low, the low battery warning beeps sound at the other end to show that the battery needs charging.



00:10:34
BabyPhone

Baby phone activation

When you use the handset as a baby monitor place it somewhere in the baby's room so that it can easily pick up sounds.

To activate the baby phone:

Route: Handset » BabyPhone » Activate

Select Activate and press YES.

BabyPhone or BabyPhone Call Failed is displayed. In the latter case, either the phone number of the other end is incorrect or the other end is out of range.

Wait for a connection and place the handset somewhere in the baby's room.

You can end a baby phone call by pressing NO.

Baby phone call number

During a baby phone call, the handsfree in the base station is used as the other end by default. You can also select a handset as the other end.

To set the baby phone call number:

Route: Handset » BabyPhone » SetPhoneNo

1. Select SetPhoneNo and press YES.

The current baby phone number is displayed.

- Enter the internal telephone number of the handset or base station handsfree to be used as the other end (CLR = delete).
- 3. Press YES to confirm.

The baby phone call number is set.

Information tone

If the baby phone call is activated, the other end hears an information tone every half a minute to confirm that it is working (default). You can switch off the information tone if needed.

To enable or disable the information tone:

Route: Handset » BabyPhone » InfoTone

1. Select InfoTone and press YES.

The current setting is displayed.

- 2. Use the **UP** or **DOWN** key to select the setting you want.
- 3. Press YES to confirm.

The information tone setting has been changed.

DIRECT CALL

You can set the handset so that pressing any key dials a certain number. This means that if any key is pressed, for example by a small child, the same direct call number is always dialled.

Switching the direct call on

Direct call deactivates the automatic key lock. For information about automatic key lock, see "Blocking handset keys" on page 73.

To switch the direct call on:

Route: Handset » DirectCall

- Select DirectCall and press YES.
 Enable Direct Call? is displayed.
- 2. Press Yes to confirm.

DirectC.No: is displayed. If a direct call number has been set before, this is shown in the display.

- Enter the direct call number with the number keys (CLR = delete; UP = move left; DOWN = move right; press * for one second = dial tone pause).
- Press YES to confirm.
 The direct call function is now on.

If direct call is on, **Direct Call** and the number are displayed. To call it, press any key on the handset. You can still make an emergency call without first switching off direct call. See "Emergency call" on page 79.

Switching the direct call off

If you want to switch off the direct call feature, it is important not to wait too long between the steps: otherwise the direct call number is dialled.

To switch the direct call off:

Route: Handset » DirectCall

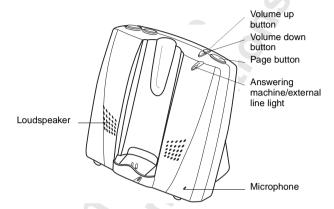
- Press UP or DOWN to enter the menu and then quickly scroll to DirectCall and press YES.
 - Disable Direct Call? is displayed. If you do not react within two seconds, the direct call number is dialled.
- Press YES to confirm.

The direct call function is now off.



HANDSFREE CALLING

The base station is provided with a handsfree. This means you can have a telephone conversation with both hands free and move around freely. The base station handsfree allows you to page handsets and to accept calls, but you cannot dial telephone numbers.



If the base station rings, you can accept the call on the base station handsfree.

To receive a call on the base station handsfree:

- 1. Press the PAGE button on the base station.
- 2. Have a conversation.
- 3. Press PAGE again to end the call.

During a handsfree conversation, you also can accept a second call which is indicated by a flashing red light on the base station.

To finish the current call and answer the external call:

- 1. To end the current call, press PAGE.
 The base station rings.
- 2. Press PAGE again to answer the external call.

If you are having a telephone conversation on your handset, you can transfer the call to the base station handsfree in order to have both hands free.

To transfer an external call to the base station handsfree:

- 1. Press INT to put the external call on hold. You hear the dial tone.
- 2. Dial **0**.

If the handsfree is engaged, you will hear the engaged tone and you can return to the external call by pressing INT again. If the handsfree is not engaged, you hear it ring.

- 3. Transfer the external call using NO.
- **4.** Press the **PAGE** button on the base station.

You can now continue the call on the base station handsfree.

If you receive a call when you are using the answering machine, answer the call with PAGE.

You can adjust the loudspeaker volume by pressing the **VOLUME UP** or **VOLUME DOWN** button on the base station.

INTERCOM

You can use the cordless phone to set up a conversation between the handset and the base station and use them as an intercom.

You can receive a call on the base station handsfree by pressing PAGE.

To call the handsfree in the base station with a handset:

- 1. Press 0 and then INT.
- 2. Have a conversation
- Press NO to end the call.The length of the call is displayed.

You can also call handsets using the page function on the base station.

To page a handset with the base station handsfree:

- Press the PAGE button on the base station.
 All handsets connected to the base station ring.
- 2. Wait for an answer.

 You are connected to the first one that answers the call.
- 3. Have a conversation.
- 4. Press PAGE again to end the call.

See also "Handsfree calling" on page 82.

CALL BARRING

You can prevent certain numbers from being called from a handset by blocking those numbers in the base station. You can still receive incoming calls. You can switch call barring on and off in the handset. Call barring in the handset is off by default.

If you call a blocked number, the line always sounds busy.

Some telephone numbers, such as emergency numbers, cannot be barred. Please consult your dealer for more information.

You can also have call barring via your telephone operator. It remains in effect irrespective of the call barring settings of the handset and base station. Please consult your dealer for more information.

CalledNumber is barred

Switching call barring on and off

Each handset (if you have more than one) should have call barring set on or off separately. Call barring is off by default.

To enable or disable call barring for a handset:

Route: BaseStation » Settings » Access » Barring

- Select Access and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select Barring and press YES. Dev.Number: is displayed.
- Enter the number of the handset for which you want to enable or disable call barring.
- Press YES to confirm.Either the current setting or Handset not known is displayed. In the latter case, you have entered a non-existent handset number.
- 6. Press UP or DOWN to select the setting you want.
- Press YES to confirm.
 You have now enabled or disabled call barring.

Setting barred numbers

You can enter three numbers of up to 8 digits for call barring. You can also record the prefix of numbers to be barred, for instance the prefix for chat lines and other expensive services, or the prefix for international numbers. All calls to numbers with this prefix will be barred.

To set a barred number or prefix:

Route: BaseStation » Settings » Access » BarredNo

- Select Access and press YES. PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select BarredNo and press YES.
 Either Group (1 3) or a previously set number or prefix is displayed.
- **4.** Press the **UP** or **DOWN** key, once or more, to choose another number or prefix if required and press **YES**.
 - Barred No: is displayed.
- Enter the number or the prefix (CLR = delete; UP = move left; DOWN = move right).
- Press YES to confirm.The number or prefix is now barred.

EXEMPT NUMBERS

You can exempt telephone numbers, for example emergency numbers, from call barring and call budgeting by the base station. This means that these numbers can always be dialled. Some exempt numbers, such as the national emergency number, may already have been set and cannot be edited or removed.

