

User's Guide
Cordless Phone
230i

ERICSSON 

User's Guide

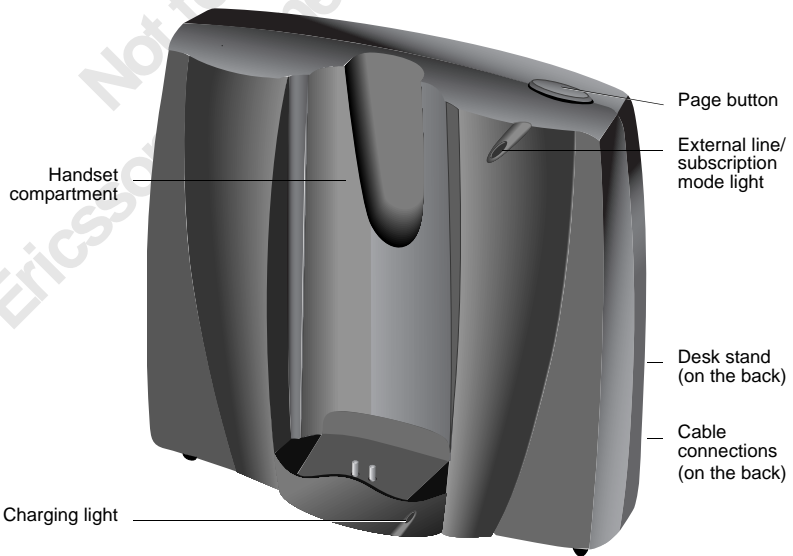
Cordless Phone 230i

Not for Commercial Use
Ericsson Business Mobile Networks BV

HANDSET



BASE STATION



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Standards and regulations

- The base station BS230i complies with: RTTE directive 99/5/EC, EMC directive 89/336/EC, LVD directive 73/23/EC.
- The DT200 handset complies with: TTE directive 91/263/EC, EMC directive 89/336/EC, LVD directive 73/23/EC.

Environmental policy

Ericsson will contribute to the sustainable development of global society by developing, producing and offering low environmental impact products and services that also allows customers to reduce their environmental impact. This means that we shall:

- Increase knowledge and consciousness about environmental issues among all employees to a level where it becomes a natural and pro-active part of the everyday decision-making process.
- Base our environmental knowledge on scientific grounds and use life cycle assessment techniques as a guide and a basis for communicating environmental issues.
- Introduce and maintain certifiable environmental management systems within all organizations that have any significant influence on the environmental impact from processes, products or services.
- Meet or exceed legal requirements to protect the environment and use designing for the environment as a means to introduce environmentally improved processes, products and services.
- Involve suppliers in our on-going work to improve environmental performance.
- Where appropriate support and participate in environmental research relating to our field of interest and actively participate in international harmonization of environmental standardization.

Getting started

PREPARING FOR USE

About ISDN

This cordless phone is suitable for use with Euro-ISDN. ISDN, which stands for Integrated Services Digital Network, integrates the simultaneous transmission of speech and data. With Euro-ISDN you have access to two digital telephone lines. This makes it possible, for example, to have two telephone conversations at the same time or to have an ISDN internet connection with your computer on one line and still be able to make and receive telephone calls on the other line.

ISDN comes with several telephone numbers (network operator and subscription dependent), making it possible to reserve a phone number for instance for business calls and another number for private phone calls (see "Multiple Subscriber Numbers (MSN)" on page 20 for more information). The ISDN services described in this manual are operator and subscription dependent.

Installation

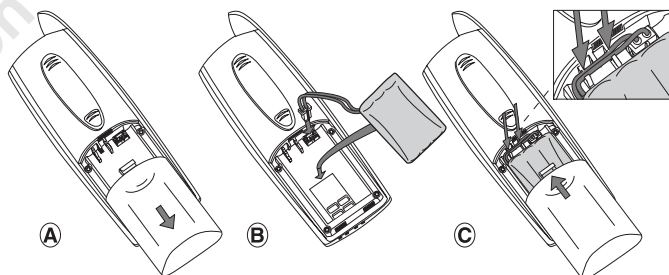
You can install the cordless phone directly to the ISDN network terminal, which may also have other devices attached, such as an ISDN modem or a fax machine.



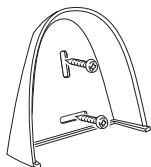
Warning *Make sure the local mains voltage corresponds to the voltage on the power adaptor. Only use the power adaptor that comes with the set.*

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

1. Insert the battery in the handset.

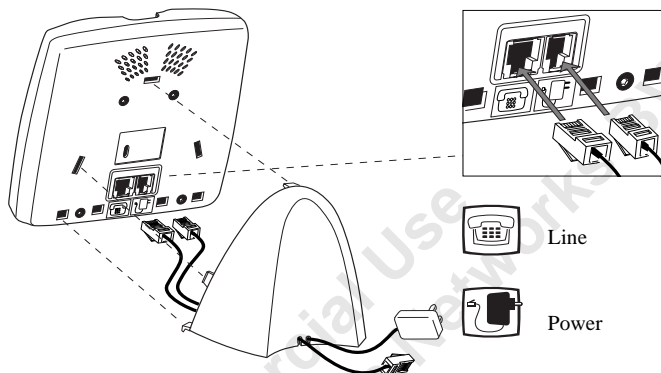


2. Find a suitable location for the base station. To make the best use of its operating range, put your base station in a central position. You can place it on a table using the desk stand or mount it on the wall using the wall



mount. Due to possible interference, do not place the cordless phone near audio or video equipment.

3. If you place the base station on a wall, screw the wall mount to the wall.
4. Connect the telephone cable to the base station's telephone socket and to the ISDN network terminator. Connect the power cord to the power plug socket of the base station.



5. Connect the desk stand to the base station or connect the base station to the wall mount. Locate the lower hooks first. For the desk stand, route the cables through the slots at the back.
6. Place the handset into the base station as shown in the illustration. Make sure that the handset is switched off.
7. Plug the power adaptor into the wall socket. The red light on top of the base station should now be on continuously. If you see a red, flashing light, there is a fault with the telephone line connection. After a few minutes the handset will subscribe itself to the base station and the red light on the top of the base station will go off.
8. Leave the handset in the base station for at least 3 hours to charge the battery for the first time.

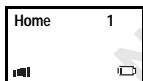
When the battery is charged, the handset is ready for use. For more information about charging the battery, please refer to "Battery" on page 9.

If subscription fails

Normally the handset automatically subscribes to the base station when the cordless phone is installed. However if automatic subscription fails (the signal strength indicator is not visible in the display), you have to manually subscribe the handset to the base station see "Subscribing a DT200 handset to the 230i base station" on page 29.

Language

At this point you may wish to change the language of your handset.



>Handset
↳Language



To change the handset menu language:

1. Press **CLR** the handset returns to the standby display.
2. Go to the **Handset** menu using the **UP** or **DOWN** key and press **YES**. Using the **UP** or **DOWN** key again, go to the **Language** option and press **YES** to confirm. Select the language of your choice from the list and press **YES**.

Note if you need more information on how to use the menus please refer to “Using the menus” on page 8.

Important. It is important to make a note of the IPEI code. You may need it to reset the handset’s PIN code. The IPEI code can be found on a label on the handset packaging. You can write down the IPEI code in the space provided in “IPEI code handset” on page 24.

We also recommend that you change the PIN code of the base station immediately after installing the cordless phone. See “Changing the base station PIN code” on page 23 for more information.

A BRIEF GUIDE

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

Switching on. Before you can use the handset you must first switch it on.

To switch the handset 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.

Making a first call. Check that the cordless telephone is installed correctly by dialling a person you know.

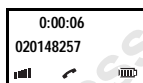
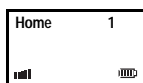
To make a call:

1. Dial the number of the person you want to call using the number keys and press **YES**.
A red light appears on the top of the base station.
2. Wait for an answer and on completing your call, ask the person to call you back.
3. Press **NO** to end the call.

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. To end the call, press **NO**.



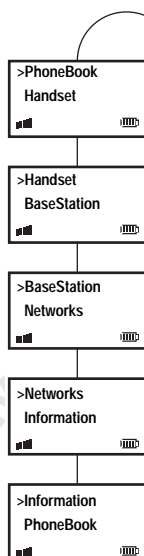
USING THE MENUS

The cordless phone can be operated via menus in the handset, which are arranged in loops. 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.

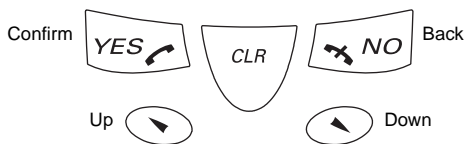
When scrolling through the menu you can return to the standby display or previous menu by pressing **NO** once or repeatedly, at any time.

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

Note *The handset makes use of “dynamic” menus, which means that some menu options may change name or are only visible when applicable.*



Navigation keys.



Cancel menus. *You can cancel any operation:*

- Press **NO** once or repeatedly.
The handset returns to standby.

Menu operation. The topic that follows (“Adding a name and number as an example”) shows you how the menus work. For adding a name and number, every step of the procedure is given in detail. For all other procedures, it is assumed that you know your way around the menus. This guide only tells you what menu option to select for a specific function.

To help you locate the menu options, a route through the menus is given in the margin. These routes show you what menu options to select in sequence in

>PhoneBook
↳Store
↳AddNew

↳AddLastDial

>PhoneBook

↳Store

>AddNew

order to get to a specific function. In most cases, the next menu option is not immediately visible so you have to use the **UP** or **DOWN** key to locate it.

If a route through the menus is the same as the previous route except for the last menu option, this will be indicated as shown here in the margin. See also “Menus” on page 36 for a menu overview.

Adding a name and number as an example. You can use the **AddNew** option to enter names and numbers in the phone book.

To add a new phone book entry:

1. Use the **UP** or **DOWN** key to scroll to **PhoneBook** and press **YES**.
2. Use the **UP** or **DOWN** key again scroll to **Store** and press **YES**.
3. Scroll to **AddNew** and press **YES**.
4. Use the number keys to enter the name. 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 then press **YES** to confirm.
5. Correct the name if necessary. To delete a letter, press **CLR** or, if you want to clear the entire name, press **CLR** for one second. These keys work in the same way when you enter numbers.
6. Enter the telephone number and press **YES** to confirm.

BATTERY

The handset is powered by a rechargeable Nickel Metal Hydride (NiMH) battery.

Charging the 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 how much power is left in the battery. You will hear a warning sound if there is less than 15 minutes’ calling time left. To keep the battery fully charged, you can leave the handset in the base station without any problem.

Changing the battery. Under normal conditions the handset battery will last at least a year. When the standby time for the handset becomes too short, you should replace the battery. Please contact your dealer or retailer for more information.

Warning *Only use batteries as specified in “Spare parts and accessories” on page 38.*

The battery does not contain cadmium and is therefore more environmentally-friendly than other rechargeable batteries. However, all batteries should be disposed of properly.

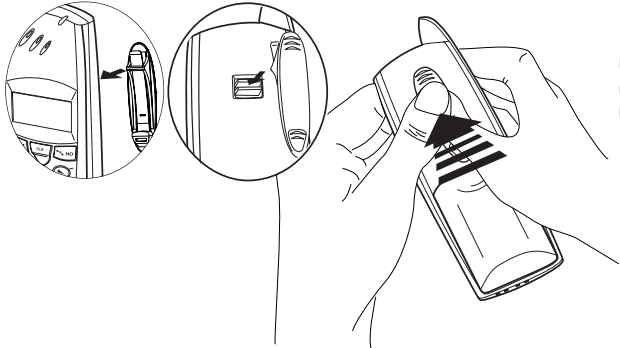


ATTACHING AND REMOVING THE CLIP

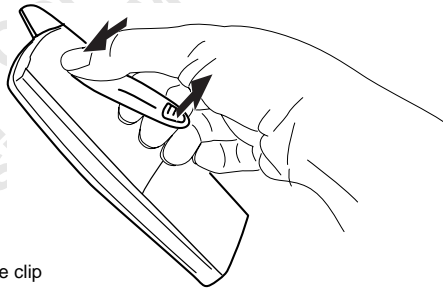
The handset has a clip which you can use to attach the handset to your clothes. **Do not press on the display!** See the drawings below.