To exempt a number from call barring and call budgeting:

Route: BaseStation » Settings » Access » ExemptedNo

- Select Access and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select ExemptedNo and press YES.
 Either Number or a previously set exempt number is displayed.
- Press the UP or DOWN key, once or more, to choose a different exempt number if required and press YES.
- Exempted No: or Exempted No. is fixed! is displayed. In the latter case you cannot edit the exempt number and you have to select another entry.
- Enter the exempt number (CLR = delete; UP = move left; DOWN = move right).
- Press YES to confirm.The number is now exempt from call barring and call budgeting.

CALL TARIFF

If the base station receives metering pulses¹ during a call, you can have the costs of the call displayed when you finish the conversation. You can set the amount of money (call tariff) by which the costs increase with each metering pulse. If you set the amount of money to zero or no metering pulses are received, the length of one call is displayed instead.

The call tariff can range either from 0.00 to 9.99 or from 0 to 999. The default call tariff is 1.00.

Ask your dealer if your telephone network provides metering pulses.

To set the call tariff:

Route: BaseStation » Settings » Basic » Tariff

- Select Basic and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select Tariff and press YES.

 The current call tariff is displayed.
- Enter the new call tariff (CLR = delete; UP = move left; DOWN = move right; * = decimal point).
- Press YES to confirm.The amount of money (call tariff) by which the call costs increase with each metering pulse is now set.

1.25 Anna

^{1.} This function may not be supported by your telephone network operator.

Example:

Suppose you have set the call tariff to 0.25. During a call when the first metering pulse is received, the call costs are 0.25. With the second pulse, they are 0.50 and so on.

CALL BUDGET

The base station is provided with a call budgeting feature, which you can use to set the amount of money or time a particular handset can spend on external calls. When the budget for a particular handset has been exceeded, the base station does not end an ongoing call but blocks the next external call until a new budget is set. However, emergency calls and calls to exempt numbers can still be made (see "Exempt numbers" on page 84).

If a particular handset has gone over its budget, the handset sounds busy and displays No Budget when an external call is attempted.

Budget type

Either time or costs can be budgeted depending on the budget type setting. Costs can only be budgeted if the call tariff is set and the base station receives metering pulses during a call. If no metering pulses are received during an external call, the cost budget remains the same. See also "Call tariff" on page 85.

To set the budget type:

Route: BaseStation » Settings » Basic » CallInfo

- Select Basic and press YES. PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select Callinfo and press YES.The current budget type is displayed.
- 4. Press **UP** or **DOWN** to select one of the following options:
 - Duration to budget time that is spent on external calls.
 - Cost to budget the costs if metering pulses are received during an external call.
- Press YES to confirm. The budget type is set.



Setting call budgets

You can set a budget for a particular handset or, if the budget is exceeded, grant a new budget. Whether time or costs are budgeted depends on the budget type setting, see above. The maximum budget that can be set is 99 hours and 59 minutes or 99999 in local currency units.

To set a budget for a handset:

Route: BaseStation » Settings » Access » Budget

- Select Access and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select Budget and press YES.

Dev.Number: is displayed.

- 4. Enter the number of the handset for which you want to set the budget.
- Press YES to confirm.

Either the current setting or **Handset not known** is displayed. In the latter case, you have entered a non-existent handset number.

- 6. Press UP or DOWN to select On.
- 7. Press YES to confirm.

Either Time Budget: or Cost Budget: and the current amount are displayed. If the amount is negative, the budget has been exceeded.

- 8. Edit the amount (CLR = delete; UP = move left; DOWN = move right).
- 9. Press YES to confirm.

The budget is set for that handset.

To disable call budgeting for a handset:

Route: BaseStation » Settings » Access » Budget

- Select Access and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select Budget and press YES.
 - Dev.Number: is displayed.
- 4. Enter the number of the handset for which you want to set the budget.
- 5. Press YES to confirm.

Either the current setting or Handset not known is displayed. In the latter case, you have entered a non-existent handset number.

- 6. Press UP or DOWN to select Off.
- 7. Press YES to confirm.

Call budgeting is disabled for that handset.

Remaining budget

You can easily check the remaining budget of your handset. The amount depends on the budget type and, if a cost budget is selected, whether metering pulses have been received during an external call. The amount can show a negative value which means that the budget has been exceeded and no more external calls can be made with your handset.

To see the remaining budget:

Route: BaseStation » Settings » Information » CallBudget

1. Select CallBudget and press YES.

One the following is displayed:

- · No Budget if no budget is assigned to your handset.
- Remain Time and a value in hours and minutes if the budget type is time.
- Remain Cost and a value in the local currency if the budget type is costs.
- 2. Press YES to leave this menu.

CALL STATISTICS HANDSET

Your phone can tell you how long your last call was. Your phone can also display the total time of all external calls made.

Last call

To see the time spent on your last call:

Route: Information » LastCall

1. Select LastCall and press YES.

The length of the last call is displayed in hours, minutes and seconds.

2. Press YES to leave this menu.

Total external calls made

To see the time spent on all outgoing external calls:

Route: Information » TotalCalls

1. Select TotalCalls and press YES.

The total time of all external calls made is displayed in hours, minutes and seconds.

2. Press YES to leave this menu.

CALL STATISTICS BASE STATION

The base station records the totals of all external calls made. One of these totals is costs which is dependent on the call tariff setting and metering pulses. If you have set the call tariff to zero or no metering pulses are received by the base station, this menu option is not available. Only the total time can then be displayed. See also "Call tariff" on page 85.

The maximum amount that can be displayed is either 99:59 or 99999.

Remain Time 03:45

Remain Cost

m

....

Total duration

To see the time spent on outgoing external calls:

Route: BaseStation » Settings » Information » TotDuration

- 1. Select TotDuration and press YES.
 - The total time of all external calls made is displayed.
- 2. Press YES to continue.
 - Reset TotCallTime? is displayed.
- Press YES to reset or NO to cancel. PIN: is displayed.
- Enter the PIN code for the base station (see page 78) and press YES.
 Total Time is Reset is displayed for a short time.

Total cost

This menu option may not be available.

To see the total amount of costs of all external calls made:

Route: BaseStation » Settings » Information » TotCosts

- Select TotCosts and press YES.
 The total costs of all external calls made is displayed.
- 2. Press YES to continue.

 Reset TotCallCost? is displayed.
- Press YES to reset or NO to cancel.
 PIN: is displayed.
- Enter the PIN code for the base station (see page 78) and press YES.
 Total Cost is Reset is displayed for a short time.

VOICE MAIL

In some telephone networks, callers can leave a message in a voice mailbox if they cannot reach you. You then have to dial a service number to check for messages. With the cordless phone, this can be automated. If a message is received, the message icon on the handset flashes quickly and a message waiting sound is heard. You can then conveniently dial the service number via the Voice: menu option to listen to your messages.

Checking for voice mail messages

This function also works with the answering machine in the base station. If you prefer the voice mail service on the telephone network, you have to make some settings and switch off the answering machine. See "Voice mail notification" below for more details.

Menu option Voice: x is only available if there are voice mail messages. X indicates the number of messages.



To listen to voice mail messages:

1. Select Voice: x and press YES.

The service number is displayed.

- 2. If the service number is:
 - 9. This means that there are new messages on the answering machine in the base station. Press INT to call the answering machine.
 - any other number. This is a service number. Press YES to dial the number.
- 3. Wait for a connection and follow the instructions given.
- 4. Press NO to end the call.

The length of the call is displayed. If available, the costs of the call are also displayed.

Tip You can also access the answering machine and listen to messages in an easier way. See "Playing back new messages" on page 44 for more details.

Voice mail notification

Voice mail services normally answer calls after a few rings. To check for voice mail messages, you have to call a service number, which lets you listen to your recorded messages. Ask your dealer for more details about the voice mail service.

The voice mail notification with a voice mail service in the telephone network only works if the answering machine is switched off.

To set the voice mail notification:

Route: BaseStation » Settings » Advanced » VoiceMail

- 1. Select Advanced and press YES.
 - PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select VoiceMail and press YES.
 - The current setting is displayed.
- 4. Use the **UP** or **DOWN** key to select the setting you want.
- 5. If you select **Off** continue with step 10.
- 6. Press YES to confirm.
 - The current number of rings is displayed.
- 7. Enter the number of times the base station should ring (1 9) before a voice mail notification is given (default is 5).
- Press YES to confirm.
 - MailBoxNo: is displayed. If a service number has already been set, this is shown in the display.
- Enter the service number (CLR = delete; UP = move left; DOWN = move right).
- 10. Press YES to confirm.

The voice mail notification setting has been changed.



If no service number has been set, the voice mail notification is cleared as soon as an external call is made.

See also "Checking for voice mail messages" on page 89.

SUBSCRIBING HANDSETS

The handset that comes with the base station is already automatically subscribed to the base station as described in "Preparing for use" on page 9. Any handsets you buy separately must also be subscribed, in order to connect them to the base station. A maximum of eight handsets can be subscribed to the base station. One handset can be subscribed to up to eight base stations.

Subscribing another handset

To subscribe a handset to a base station you need the authentication code of the base station. The authentication code, which is the same as the base station PIN code, is secret and prevents other handsets subscribing to the base station without your approval.

If the handset does not have a subscription, it automatically enters the subscription mode when it is switched on. In this case, the handset displays Press <Page> base station first and then Enter AC: appears. If so, you can skip step two and three of the procedure below.

To subscribe a DT200 handset to the base station:

Route: Networks » Subscribe

- 1. Press the PAGE button on the base station for at least two seconds
- 2. Select Subscribe and press YES.

Enter PIN:, Enter AC: or Subscr. List Full is displayed. In the latter case, your handset already has eight subscriptions and to add a new subscription you have to delete another.

If requested enter the PIN code for the handset (see page 78) and press YES.

Enter AC: is displayed.

- Enter the authentication (PIN) code of the base station.
 Each digit of the AC number that you enter is shown only as * for security purposes.
- 5. Press YES to confirm.

The handset now looks for base stations in subscription mode using the AC number to test if it is allowed to subscribe.

Wait until Subscription Ready is displayed for a short time.
 The handset is connected to the base station. You can see its internal phone number on the right-hand side of the display.

 In case of the following message, try to subscribe again:

 Subscription Failed: the AC number you have entered does not match the base station PIN code or the base station already has eight handset subscriptions. To add a handset you have to delete the subscription of another handset.

You can provide a personal identity for the base station. The name is arbitrary and is shown in the display when the handset is connected to the base station and on standby. See "Editing base station name" on page 103.

Subscribing another type of handset

Your base station functions can be fully utilized when used in combination with a DT200 handset. If it is used with another type of handset, there are a few functions that will not work.

Please refer to the handset documentation for subscribing another type of handset to the base station. To initiate subscription, you have to press the **PAGE** button on the base station for at least two seconds. The base station remains in the subscription mode for about 5 minutes.

Cancelling the subscription of a handset

Up to eight handsets can be subscribed to a base station. If you want to subscribe a ninth handset, you must cancel the subscription of another.

To cancel a subscription of a handset:

Route: BaseStation » Settings » Access » Desubscribe

- 1. Select Access and press YES.
 - PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select Desubscribe and press YES. Dev.Number: is displayed.
- 4. Enter the number of the handset whose subscription you want to cancel.
- 5. Press YES to confirm.

Either Desubscribe Handset? or Handset not known is displayed. In the latter case, you have entered a non-existent handset number.

6. Press YES to confirm.

The subscription for that handset is cancelled.

To cancel your subscription on the base station, please refer to "Deleting subscription" on page 104.

John :: 01-Dec : 11:32

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USING MULTIPLE BASE STATIONS

By using multiple base stations you can extend the coverage area of your handset

When you set the handset to automatic base station selection (default), you can automatically connect to a subscribed base station but you cannot continue a telephone conversation while moving from one base station to another.

Multiple base stations on one telephone line

To be able to use the handset in a larger area, you can connect two or more base stations to the same telephone line. The number of base stations you can connect to one telephone line depends on local conditions. Please contact your dealer for further information

You need to subscribe the handset to each base station. The handset can have different internal numbers (1 - 8) on the various base stations.

Multiple base stations on multiple telephone lines

You can also use the handset with multiple base stations in various places, connected to different telephone lines. In this case, the handset can have different internal and external numbers at different times.

Connecting to a base station

To be able to use a certain base station, the handset must be subscribed and connected to that base station. A handset can be subscribed to multiple base stations, but can only be connected to one base station at a time. To connect to a base station please refer to "Selecting another base station" on page 102.

SINGLE OR MULTI-CELL MODE

Your base station can operate in the single-cell (stand alone) mode or in the multi-cell mode. In the multi-cell mode, the handset can be used in a larger area in which base stations work together as one unit. It is recommended that you leave your base station in the single-cell mode unless otherwise specified. This function is reserved for future use.

To set the cell mode:

Route: BaseStation » Settings » Basic » CellMode

- 1. Select Basic and press YES.
 - PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select CellMode and press YES.The current cell mode is displayed.

- 4. Press UP or DOWN to select one of the following options:
 - SingleCell default setting; the base station operates in stand alone mode.
 - MultiCell the base station works together with other base stations to form a larger coverage area.
- 5. Press YES to confirm.

The cell mode is set.

USING A SWITCHBOARD

If the base station is connected to a switchboard, you can use its functions in the same way as with a conventional fixed telephone. The only difference is the absence of a telephone cable. One example of this type of function is transferring calls.

Telephoning using a switchboard

When you use a switchboard, it is sometimes necessary to wait for the dial tone before dialling a number. If the whole number is to be entered and displayed prior to dialling, for example a stored number, then you must indicate where in the number the handset should wait for the dial tone.

To include a pause (to wait for the dial tone) in a number, press * for one second. A dash appears in the handset display to show you where you have set the pause.

If there is a dash in a number, the handset waits a while for the dial tone. If you hear the dial tone, the handset continues dialling without waiting for the full dial tone pause period.