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



Attaching the clip



Removing the clip

Basic use and settings

TELEPHONING

Making a call

To make a call:

1. Enter the number.
The number is displayed.
2. 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.

Note *When you dial a number and that number is forwarded, you see the number to which you are forwarded in your display. This is called COLP (Connected Line Identification Presentation) and is network operator dependent. See "Restricting your telephone number from being sent" on page 21 for more information.*

Receiving a call

When the handset rings:

1. Press **YES** to answer the call.
2. Press **NO** to end the call.

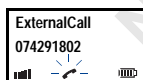
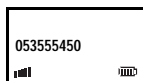
Sometimes the handset rings at an inconvenient moment. Press **NO** to mute the ringing. Press **YES** if you still want to answer the call.

Caller identification. ISDN provides calling line identification. This means that in case of an incoming call, the caller's phone number is displayed. If the caller's number is included in your handset's phone book, the corresponding name is displayed instead.

Making a 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. There are several ways to access the phone book as described below. To add names and numbers to the phone book, see "Phone book" on page 14.

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



Calling by name:

1. Select **Find&Call** and press **YES**.
2. Press the key which has the first letter of the name you are searching for. Press once for the first letter of that 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.
3. Correct the name if necessary (**CLR** = delete; **DOWN** key = move left; **UP** key = move right) and 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.
4. If necessary scroll until you find the right name and press **YES** to dial the number.

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

To use quick call by name:

1. 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 that particular key, press the key again, without holding it down. For the third letter, press the key again and so on.
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.
2. You can now enter more letters as in step 1, or scroll until you find the right name and press **YES** to dial the number.

Example:

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

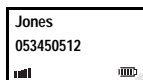
Redialling

The last ten numbers you dialled are available for redial.

To dial one of the ten last dialled numbers:

1. 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 the number appears in the phone book, the name is shown instead.
2. Scroll until you have the right number or name.
Press **YES** to dial for an external number or **INT** for an internal number.

If you press **CLR** instead of **YES** or **INT** for an internal number, you can edit the number before dialling.



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

When you switch off your handset, the last dialled numbers are erased. To store the last dialled numbers in your phone book. See “Adding last dialled and a caller’s number” on page 15.

Returning a call

Unanswered calls with caller identification, are 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.

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

To return one of the last ten calls received:

1. Select **WhoCalled** and press **YES**.
A list of numbers appears. 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 the handset are marked with the letter **A**.
2. Scroll until you have the right number or name.
3. Press **INT** to dial an internal number and **YES** to dial an external number.
The number is removed from the who called memory and stored in the last dialled memory.

Note *If you press **CLR** instead of **INT** or **YES**, you can edit the number before dialling.*

When you switch off your handset, the who called list is erased. You can store the who called numbers in the phone book. See “Adding last dialled and a caller’s number” on page 15.

Making an emergency call

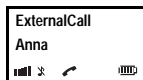
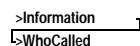
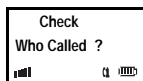
Your handset is equipped with an emergency call feature. This allows you to call the emergency services even when the handset is blocked or direct call is on. The emergency numbers available with this feature are 112 or 999. Check which emergency number is for your country.

Turning off the microphone

During a call you may want to talk to someone else, without the caller hearing.

To switch the microphone off:

- Press **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



- Press **CLR** briefly.
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 **NO** when the handset rings.
The ring off icon appears.

The call is still there, only the ringer has been muted. The warning light and hook icon keep flashing. Press **YES** if you still want to answer the call.

To turn the ring and warning sound off or on:

- Press **CLR** while in standby mode.
The ring off icon appears when the ring and warning sound are switched off.

If for example you hear a low battery warning and you press **CLR** 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 19.

PHONE BOOK

About the phone book

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

Entering numbers. When you enter a phone number, there are a few things that might be useful to know.

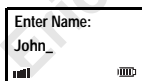
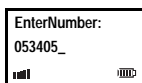
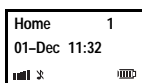
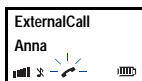
While entering a phone number, you can press **UP** to move the cursor to the left or press **DOWN** to move it to the right. You can also “jump” to the far left or right by pressing **UP** or **DOWN** respectively for one second. If you want to delete a digit, press **CLR** or, if you want to clear the entire number, press **CLR** for one second. These keys work in the same way when you enter names.

In certain situations you may need to insert a pause in a number to wait for the dial tone. If so, press ***** for one second. A dash marks the pause.

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 special characters or to enter a digit, press the same key a few more times.

For example: to insert **Å** 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.

Tip If you want a different letter to the one currently shown, you can erase the letter with the CLR key and then enter the correct letter.

Press the corresponding key this many times for the character													
Key	1	2	3	4	5	6	7	8	9	10	11	12	13
1	-	?	!	,	.	:	"	'	()	1		
2	A	B	C	À	Ä	Æ	À	Á	Â	Ã	Ç	2	Γ
3	D	E	F	È	É	Ê	Ë	3	Δ	Φ			
4	G	H	I	Ğ	İ	Í	Î	Ï	4				
5	J	K	L	5	Λ								
6	M	N	O	Ñ	Ö	Ø	Ò	Ó	Ô	Õ	Œ	6	
7	P	Q	R	S	ß	Ş	7	Π	Σ				
8	T	U	V	Ü	Ù	Ú	Û	8					
9	W	X	Y	Z	Ý	ÿ	9						
0	0	+	&	@	/	\$	%	£	€	Ξ	Ψ	Ω	
#	#	*											



Note Depending on the selected menu language, the character order may differ. For example when Greek is selected, Greek characters have precedence over less frequently used characters.

Adding a name and number

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

To add a number to the phone book:

1. Select **AddNew** and press **YES**.
2. Enter a name and press **YES** to confirm.
3. Enter the telephone number and press **YES** to confirm.

Adding last dialled and a caller's number

The last ten numbers dialled can be added to the phone book.

To add a number from the call list:

1. Select:
 - **AddLastDial** to add one of the last dialled numbers and press **YES**.
 - **AddWhoCall** to add a caller's number and press **YES**
2. Scroll through the list of numbers until you find the number you want to store and press **YES**.
3. Edit the number if necessary and press **YES** to confirm.
4. Enter a name and press **YES** to confirm.

Changing names and numbers

Use the **Edit** option to change the names and numbers in the phone book. You can correct a misspelled name or give a new name to an existing telephone number.

>PhoneBook
 ↳Store
 ↳AddNew

>PhoneBook
 ↳Store
 ↳AddLastDial

↳AddWhoCall

>PhoneBook
↳Find&Edit
↳Edit

To change a phone book entry:

1. Select **Edit** and press **YES**.
2. Enter the first letter(s) of the name you are searching for and press **YES**.
3. If necessary scroll to find the name, press **YES** again.
4. Correct the name using the number keys if necessary, press **YES** to confirm.
5. If necessary correct the number using the number keys, press **YES** to confirm.

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:

1. Select **Delete** and press **YES**.
2. Enter the first letter(s) of the name you are searching for and press **YES**.
3. If necessary scroll to find the name, press **YES** to confirm.

>PhoneBook
↳Find&Edit
↳Delete

ADVANCED TELEPHONING

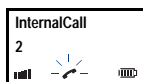
Making and receiving an internal call

To make an internal call:

1. Dial the internal telephone number and press **INT**.
2. Press **NO** to end the call

To receive an internal call:

1. Press **YES** to answer the call.
2. Press **NO** to end the call.



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

Device	Internal number
Handset 1 - 8	1 - 8
All handsets	*

Internal or external call? When you receive a call, there is a different ring signal for internal and external calls. 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 and melodies" on page 20.

Searching for handsets or people

The cordless phone can search for handsets and any handset user on the base station. You can call all other handsets using your handset.

To use the search function:

1. Press the * key and press **INT**.
All handsets connected to the base station will 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 base station, **Page Call** appears. Press **YES** to answer the call. The first to answer is connected.

Paging a handset from the base station. You can also search for or page handsets from the base station by briefly pressing the **PAGE** button. To stop the paging, press briefly the **PAGE** button on the base station or **YES** and then **NO** on a handset.

Receiving a second call (call waiting)

If this function is turned on, when you are engaged in a call and another call comes in, you are notified by two short beeps in your earpiece at regular intervals.

When a second call is waiting you have the following options:

- Press the **R** key to switch to the other call.
The first call is now on hold.
You can use the **R** key to switch back and forth between the calls.
Or
- Press the **YES** key to switch to the other call.
The first call is terminated.

To set the call waiting function:

- Use this path to turn the call waiting function on or off.

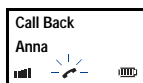
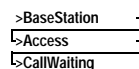
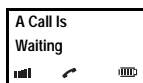
Transferring a call or consulting with another handset

The cordless phone allows you to transfer an external call to another handset. It is also possible to consult with another handset before transferring the call or switching back to the external call.

Transferring a call to another handset. *You have an external call and want to transfer it to a person using another handset*

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 to call.
If you hear the handset ring, go to step 3
If you hear a congestion tone, the handset is out of range or otherwise engaged. return to the first call by pressing **INT**.
3. You now have four options:
 - Wait until the call is answered. You can now switch back and forth by pressing **INT**.
 - If the call is not answered, return to the external call by pressing **INT**.
 - Transfer the external caller using **NO**.
 - Continue the call after it has been answered as a three-party call by pressing **3**.

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



You can select a different ring signal when being called back by the base station. For more information, please read “Ringer tones and melodies” on page 20.

Involving an external party. *You have an external call and want to consult with another external party:*

1. Press the **R** key to put the external call on hold.
You hear the dial tone.
2. Dial the number for the external party.
If you hear the handset ring, go to step 3
If you hear a congestion tone, return to the first call by pressing the **R** key.
3. You have three options:
 - Wait until the call is answered. You can now switch back and forth by pressing the **R** key.
 - If the call is not answered, return to the external call by pressing the **R** key.
 - Continue the call after it has been answered as a three-party call by pressing **3**.

Making a three-party call

You can have a three-party call with two external parties or with one external party and one internal party. A three-party call is also known as a conference call.

Involving another handset. *You are engaged in an external call and you wish to involve an internal party.*

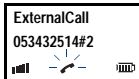
1. Press **INT** to put the external call on hold.
You hear the dial tone.
2. Dial the internal number.
If you hear the handset ring, go to step 3
If you hear a congestion tone, return to the first call by pressing the **INT** key.
3. Wait for a connection.
4. Press **3** to connect all parties.

Involving an external party. *You are engaged in an external call and you wish to involve another external party.*

1. Press the **R** key to put the external call on hold.
You hear the dial tone.
2. Dial the external number.
If the handset is free, you hear it ring, go to step 3.
If the number you dialled is not available or engaged, you hear the busy tone. Return to the original call by pressing **R** again.
3. Wait for a connection.
4. Press **3** to connect all parties.

Note To make a three-party call with two external parties the second ISDN telephone line must be available. Only one conference call at a time is possible. No other calls can be accepted while the conference call is active.





When using more than one handset

If you are using more than one handset with the base station you can give all handsets different telephone numbers or up to two handsets the same telephone number. By giving the handsets different telephone numbers a particular handset can be called by its own telephone number. This makes it easy, for example, to keep private phone calls and business phone calls separate. All handsets will then ring according to the ringing order (see “Ringer” on page 21) when a call is received.

Calling a particular handset. *There are two ways of calling a particular handset:*

- Give each handset its own telephone number (see “Multiple Subscriber Numbers (MSN)” on page 20).
Or
- A caller can also call a particular handset on the base station even when two handsets have the same telephone number. You can call a particular handset by dialling the telephone number followed by # and the handset’s internal number (operator dependent). Contact your network operator for more information.

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 the keys are pressed down.

>DTMFLong

To switch the handset to long tones during a call:

- Select **DTMFLong** and press **YES**.
The handset switches to long tones for the duration of the call.

>DTMFShort

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

- Select **DTMFShort** and press **YES**.
The handset switches to short tones again.

PERSONALISING THE HANDSET

Language

You can change the language of your handset

1. Press **CLR**.
The handset returns to the standby display.
2. Go to the **Handset** menu pressing the **DOWN** key 2x and press **YES**. Press the **UP** key 3x and press **YES** to confirm. Use the **UP** or **DOWN** key to scroll to the language of your choice and press **YES**.