PULSE OR TONE DIALLING

Some telephone networks use pulses when dialling a number. If your cordless phone is set to pulse dialling, you can switch to tone dialling if required, for example to control a teleservice.

To switch the handset to tone dialling during a call:

Route: DialMode » GoToDTMF

Select GoToDTMF and press YES.
 The handset now uses tone dialling.

When you hang up, the handset goes back to pulse dialling. The pulse dialling setting stays when you switch off.

Which dialling method?

You can easily check whether tone or pulse dialling is required. Proceed as follows:

- Check if the base station is set to tone dialling, see "Tone dialling" on page 95.
- 2. Press YES.

You hear the dial tone.

Dial the number of someone you know.If the external line supports tone dialling, you hear the phone ring.

If you dial the number and still hear the dial tone, you have to set the base station to pulse dialling. See below.

Pulse dialling¹

To set the base station to pulse dialling:

Route: BaseStation » Settings » Basic » PhoneLine

1. Select Basic and press YES.

PIN: is displayed.

- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select PhoneLine and press YES.

The opposite of the current setting is displayed.

- 4. Scroll to either GoToPulse or GoToDTMF. If the display shows:
 - GOTODTMF press NO because the base station is already set to pulse dialling.
 - GoToPulse press YES to set the base station to pulse dialling.

Tone dialling

To set the base station to tone dialling:

Route: BaseStation » Settings » Basic » PhoneLine

- 1. Select Basic and press YES.
 - PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select PhoneLine and press YES.The opposite of the current setting is displayed.
- 4. Scroll to either GoToDTMF or GoToPulse. If the display shows:
 - GoToPulse press NO because the base station is already set to tone dialling.
 - GoToDTMF press YES to set the base station to tone dialling.

^{1.} This function may not be supported by your telephone network operator.

SIGNALLING METHODS

If you use a telephone line with tone dialling, the base station transmits signals across the telephone line when you press the R key. Telephone networks or switchboards use either earth or hook flash as a signalling method. You will find details of which one is used in the appropriate documentation. You must set the base station to the appropriate signalling method for the telephone network or switchboard.

Earth signalling

Earth signalling can only be used with a suitable telephone line.

To set the earth signalling method:

Route: BaseStation » Settings » Basic » PhoneLine

- Select Basic and press YES.
 PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- Select PhoneLine and press YES.The opposite of the current setting is displayed.
- 4. Scroll to either GoToEarth or GoToFlash. If the display shows:
 - GoToFlash press NO because the base station is already set to earth signalling.
 - GoToEarth press YES to set the base station to earth signalling.

Hook flash

Hook flash is a signalling method in a telephone network or on a switchboard and is initiated by pressing the R key on the handset. It is normally used for call transfer. Hook flash actually simulates an on-hook-off-hook sequence during a call. The length of such a sequence can be adjusted. In most cases the factory setting (default) is correct. You will find details in the appropriate documentation

It is important to set the hook flash duration correctly. If it is set too short or too long the telephone network or the switchboard may not detect a hook flash or may even end the call.

The hook flash duration is limited to a certain range. If you try to exceed the range, the handset sounds a warning tone and defaults to the lower or upper limit.

To set the hook flash signalling method:

Route: BaseStation » Settings » Basic » PhoneLine

- 1. Select Basic and press YES.
 - PIN: is displayed.
- 2. Enter the PIN code for the base station (see page 78) and press YES.
- 3. Select PhoneLine and press YES.
 - The opposite of the current setting is displayed.
- 4. Scroll to either GoToFlash or GoToEarth. If the display shows:
 - GoToEarth press NO because the base station is already set to hook flash signalling.
 - GoToFlash press YES to set the base station to hook flash signalling.
 Flash Time: and current duration in milliseconds are displayed.
- 5. Enter the required duration (CLR = delete; UP = move left; DOWN = move right). The last digit automatically defaults to 0.
- Press YES to confirm. Hook flash signalling and its duration are set.

Hook flash duration

If you use hook flash signalling, you may need to change the hook flash duration. To change this, you have to go back to earth signalling first and then change the signalling method back to hook flash. See "Earth signalling" on page 96 and "Hook flash" above for the corresponding procedures.

TRANSFERRING CALLS

In general, you can transfer calls on a switchboard as described below. However, transferring calls may work differently on your switchboard.

To put a call on hold and dial another number, use the R key or the NewCall menu option. If you do not know the number by heart, use the NewCall option.

With the R key

You are on the phone and want to transfer a call.

To transfer calls to another extension:

- Press the R key to put the current call on hold.
 You hear the dial tone of the switchboard.
- Enter the number of the extension to which you want to transfer the call. If the extension is available, you hear it ring. You can wait until the call is answered.
- 3. Press NO to transfer the call, or press the R key to return to the caller.

With the 'NewCall' option

During a call, you may want to hold the call and dial another number, but you do not know the number by heart and want to look it up in the phone book, the who called list or the last dialled list.

To transfer calls to another extension:

- 1. Select NewCall and press YES.
- Enter or search for the number of the extension to which you want to transfer the call, as normal.
- 3. Press YES to dial the number.
- 4. Wait for an answer.

If the person does not answer, or is busy, press R to return to the call.

- 5. If the second call is answered you can:
 - · Return to the first call by pressing R.
 - Transfer the first call to the second party by pressing NO.

Using base stations

CONNECTING TO BASE STATIONS

You can connect your handset to seven other base stations, as well as to the one that comes with your set.

Before you can connect to a base station, your handset must have access rights to that base station. These access rights are stored in a so-called subscription. You only have to subscribe to a base station once. When you are subscribed, you can make and receive calls whenever you are within range of that base station. A subscribed base station can be selected automatically or manually.

While subscribing to a base station, the handset receives an internal telephone number by which it can be called by another handset.

If your handset has a radio connection with a base station, this is shown by the signal strength indicator. If the indicator is visible, then you can make and receive telephone calls. If the indicator is not shown, then the handset is not connected to a base station. This may mean:

- You are out of range.
 Check that the base station is on and that you are within range.
- There is no access to the selected base station.

 The handset is not able to connect or its access rights may have changed.

 Set the handset to automatic base station selection (repeat if necessary) and if that does not help, subscribe the handset to the base station again.
- There is no subscription to the base station.
 Subscribe the handset to the base station.

Out of range

If you are out of range, the handset warns you with short, fast, beeping sounds and a flashing warning light. The signal strength indicator is not shown. You must be within range to connect to a subscribed base station. Switching to automatic base station selection may remedy this (see "Selecting another base station" on page 102). Automatic base station selection may connect you to another subscribed base station







Press <Page>
base station

Subscriptions

Up to eight base stations may be subscribed. The names of these base stations are stored in a prioritized list. In case of automatic base station selection, the handset tries to connect to the base station with the highest priority; first base station entry 1, followed by base station entry 2 etc. To change the base station priority, see "Selection priority" on page 102.

If you want to subscribe and no free entries are left in the subscription list, you have to delete an entry first. See "Deleting subscription" on page 104.