Ring volume

You can adjust the handset’s ring volume via the menus.

>Handset

↳Language

>Handset

↳Alerts

↳RingVolume

↳ RingType

Ringer tones and melodies

You can change the ringer tone for each call type to a different sound or a pre-programmed melody using the **RingType** menu option. For each ring signal type, you can choose from four ringer tones or six melodies.

↳ DiscreetRng

Discreet ringing

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

↳ KeySound

Key click

You can hear a key click each time you press a key. This feature can be switched on and off.

> Handset

↳ Display

↳ Light

Display light

Your handset has an illuminated display which lights up when a key is pressed, when a call is received or when it is placed in or taken out of the base station. The illumination automatically goes off when no keys have been pressed for a while.

↳ Contrast

Display contrast

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

↳ MasterReset

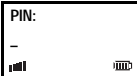
Clearing all handset settings

You can clear all settings on the handset simultaneously. The menu language, however, remains unchanged. All handset settings revert to their default settings.

PERSONALISING THE BASE STATION

Changing settings (PIN code)

If your handset is connected to the base station, you can change the base station's settings using the handset. You may have to enter the base station PIN code to change these settings. For the default base station PIN code, see page 23. 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 23.



Multiple Subscriber Numbers (MSN)

With Euro-ISDN you are given up to 10 telephone numbers (operator dependent). Each one of these telephone numbers, also called multiple subscriber numbers, or MSNs, can be assigned to different handsets or other devices such as a computer modem or fax machine. Assigning different MSNs to individual handsets allows you to keep for instance business and personal calls separated. You are able to assign the same MSN to a maximum of two handsets.

> BaseStation

↳ Basic

↳ PhoneLine

↳ PhoneNumber

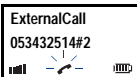
Note When assigning MSNs all handsets will still ring unless you change the ringing order. See "Ringing order" on page 21 for more information.



↳ SUB

Presenting the handset's internal number to the receiving party

You can send the internal number of your handset to the person you want to call as part of the calling line identification. Go to the **SUB** menu to turn this feature on or off. This feature is operator dependent.



>BaseStation]
↳Basic]
↳PhoneLine]
↳CLIR]
↳COLR]

Restricting your telephone number from being sent

When you make a phone call your telephone number is normally sent to the person you are calling. With the **CLIR** (Calling Line Identification Restriction) menu option you can prevent this information from being sent.

With the **COLR** (Connected Line identification Restriction) menu option you can prevent a calling party seeing your phone number when you answer the call.

Ringer

The base station rings when an external call is received. You can adjust the ring volume via the menu.

>BaseStation]
↳RingVolume]

Ringing order

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

Setting the ringing order. Using a handset, you can program the order in which the handsets ring. You are given 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 handsets at the same time (default).

As soon as you assign a telephone number (MSN) to a handset, you may want to change the ringing order to **One**, or **One, Rest**. **One** in this case stands for all handsets with the same telephone number.

Note *The base station will always ring to any assigned telephone number.*

Setting the ring delay. You can also set the number of rings after which the next handset starts to ring.

Auto divert

The auto divert feature means you can 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 any period of time, calls can be routed to a GSM phone or a voice mailbox, for instance.

If this feature is on, 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 or retailer for more information on the call diversion service.

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

Setting the priority phone for auto divert. To be able to set a priority phone for auto divert, a MSN (see "Multiple Subscriber Numbers (MSN)" on page 20

>BaseStation]
↳Basic]
↳RingOrder]
↳Priority]



↳Delay]

>BaseStation
↳PriorityNo
↳AssignNo

for more information) has to be assigned to that handset. Use menu option **PriorityNo** to set a handset as a priority phone.

Setting a handset as priority phone and setting the diverted telephone number:

1. Select **PriorityNo** and press **YES**.
2. Enter the PIN code for the base station (see page 23) and press **YES**.
3. Select **AssignNo** and press **YES** to confirm.
DeviceNo: is displayed, if a priority phone has already been set, its internal number can be seen instead.
4. Enter the telephone number of the handset you want to assign as priority phone and press **YES** to confirm.
Either **EnterNumber:** or **Handset not known** is displayed. In the latter case, a non-existent handset number has been entered.
5. Enter the telephone number to divert to and press **YES** to confirm.

Deactivating the auto divert. Follow the same procedure described above but leave the space for DeviceNo: empty then press **YES** to confirm. The auto divert has now been deactivated

Single or multi-cell mode

This function (**CellMode**) is reserved for future use. it is recommended that you leave the cordless phone in single-cell mode unless otherwise specified.

Clearing all base station settings

You can clear all settings on the base station simultaneously. The PIN code and the subscriptions, however, are not cleared. All settings revert to default.

↳MasterReset

PIN CODES AND BLOCKING HANDSET KEYS

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 will no longer work and a key symbol is displayed.

>Handset
↳AutoKeyLock



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 "Making an emergency call" on page 13.

Protecting the handset against unauthorized use

You can set the handset so that the handset PIN code must be entered after switching it on. This feature is off by default. For the handset PIN code, see "Overview of PIN and other codes" on page 23.

>Handset
↳PhoneLock
↳PowerOn

You can also secure your handset against someone adding or deleting subscriptions.

↳Subscript

Changing the handset PIN code

The handset is initially provided with a pre-set PIN code (0000). You should change this PIN code to a personal PIN code to prevent misuse.

↳ChangePIN

>Information
↳ShowIPEI



>BaseStation
↳Basic
↳ChangePin

You can write down the new PIN code in the space provided in “Personal handset PIN code” on page 24.

Resetting the handset PIN code

If your handset is blocked because an incorrect PIN code has been entered three times. Press **YES**. You will see **Backdoor**: in your display. Enter the IPEI code (see “Showing the IPEI code” on page 23) to unblock the handset.

If the handset is locked, you can still make an emergency call without first unblocking the handset PIN code. See “Making an emergency call” on page 13.

Showing the IPEI code

You may need the International Portable part Equipment Identity (IPEI) number of your handset to reset the handset PIN code when the handset is blocked. The IPEI code is a unique code which has been assigned to the handset. The IPEI code can be found on the handset packaging or in the handset’s menu and should be written down in the space provided in the “IPEI code handset” on page 24.

Note *Contact your dealer if you can’t retrieve your IPEI code.*

Changing the base station PIN code

Vital settings on the base station are secured by a PIN code to prevent access by unauthorized people. 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 with your handset. For the base station PIN code see “Overview of PIN and other codes” below.

You can write the new PIN code in the space provided in “Personal base station PIN code” below.

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 can no longer alter the base station’s settings. After entering the PARI code, the base station PIN code is reset to the default code (1111).

Overview of PIN and other codes

The handset and base station use several identification codes for security reasons. The table below gives an overview of these codes.

Code	Value	Backdoor code
Handset PIN	0000 (default)	IPEI
Base station PIN	1111 (default)	PARI
International Portable part Equipment Identity (IPEI)	Unique identity assigned to your handset by the manufacturer. See the handset packaging.	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.

Personal handset PIN code

Personal base station PIN code

IPEI code handset

Not for Commercial Use
Ericsson Business Mobile Networks BV

Extra features

BABY MONITOR

You can use your handset as a baby monitor. This means you can remotely listen to the sounds in a baby's room.

The handset being used as the baby monitor automatically makes a call to another handset if this feature is activated. The handset mutes the ringer and earpiece so 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 monitor call.

If the baby monitor call is interrupted, the handset displays **BabyCallLost Reactivate?** and the warning light stays on continuously. If this happens, you can press **YES** to re-establish the baby monitor call. You can press **NO** to end the baby monitor call. If the baby monitor call is established, the other end hears a confirmation beep every 30 seconds.

If the battery in the handset is low, the low battery warning sound will be heard at the observer's end to warn that the battery needs charging.

Baby phone activation

When you use the handset as a baby monitor, place it somewhere in the baby's room where sounds can be easily picked up.

Destination number

Select **SetPhoneNo** and enter the internal number of the handset to be used by the observer.

Information tone

If the baby monitor call is switched on, the observer hears an information tone every 30 seconds to confirm that the baby phone is active. You can switch off the information tone if needed.

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 phone number is always immediately dialled.



>Handset
↳BabyPhone
↳Activate

↳SetPhoneNo

↳InfoTone

>Handset
↳DirectCall






↳DirectCall

>BaseStation
↳Basic
↳CallInfo

>BaseStation
↳Access
↳Budget

>Information
↳CallBudget

CalledNumber
Is Barred
  

Switching on

To activate direct call

1. 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 already been set, this is shown in the display.
3. Enter the direct call number with the number keys, press **YES** to confirm.

Note *Direct call switches off the automatic key lock. For information about automatic key lock, see “Blocking handset keys” on page 22.*

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 “Making an emergency call” on page 13.

Switching 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.

COST MANAGER

The base station is equipped with a call budgeting feature, which you can use to set the amount of time or money 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 27).

If a particular handset has gone over its budget, a congestion tone is heard and **No Budget** appears in the display when an external call is attempted.

Call budget type

Time or money can be budgeted depending on the budget type setting.

Call budgets

You can set a budget for a particular handset or, if the budget is exceeded, grant a new budget. If you set the budget for cost, your network must support “Advice Of Charge at End of call”. The cost of the call is passed on at the end of the call. Contact your network operator for more information.

Remaining budget

You can easily check the remaining budget of your handset. 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.

Call barring

You can prevent certain numbers from being called from a handset by blocking those numbers in the base station.

If you call a blocked number, the line gives a congestion tone.

Some telephone numbers, such as emergency numbers, cannot be barred. 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 or retailer for more information.

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

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

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 select the operator without having to change your phone numbers.

The least cost routing function replaces the prefix of a telephone number with digits to select the other operator. For instance, if the telephone number begins with 00, it can be substituted by 1600 to select the other operator.

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

Tip *You can bypass this feature if you go off hook first and then dial the number.*

Call statistics handset

Your handset can tell you how long your last external call was.

Your handset can also display the total time of all external calls made on that handset.

Call statistics base station

Your base station can show the total time of all external calls made.

The base station can do the same for the total costs of all external calls made.

VOICE MAIL NOTIFICATION

In some telephone networks, callers can leave a message in a voice mailbox if they cannot reach you. Voice mail services normally answer calls after a given number of rings. You can have the cordless phone notify you that someone has left a message in your voice mail box.

>BaseStation

↳Access

↳Barring

↳BarredNo

↳ExemptedNo

>BaseStation

↳Routing



>Information

↳LastCall

↳TotalCalls

>BaseStation

↳Information

↳TotalDuration

↳TotalCosts

Home 1

01-Dec 11:32



You will be notified by a rapidly flashing message icon on the handset if a message has been left in your voice mailbox. You can then conveniently dial the service number of your voice mailbox using the **Voice:** menu option.

Checking for voice mail messages

When the message icon on the handset flashes, you can check for voice mail messages by selecting menu option **Voice: x** (x is the number of messages) and pressing **YES** twice.

Switching on and off

Voice mail notification can be switched on or off. When you switch it on, the voice mail service number has to be entered. Ask your dealer or retailer for more details about the voice mail service.

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

CONNECTING HANDSETS TO BASE STATIONS

Using base stations

Before you can connect to a base station, your handset must be subscribed to that base station. 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 on which it can be called by another handset.

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

- You are out of range.
Check that the base station is on and that you are within range. 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 30).
- There is no access to the selected base station.
The handset is not able to connect. Subscribe the handset to the base station again.
- There is no subscription with that base station or the subscription has been cancelled.
You must subscribe the handset to the base station before you can connect (see “Subscribing” below).

Subscriptions. A handset may be subscribed to up to eight base stations. 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 30.

>Voice: x

>BaseStation

>VoiceMail



No Network






No Access






>Networks
↳Subscribe

Enter AC: 

Home 2
01-Dec 11:32
 

>Networks
↳Subscribe

Enter AC: 

Subscribing

It is possible to subscribe the handset manually to the 230i base station. It is also possible to subscribe the DT200 handset to a base station other than the 230i base station and even to subscribe a different handset to the 230i base station. The three different types of subscribing are described below.