SUBSCRIBING TO A BASE STATION

In order to connect a handset to a base station, you must subscribe to that base station. Once subscribed to, the base station can be connected at any time, when within range. For subscribing to a BS260 base station, please refer to "Subscribing handsets" on page 91. The subscription procedure below is intended for other types of base stations.

In order to subscribe to a base station, an Authentication Code (AC) is required. Please consult the appropriate documentation.

Up to eight base stations may be subscribed and the identifying names of these base stations are stored in a list.

The identifying names of base stations can also be used as a personal identity for your handset. Each name could, for instance, be related to the relevant area when connected to that particular base station. To edit the base station name, while retaining the subscription data, please refer to "Editing base station name" on page 103.

If the handset does not have a subscription, it automatically enters the subscription mode when it is switched on. In this case, the handset displays Press page> base station first and then Enter AC: appears. If so, you can skip step two and three of the procedure below.

To subscribe your handset to a base station other than the BS260:

Route: Networks » Subscribe

- Ensure that the base station is ready to subscribe as indicated in the appropriate documentation.
- Select Subscribe and press YES.
 Enter PIN:, Enter AC: or Subscr. List Full is displayed. In the latter case, your handset already has eight subscriptions. You have to delete a subscription before you can add a new one.
- If requested, enter the PIN code for the handset (see page 78) and press YES.

Enter AC: is displayed.

Home 2 01–Dec 11:32

- 4. Enter the authentication code or the PIN code of the base station. Each digit of the AC number that you enter is shown only as * for security purposes.
- **5.** Press **YES** to confirm.

The handset now looks for base stations in subscription mode using the AC number to test if it is allowed to subscribe.

6. Wait until Subscription Ready is displayed for a short time. The handset is connected to the base station. You can see its internal phone number on the right-hand side of the display.

If you get the following message, try to subscribe again:

 Subscription Failed: the AC number you have entered does not match the base station AC number, or the base station cannot add another subscription.

RE-SUBSCRIBING TO A BASE STATION

Re-subscribing to a base station replaces the existing subscription data. Resubscribing can be used to update the subscription data in the handset. For example, if telephone numbers change **Resubscribe** can be used to update them. This function is reserved for future use.

You can only re-subscribe to the currently connected base station. If necessary, first select the base station you want to re-subscribe to (see "Manual selection" on page 102).

This menu option is only available if the handset is connected to a base station.

To re-subscribe the handset to the currently connected base station:

Route: Networks » Resubscribe

- 1. Select Resubscribe and press YES.
- Resubscribe? is displayed.

 2. Press YES to confirm.
 - Resubscribing is displayed while re-subscribing takes places.

SELECTING ANOTHER BASE STATION

The handset can connect to several base stations. It can select a base station automatically when it has been out of range or switched on. You can also specify a base station to connect to.

Automatic selection

This menu option is only available if the subscription list contains base station names.

To have automatic base station selection:

Route: Networks » SelectNet

- Choose SelectNet and press YES.
 Automatic or the currently selected base station is displayed.
- 2. If necessary use the UP or DOWN key to select Automatic.
- 3. Press YES to confirm.

The handset is set to automatic base station selection.

The handset tries to connect to a subscribed base station in the order of the prioritized subscription list.

Manual selection

This menu option is only available if the subscription list contains base station names.

To specify the base station to connect to:

Route: Networks » SelectNet

- Choose SelectNet and press YES.
 Automatic or the currently selected base station is displayed.
- 2. Press **UP** or **DOWN** to find the base station you want from the list.
- 3. Press YES to confirm.

The handset tries to connect to the selected base station.

Selection priority

The handset can select a base station automatically when it has been out of range or switched on. In this case, it searches for the base stations in the order of priority starting with the first one on the subscription list. If you wish to change the order of your subscription list, the base station names can be rearranged using the **Priority** option.

This menu option is only available if the subscription list contains two or more base station names.

To change the order of the subscription list:

Route: Networks » Priority

1. Select Priority and press YES.

The first base station name on the list is displayed.

- 2. Use UP and DOWN to select the base station to be moved.
- 3. Press YES.
 - Pos. 1 is displayed.
- Use UP or DOWN to select the new position in the list for the selected base station
- 5. Press YES to confirm.

The base station is moved to the position you have chosen.

The selected base station is put into the required position on the list. The other base stations on the list are re-arranged accordingly, maintaining their relevant priorities. For example, if item 3 is moved to item 1 on the list; item 1 becomes item 2, item 2 becomes item 3 and the other items remain unchanged.

EDITING BASE STATION NAME

The name of each subscription entry can be set or amended to provide a personal identity for your handset. The name is arbitrary and is shown on the display when the handset is connected to that base station and on standby. The default name is **Home**.

The default name **Home** only applies to base stations. For other types of telephone networks, the default name can be **Work** or **Public**, depending on the type of network.

This menu option is only available if the subscription list contains base station names.

To edit the base station name:

Route: Networks » Rename

1. Select Rename and press YES.

The first base station name in the subscription list is displayed.

- Use UP or DOWN to select the name to edit.
- 3. Press YES.

Edit Name: is displayed.

4. Change the name (to a maximum of ten characters) using the CLR key (delete) and then the number keys. Press the key which has the first letter of the name you want. Press once for the first letter of the key, twice for the second and three times for the third letter of the key (CLR = delete; UP = move left; DOWN = move right; 1 = space; * = lower case).



5. Press YES when you finish.

The handset can display several special characters. Please refer to "Phone book use" on page 35 for more details.

DELETING SUBSCRIPTION

If a subscription is no longer required, you can remove it from the handset's subscription list.

This menu option is only available if the subscription list contains base station names.

To remove a subscription from the handset:

Route: Networks » Delete

- Select Delete and press YES.
 - Enter PIN: or the first base station name in the subscription list is displayed.
- 2. If requested, enter the PIN code for the handset (see page 78) and press YFS
- 3. Use UP or DOWN to find the subscription for deletion.
- 4. Press YES.

Delete? is displayed.

5. Press YES to confirm.

The subscription has been removed from the handset's subscription list.

If you delete the currently active subscription, the handset disconnects and searches for another subscribed base station.

Tips and tricks

You can find a few useful tips and tricks in this section.

Showing date and time

You can see the time and date on the handset's standby display. If it is not displayed:

 Time and date have not been set on the base station. See "Time and date" on page 60 for more details.

Or

Home 01-Dec 11:32

· Your handset is not on standby. Press CLR quickly.

Putting a call on hold

You can put a call on hold in three ways:

- During an external call press INT. You can now transfer the call to another handset, return to the call or start a three-party call. See "Consulting with another handset or transferring a call" on page 31.
- During an external call press R. This and any further action is entirely dependent on the telephone network or switchboard used. See "Transferring calls" on page 97 for more details.
- Press CLR to switch off the microphone. See "Turning off the microphone" on page 27.

Starting a three-party call

You can start a three-party call by pressing **3**, if you have put an external call on hold and are having a conversation with another handset. See also "Making a three-party call" on page 32.

Paging handsets

To page handsets:

· Press PAGE on the base station.

Oı

• Press * and then INT on a handset.

See also "Searching for handsets or people" on page 31.

Calling the handsfree in the base station

You can call the handsfree in the base station by pressing **0** and then **INT** on a handset. See "Intercom" on page 83 for further details.

Transferring an external call to the handsfree in the base station

You can transfer an external call to the handsfree in the base station by pressing INT, **0** and then **NO** on a handset. Continue the call on the base station by pressing the **PAGE** button. See "Handsfree calling" on page 82 for further details.

Calling the answering machine

Besides using menus you can also call the answering machine with a handset. To do so, press **9** and then **INT**. See also "Answering machine access" on page 42.

Quick call by name

You can search for a number by name in the phone book without using the menus. See "Quick call by name" on page 24 for more details.

Entering a dial tone pause

To include a pause in a telephone number, press * for one second. A dash marks the pause. The base station waits for the dial tone for the length of the dial tone pause. See "Dial tone pause" on page 66 for more details.

Editing a name and number

If you edit a name or a number on your handset you can "jump" to the most left or the most right character by respectively pressing **UP** or **DOWN** for one second. You can clear the whole name or number by pressing **CLR** for one second.

Mute ringer temporarily

If your handset rings at an inconvenient moment, you can turn off the sound temporarily by pressing **CLR**. The ringer sounds again with the next call. See "Turning off the ringer and warning sound" on page 27 for more details.

Muting ringer and warning sound permanently

You can turn off the ringer and warning sound permanently by pressing CLR for second. If you press CLR during a call, you turn off the microphone. To turn the ringer and warning sound back on, press CLR for one second again. See "Turning off the ringer and warning sound" on page 27 for more details.

Reference

SAFETY INSTRUCTIONS

Do not place the base station near audio or video equipment. It may cause interference. The handset is not suitable for lifeline applications.

Intrinsic safety

Do not use the handset in conditions where there is a danger of electrically ignited explosions.

Exposure to sunlight, heat and moisture

Do not expose the cordless phone to direct sunlight for long periods. Keep the cordless phone away from excessive heat and moisture.

Battery disposal

Defective batteries must be returned to a collection point for chemical waste disposal.

Spare parts and accessories

Use only approved spare parts and accessories. The operation of non-approved parts cannot be guaranteed and may even cause damage. For more information see "Spare parts and accessories" on page 118.

Power failure

In the event of a power failure or flat battery, you cannot use the handset to make or receive calls.

TROUBLESHOOTING

These answers to frequently asked questions should help you solve problems with the cordless phone yourself.

How far can I go from the base station without the handset failing?

Indoor the range is up to 50 metres, outdoor up to 300 metres. The actual range may differ because of local circumstances.

Can somebody eavesdrop on me?

This is not possible because of the digital techniques and encryption which are used.

Do I get a warning before the batteries run out?

An alarm sounds when approximately fifteen minutes' calling time is left.

How can I subscribe a handset to a base station?

To subscribe a handset you need the authentication (PIN) code of the base station. How to subscribe is explained in "Subscribing to a base station" on page 100.

What should I do if the handset dials a number as soon as I press a key?

A direct call has been set. See "Direct call" on page 81.

What should I do if I do not hear anything when I pick up the handset and the red light on the base station is flashing?

The base station is not properly connected to the telephone line. Check the telephone line cable.

Why do I keep on hearing the dial tone after I have dialled a number?

If you dial a number and still hear the dial tone, you probably have to set the base station to another dialling method. See "Pulse or tone dialling" on page 94 for more details.

I cannot understand the language of the voice guide. Why?

An incorrect language has been selected. The voice guide is available in two languages. To select the other language, see "Voice guidance" on page 71.

I cannot understand the language on the display. Why?

An incorrect language has been selected.

To correct this:

- 1. Press CLR.
 - The handset returns to the standby display.
- Press 5 x UP, YES, 3 x UP and YES. Select the language of your choice from the list and press YES.

Some menu options are in another language on the display. Why?

These options are the base station menus which form a part of the handset menus. They are normally in the same language as the handset menus. If the handset language is not available, the base station chooses English by default.

To choose another default language:

1. Press CLR.

The handset returns to the standby display.

 Press 4 x UP, YES, 1 x UP, YES, 3 x DOWN, YES, enter the PIN code for the base station (see page 78), 2 x YES. Select the language of your choice from the list and press YES.

I have entered an incorrect PIN code three times in a row. How can I set a new PIN code?

If you have entered an incorrect PIN code three times in a row, the current code is invalidated. If the handset PIN code is invalidated, the handset cannot be used any more. To reset the PIN code, see "Resetting the base station PIN code" on page 77 and "Unblocking the handset" on page 75.

I cannot switch on the handset by pressing No for at least two seconds. Why?

Put the handset in the base station. If the display comes on, the battery is almost flat. Leave the handset in the base station to charge the battery. If the display remains off after charging, the handset is defective or the battery is not properly connected or may need replacing. See "Battery" on page 12.

I have placed the handset in the base station but the green charging light does not come on. Why?

Ensure that the handset is placed properly in the base station and the base station is on. If the battery is completely flat, leave the handset in the base station to charge the battery. The green charging light will turn on after a few minutes.

I know that someone is calling me, but the ring signal is not ringing. Why not?

If you can see the ring off icon, it means that the volume of the ring signal has been set to zero, or the ring signal is switched off temporarily. If the ring signal has been switched off temporarily, it comes back on when you hang up. For increasing the volume of the ring signal, see "Ring volume" on page 56.

I cannot call certain numbers. Why not?

Call barring is on or your call budget has been exceeded. For further details, see "Call barring" on page 83 and "Call budget" on page 86.

The external line light on the base station is flashing quickly. Why?

There is a problem with the connection between the base station and the telephone line. Check the telephone line cable. See "Preparing for use" on page 9.

I hear a warning tone and the signal strength indicator is not shown. What is wrong?

The handset is not connected to the base station. The handset is probably out of range. Bring the handset back within range of the base station.

It is also possible that the handset has not been subscribed or that the subscription has been cancelled. It could also mean that a base station other than the one which you are close to has been selected. See "Subscribing handsets" on page 91 and "Connecting to base stations" on page 99.

I hear a warning tone and the battery icon is flashing. What is wrong?

The battery is almost flat. Put the handset in the base station to charge the battery.

The red light on the base station is on. What is wrong?

Nothing is wrong. The external line is busy.

I cannot use the phone book. What is wrong?

To begin with, the phone book in the handset is empty. To make use of the phone book, you have to add a few names and numbers. See "Adding name and number" on page 36.

There are no messages on the answering machine. Why?

Check that the answering machine is switched on. The green light on the top of the base station and the message icon on the handset display should be on. See "Switching on/off" on page 50.

I cannot hear anything through the base station loudspeaker. Why?

The base station loudspeaker can be used during answering machine and base station handsfree use. Make sure that the volume is set to an appropriate level. Press the **VOLUME UP** button on the base station to raise the volume level. See also "Playing through the base station loudspeaker" on page 68 for the proper settings.

If I press the R key nothing happens or the call is ended. Why?