Subscribing a DT200 handset to the 230i base station. To subscribe a handset you need the base station PIN code. This PIN code is secret and prevents other handsets from 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.

Note *If no language has been selected then the text is displayed in English. The text language may change when the handset is successfully subscribed for the first time.*

To subscribe a DT200 handset to the base station:

1. Press the **PAGE** button on the top right side of the base station for at least two seconds.
The base station now remains in subscription mode for five minutes.
2. Select **Subscribe** and press **YES**.
Enter AC: or **Enter PIN:** is displayed.
3. If **Enter PIN:** is displayed, enter the PIN code for the handset (see "Overview of PIN and other codes" on page 23).
Enter AC: is displayed.
4. Enter the PIN code for the base station (at delivery the PIN code is 1111, see also page 23).
5. Press **YES** to confirm.
Subscribing is displayed.
6. Wait until **Subscription Ready** is displayed for a short time.
The handset is now connected to the base station. You can see its internal phone number on the right-hand side of the display.

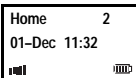
If the following message is displayed, try to subscribe again:

- **Subscription Failed:** the base station PIN code you have entered may be incorrect, or the base station already has eight handset subscriptions. To add a handset you have to delete the subscription of another handset. See "Deleting a subscription on the base station" below for more details.

At this point you may wish to change the menu language of the handset. See "Language" on page 19 for more details.

Subscribing to a different base station. *To subscribe your handset to a base station other than the 230i:*

1. Select **Subscribe** and press **YES**.
Enter AC: is displayed.
2. Enter the authentication code or the PIN code of the base station.
Each digit that you enter is shown as * for security reasons.



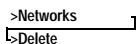
3. Press **YES** to confirm.
Press <Page> base station is displayed briefly and then **Subscribing** appears.
4. Ensure that the base station is ready to subscribe as indicated in the appropriate base station manual. For example, for the cordless phone 230i base station you have to press **PAGE** for at least three seconds.
5. 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 base station PIN or authentication code you have entered may be incorrect, or the base station cannot add another subscription.

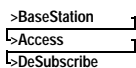
Subscribing another handset type to the base station. Your base station functions can be fully utilized when used in combination with a DT200 handset. If it is used with another type of handset, there are a few functions that will not work.

Please refer to the appropriate handset manual 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 three seconds. The red light on the top of the base station will then be on. The base station will remain in the subscription mode for about 5 minutes.



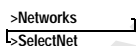
Deleting a subscription on a handset

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



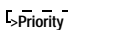
Deleting a subscription on the base station

You can remove a handset subscription from the base station if that handset no longer needs to connect to the base station.

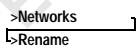


Selecting another base station

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



Selection priority. The handset can select a base station automatically when it has been out of range or is 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 re-arranged with this menu option.



Changing the base station name

You can rename each subscription entry. The name is shown in the display when the handset is connected to that base station and on standby.

The handset can display several special characters. Please refer to "About the phone book" on page 14 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 38.

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 before the handset fails?

Indoors the range is up to 50 metres, outdoors up to 300 metres. The actual range may differ due to local circumstances.

Can anybody eavesdrop on me?

This is not possible due to the digital technology and encryption used.

Will I get a warning before the battery runs out?

An alarm will sound 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. There is an explanation of how to subscribe in "Subscribing" on page 29.

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 25.

I have called an interactive service but it does not respond to my key presses. What is wrong?

The tones transmitted by the handset may be too short for this interactive service. For using longer tones see “Setting the handset to long tones” on page 19.

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 connection to the base station and ensure that the cable that came with the set is used.

I cannot understand the language in the display. Why?

An incorrect language has been selected.

To correct this:

1. Press **CLR**.
The handset returns to the standby display.
2. Press the **DOWN** key 2x then press **YES**. Press the **UP** key 3x, and press **YES** to confirm. Use the **UP** or **DOWN** key to scroll to 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. To reset the PIN code, see “Resetting the base station PIN code” on page 23 and “Resetting the handset PIN code” on page 23.

I cannot switch on the handset by pressing NO for at least two seconds, or it switches itself off again. Why?

Place 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 9.

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 I cannot hear the ring signal. 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 19.

The base station rings, but I can't answer the call. Why not?

The base station does not recognise the telephone number as being assigned to one of the handsets, therefore it is not forwarding the call to a handset. This could mean that this number has been assigned to another device, for instance an analogue fax machine. If you don't want to be disturbed by this ringing, you can turn off the volume of the base station see "Ringer" on page 21.

Someone is calling me and the phone number is displayed instead of the name in the phone book. What is wrong?

The number in the display differs from the number in the phone book or is not present in the phone book at all. You can use "Adding last dialled and a caller's number" on page 15 to add the number to the phone book or use "Changing names and numbers" on page 15 to change the number according to what is displayed.

Someone is calling me, but no caller identification can be seen in the display. What is wrong?

Only the first three handsets on the base station can show the caller identification. It is also possible that no caller identification was sent by the network.

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 26 and "Call budget type" on page 26.

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 cable.

I hear a warning tone and the signal strength indicator cannot be seen. 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 "Using base stations" on page 28 and "Subscribing a DT200 handset to the 230i base station" on page 29.

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 or the subscription mode is active.

The base station does not work at all. What is wrong?

The telephone cable and power cord connections may be plugged into each other's sockets. This does not cause any harm but the base station will not work. If this is the case, swap them over.

I cannot use the phone book. What is wrong?

To begin with, the phone book in the handset is empty. To use the phone book, you have to add a few names and numbers. See "Adding a name and number" on page 15.

BUTTONS, KEYS, ICONS AND SIGNALS

Buttons and keys

On the inside of the front cover of this user's guide you will see an illustration of the handset and base station. The lists below explain how the buttons and keys on the handset and base station are used.

Handset.








Key	Function
VOLUME UP and VOLUME DOWN (side keys)	Earpiece volume louder/quieter.
YES	Make a call or answer a call. Confirm a menu option. If held for 1 second while in standby mode: enter the last dialled list.
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. While in standby mode: mute ringer and warning sound permanently. Cancel a menu option, handset goes on standby.
NO	If held for 1 second: switch handset on. If held for 1 second while in standby mode: switch handset off. If the handset rings: mute sound. End a call. Cancel a menu option.
UP and DOWN (arrow keys)	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. To answer a waiting call and to switch to a call on hold.
*	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
PAGE	Pressed briefly: page or search for handsets Pressed longer: subscribe a handset.