If you press the R key a signal is sent to the telephone network or switchboard. You may have selected the wrong signalling method. See "Signalling methods" on page 96 for more information. If you have set hook flash as the signalling method, the hook flash duration may be incorrect. Please refer to "Hook flash" on page 96 for more details.

BUTTONS AND KEYS

On the flap of the cover of this user's guide, you will see an illustration of the handset. The lists below explains the use of the buttons and keys on the handset and base station.

Handset

Key	Function
VOLUME UP and VOLUME DOWN	Earpiece volume louder/quieter.
YES	Make a call or answer a call. Confirm a menu option.
CLR	During call: microphone off. While entering text or a number: delete last letter or digit, delete whole line if held longer. If the handset rings: mute sound, mute ringer and warning sound permanently if held longer. Cancel a menu option, handset goes on standby.
NO/ON/OFF	If held for 1 second: switch handset on. If held for 1 second during standby: switch handset off. If the handset rings: mute sound. End a call. Cancel a menu option.
UP and DOWN	Start menu. Scroll through menu options or lists. While entering text or number: move one character position, move to end or beginning if held longer.
INT	Make an internal call. During an external call: consult another handset.
R	During an external call: transfer a call (if supported).
*	Change case of previous and subsequent letters while entering text. If held for 1 second: insert dial tone pause (-) while entering a phone number.

Base station

Button	Function
VOLUME UP and VOLUME DOWN	Loudspeaker volume louder/quieter during answering machine or base station handsfree use. Ringer louder/quieter.
PAGE	Pressed briefly: page or search handsets. Pressed longer: subscribe a handset. If the base station rings: answer with handsfree. During a handsfree call: end the call.

Button	Function (Continued)	
PLAY	Pressed briefly: play new messages or skip to next message when playing. Pressed longer: play all messages or stop playing messages when playing.	
DELETE ×/①	While playing messages: delete current message or delete all messages if held longer. During standby: switch on answering machine, switch off answering machine if held longer.	

DISPLAY ICONS AND TERMINOLOGY

A number of icons may appear on the handset display. They are shown inside the front cover of this user's guide. The lists below explains what the icons mean and the terminology which may appear on the display.

Icons	Meaning
Signal strength	On: when the handset is connected to a base station. Four vertical bars means good reception and no bars means no connection.
Ring off	On: ring signal muted or microphone off.
Key	On: keys locked.
Hook	On: handset is 'off hook'. Flashes: handset is ringing or a connection is being made.
Message	On: answering machine on. Flashes: messages on the answering machine. Flashes quickly: new message received on the answering machine or in the voice mailbox.
Call Info	On: new unanswered entry in the who called list.
Battery	On: battery charged; blocks indicate the battery level. Flashes: battery almost empty. Flashes quickly: the blocks flash successively; the battery is being charged. The steady blocks indicate the battery level.

Terminology used on display

Term	Meaning
AC	Authentication code.
DTMF	Dual tone multi frequency or touch tone, for dialling.
IPEI	International portable part equipment identity, unique identity assigned to your handset by the manufacturer.

Term	Meaning (Continued)	
PARI	Primary access rights identity, unique identity assigned to your base station by the manufacturer.	
PIN	Personal identification number for security.	

SIGNALS

The handset and the base station signal certain events audibly and visually as described below.

Handset

Signal	Meaning
Red warning light	Incoming call. Message waiting. Battery almost empty. Handset out of range or not connected. Baby phone call interrupted.

The handset also generates audible ring signals, alarm signals and warning tones, and key clicks.

Sound	Meaning
Ring signal	Incoming call.
Alarm signal	4 short beeps every 30 seconds: battery almost empty. 4 short beeps every 2 minutes: handset out of range or not connected.
Key click	You hear this each time you press a key (when selected).
Warning tone	You have pressed a key which has no function.

Base station

Signal	Meaning
Green bottom light	On: charging handset battery.
Red top light	On: external line is engaged. Flashes: incoming external call. Flashes quickly: no connection to external line.
Green top light (only if red top light is off)	On: answering machine is on. Flashes: messages on answering machine. Flashes quickly: new message on answering machine

The base station also generates ring signals, confirmation tones and warning tones.

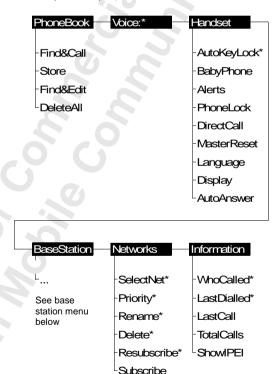
Sound	Meaning
Ring signal	Incoming call.
Warning tone	You have pressed a key which has no function. No next message on the answering machine.
Confirmation	Message or deletion of all messages completed.

MENU STRUCTURE

Several functions of the handset and the base station can be accessed via the handset menus. The charts below give an overview of the top level menu items to help you locate those functions.

Standby menu

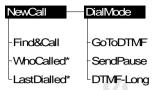
The standby menu is accessible when the handset is in standby mode by pressing **UP** or **DOWN** (see below).



^{*} Available where applicable

"In call" menu

The "in call" menu is accessible by pressing UP or DOWN during a call.



* Available where applicable

Base station menu

The base station menu can be accessed via the BaseStation menu option of the handset's standby menu.



MAINTENANCE

The base station and handset do not contain user serviceable parts. If your base station or handset require service you should return them to the dealer or retailer from whom they were bought. See also "Warranty" on page 119.

Cleaning

Clean the cordless phone with a soft cloth moistened with water only.

The use of soap and other cleaning products can discolour and damage the cordless phone.

TECHNICAL SPECIFICATIONS

DECT/GAP

The cordless phone has the unique advantages of DECT/GAP (Digital Enhanced Cordless Telecommunications/Generic Access Profile). This means that no one can eavesdrop on your calls and that the quality of speech is as good as that of conventional fixed telephones. DECT/GAP enables interoperability with other manufacturers' products.

CE marking

The cordless phone has a CE marking according to the guidelines of the European telecommunications laws 73/23/EEC, 89/336/EEC and 91/263/EEC. The CE marking corresponds to the European marking law 93/68/EEC.

Handset

Power supply

Battery NiMH pack 600 mAh, 3.6 V

Standards and regulations

CE regulations 73/23/EEC, 89/336/EEC, 91/263/EEC and

93/68/EEC

CE marking CE 0344 X

DECT standards CTR6, CTR10, CTR22

Safety standards EN60950 EMC standards ETS 300 329

Maximum environmental values during use

Temperature 0 to +40 °C

Relative air humidity 20% to 75% non-condensing

Dimensions and weight

L x W x H 142 x 54 x 25 mm (excluding antenna and clip)

Weight 143 g (including batteries and clip)

Performance

Battery NiMH, 500 to 1000 charge cycles

Standby time up to 100 hours
Call time up to 15 hours
Charge time 3 hours maximum

Volume

Ring signal Seven step adjustable volume from off to 85 dB (A)

at 30 cm

Earpiece Ten step adjustable

Phone book

Maximum name length 12 characters
Maximum number length 24 digits
Entries 100

External interfaces

Radio connection DECT/GAP, up to 250 mW radiated power during 1

of the 24 time slots

User interface Display with two lines of 12 alphanumeric characters

and 7 icons, keys with text, volume keys on the side.