Display icons and signals

A number of icons may appear in the handset display. The list below explains what the icons mean.

Icons	Meaning
Signal strength 	On: when the handset is connected to a base station. Five 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 set up.
Message 	Flashes quickly: new message received in the voice mailbox.
Call Info 	On: new unanswered call in the call 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.

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 monitor call interrupted.

The handset also generates audible ring signals, alarm signals, 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.

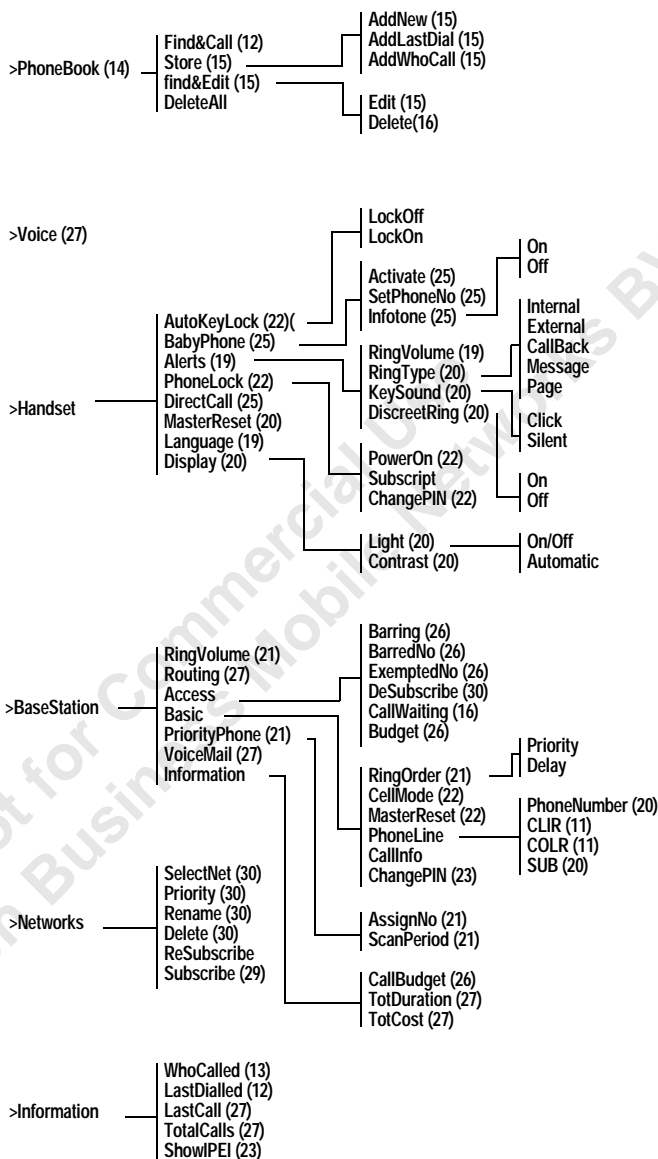
Signal	Meaning
Green bottom light	On: charging handset battery.
Red top light	On: an external line is engaged or subscription mode active. Flashes: incoming external call. Flashes quickly: no connection to external line.

The base station also generates ring signals.

MENUS

Handset and base station functions can be accessed via the handset menus. The chart below gives an overview of the menu options to help you locate those functions.

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



Please note that some menu options may change name or are only visible when applicable! The numbers in brackets are page numbers where the item is described.

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 where they were bought. See also "Warranty" below.

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.

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. Contact your dealer or retailer for more information.

- Additional DT200 handset and charger.
- Clip for handset.
- Desk stand for the base station.
- Wall mount for base station.
- ISDN telephone cable.
- Power adaptor for base station.
- Power adaptor for charger.
- Nickel metal hydride battery for handset.
- Battery cover for handset.
- English user's guide.

WARRANTY

Thank you for purchasing this Ericsson Product. To get maximum use of the features of your new product we recommend that you follow a few simple steps:

- Read the "Safety instructions" on page 31.
- Read all the terms and conditions of your Ericsson Warranty.
- Save your original receipt. You will need it for warranty repair claims. Should your Ericsson Product need warranty service, you should return it to the dealer from whom it was purchased or contact your local Ericsson helpdesk to get further information.

Our warranty

Ericsson warrants this Product to be free from defects in material and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year.

All accessories for the Product are covered by a warranty for a period of one (1) year from the date of its original purchase by a consumer.

What we will do

If, during the warranty period, this Product fails to operate under normal use and service due to improper materials or workmanship, Ericsson subsidiaries, authorised distributors or authorised service partners will, at its option, either



repair or replace the Product in accordance with the terms and conditions stipulated herein.

Conditions

1. The warranty is valid only if the original receipt issued to the original purchaser by the dealer, specifying the date of purchase and serial number, is presented with the product to be repaired or replaced. Ericsson reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the product from the dealer.
2. If Ericsson repairs or replaces the Product, the repaired or replaced Product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may be via functionally equivalent reconditioned units. Replaced faulty parts or components will become the property of Ericsson.
3. This warranty does not cover any failure of the Product due to normal wear and tear, misuse, including but not limited to use in other than the normal and customary manner, in accordance with Ericsson's instructions for use and maintenance of the Product, accident, modification or adjustment, acts of God, improper ventilation and damages resulting from liquid.
4. This warranty does not cover product failures due to repair installations, modifications or improper service performed by a non-Ericsson authorised service workshop or opening of the product by non-Ericsson authorised persons.
5. The warranty does not cover product failures which have been caused by use of non-Ericsson original accessories.
6. Tampering with any of the seals on the products will void the warranty.
7. THERE ARE NO OTHER EXPRESS WARRANTIES, WHETHER WRITTEN OR ORAL, OTHER THAN THIS PRINTED LIMITED WARRANTY. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL ERICSSON BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS OR COMMERCIAL LOSS. TO THE FULL EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY LAW.

Some countries do not allow the exclusion or limitation of incidental or consequential damage, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from country to country.

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