Accessory connector For battery charging.

Audio accessory.

Features

Menu controlled, predial, difference between internal and external calls, phone book, redial (10 numbers), caller identification (if provided), who called memory (10 numbers), baby monitor, illuminated display, temporarily transmit long DTMF tones, security with PIN code, keys can be locked automatically, access to up to 8 DECT/GAP telephone systems, key click on/off, battery meter, call duration indication.

Base station

Power supply

Standards and regulations

CE regulations 73/23/EEC, 89/336/EEC, 91/263/EEC and

93/68/EEC

CE marking CE 0344 X

DECT standards CTR6, CTR10, CTR22

Safety standards EN60950 EMC standards ETS 300 329

Fixed telephone line According to national telecommunication

connection requirements

Maximum environmental values during use

Temperature 0 to +40 °C

Relative air humidity 20% to 75% non-condensing

Dimensions and weight

L x W x H 144 x 140 x 52 mm (excluding stand)

Weight 270 g (including stand)

Performance

Handset subscriptions

Number of calls 1 external and 1 internal at the same time

Number of messages on 59 messages or up to 15 minutes' recording time,

answering machine whichever is reached first

Volume

Ring signal Six step adjustable volume from off to 85 dB (A) at

30 cm

Loudspeaker Ten step adjustable

External interfaces

Fixed telephone line Analogue subscriber signalling according to local

standard, pulse¹ or tone dialling (DTMF), 3 m tele-

phone line, R key signal, handset units

Radio connection DECT/GAP for 8 handsets, up to 250 mW radiated

power

Power supply 3 m cable between adaptor and base station
Charge connection Proprietary, suitable for this type of handset

This function may not be supported by your telephone network operator.

Installation

Mounting Separately on stand or fixed to wall with wall

mounter

Features

Charging handset battery, built-in digital answering machine, handsfree calling, intercom, pulse¹ or tone dialling (DTMF), transferring calls to another handset, transferring calls on a switchboard (R key signal), three-party calls, call barring, direct call, least cost routing, call budgeting, security with PIN code, adjustable ringing priority, base station ring signal, handset searching, handset subscription.

This function may not be supported by your telephone network operator.

Answering machine features

Voice guidance, three announcements, memo, messages with time stamp information, accessible via base station, handset and external line.

SPARE PARTS AND ACCESSORIES

Use only approved spare parts and accessories. The operation of nonapproved parts cannot be guaranteed and may even cause damage. Contact your dealer for more information.

- Charger XA200 with desk stand and wall mounter.
- Clip for handset.
- · Wall mounter for base station.
- Desk stand for base station.
- Power adaptor for base station.
- Power adaptor for charger.
- Nickel metal hydride battery for handset.
- Battery door for handset.
- · Additional DT200 handset.



WARRANTY

If your Ericsson product requires warranty service you should return the product to the dealer/retailer from whom it was purchased.

In the event of difficulty, details of our authorized service network are available from your local Ericsson subsidiary.

Our warranty

Ericsson warrants this product as being free of defects in material, design and workmanship at the time of its original purchase and for a period of twelve (12) months immediately thereafter.

What we will do

If, during the period of the warranty, this product malfunctions in normal use and service due to defective design, materials or workmanship, Ericsson will repair or replace, at its discretion, the product under the conditions stated hereafter

Conditions

- 1. The warranty will be granted only if the original warranty certificate issued to the purchaser by the dealer is presented, and if the said warranty certificate stipulates the serial number of the purchased product and the date of purchase of the product. Ericsson reserves the right to refuse warranty service if this information has been removed or amended after the original purchase of the product. The original receipt/invoice will only be accepted as a proof of purchase when presented to the dealer from whom the product was purchased.
- The warranty is not applicable in circumstances other than defects in material, design and workmanship. The warranty does not cover the following:
 - Periodic checks, maintenance, repair and replacement of parts due to normal wear and tear, exchange of faulty batteries or upgrading of software due to changes in network parameters.
 - Damage to the product resulting from:
 - Abuse or misuse, including but not limited to the failure to use the
 product for its normal purposes or in accordance with Ericsson's
 instructions for use and maintenance of the product, or the installation or use of the product in a manner inconsistent with the technical or safety standards in force.
 - Repairs performed by non-authorized service workshops or opening of the unit by a non-authorized person.

- Accidents, acts of God or any cause beyond the control of Ericsson, including but not limited to lightning, water, fire, public disturbances and improper ventilation.
- 3. This product will not be considered defective in materials, design or work-manship if it needs to be adapted, changed or adjusted to conform to national or local technical or safety standards in force in any country other than that for which the product was originally designed and manufactured. This warranty shall not reimburse such adaptations, changes or adjustments, or attempts to do so, whether properly performed or not, nor any damage resulting from them, nor any adaptation, change or adjustment to upgrade the product from its normal purpose as described in the product manual without the prior written consent of Ericsson.
- 4. Repair or replacement under the terms of this warranty shall not give a right to an extension to, or a new commencement of, the period of warranty. Repair or replacement under the terms of this warranty may be fulfilled with functionally equivalent reconditioned units. Exchanged parts or components will become the property of Ericsson.
- 5. This warranty does not affect the purchaser's statutory rights under applicable national legislation in force, nor the purchaser's rights against the dealer arising from the sales/purchase contract.
 In the absence of applicable national legislation this warranty will be the purchaser's sole and exclusive remedy. Ericsson, its subsidiaries and distributors shall not be liable for any incidental or consequential damages for breach of any express or implied warranty relating to this product.

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Telephoning

Switching handset on and No for 1 second, No for 1 second again

Making an external call

YES, dial number

Making an internal call

INT, dial internal number

Making a call to the answering machine INT. 9

Making a call to the handsfree phone

INT. 0

Pre-dial

Answering a call

Dial number, YES

YES

Put on hold and then ...

INT, dial internal number

... transferring a call NO ... back to external caller INT 3 ... three-party call

Call by name

Select PhoneBook, YES, Find&Call, YES, enter initial letter(s), YES, UP or

DOWN, YES

Quick call by name

Enter initial letter(s), UP or DOWN, YES

Switching microphone off

Tone dialling (temporarily)

Select DialMode, YES, GoToDTMF, YES

Long tones (temporarily)

Select DialMode, YES, DTMF-Long, YES

Enable keys

Memory

Redial Last called number: press and hold YES, YES

UP or *, YES

1 of the last 10: press and hold YES, UP or DOWN, YES

Returning a call

Select Information, YES, WhoCalled, YES, UP or DOWN, YES

Volume

Adjusting volume

VOLUME UP or VOLUME DOWN

Switching off ringer

CLR

Switching off alarm

CLR for 1 second

Menu

Activate menu Select option

UP or DOWN

Confirm option

UP or DOWN

Cancel option

NO or CLR

YES

C€ 0344 X

