

Operating instructions

(UK)

Ergonomic cordless phone tiptel *easy*DECT XL2



tiptel
DFG

Safety information

- Only use the power supply unit supplied.
- Fit only the recommended rechargeable batteries of the same type! Use no other types of batteries or non-rechargeable batteries, as they could damage health and cause personal injury.
- Ensure correct polarity when fitting rechargeable batteries, and use the battery type according to these instructions.
- The operation of medical appliances may be affected. Be aware of the technical conditions within the particular environment (e.g. doctor's practice).
- The handset may cause an intrusive 'hum' in hearing aids.
- Do not install the base in bathrooms or shower rooms. The handset and base are not watertight.
- Drivers must not use their phones while driving (Walk and Talk function).
- Switch off your phone while on board an aircraft (Walk and Talk function) and ensure that it cannot be switched on again accidentally.
- Do not use the phone in environments subject to explosion hazard (e.g. auto paint shops).
- Ensure that your easyDECT XL 2 is accompanied by these instructions when you give it to others to use.
- Dispose of the batteries and phone in accordance with environmental regulations.
- Carry the handset by means of the carrying strap only in front at the body over the clothes. Thus it is always freely accessible.
- Carry the handset by means of the carrying strap only with full consciousness and pay attention you to the fact that the strap does not get caught. The risk of injury cannot be completely excluded.
- Emergency call function: In rare cases, the function of sending out an emergency call cannot be guaranteed. This might be the case if e.g. the telephone network fails or if the radio transmission from the handset to the base station is subject to interference.

If the device is used for people who are in a critical or life-threatening health condition, you should not refrain from additional safety means.

Table of contents

Before using	4
Scope of supply	4
Operating elements	4
Setting up	8
Installing the telephone	8
Installing the base station	8
Setting up the handset	10
Attaching the carrying strap to the handset	12
Connecting a headset	12
Inserting the name plate on the base station	13
Setting the display language	13
Turning handset on / off	14
Choosing the dial mode	14
Setting date & time	15
Taking the telephone out of operation	16
Basic functions	17
Standby mode (waiting for incoming calls)	17
Making a call	17
Receiving a call	18
Putting a call on hold	19
Adjusting voice volume	19
Using speakerphone (Handsfree mode of handset)	19
Redialing last dialed numbers	20
Flash signal	20
Using the base station speed dialing keys	21
Adjusting loudspeaker volume of base station	21
Transferring a call from base station to handset	22
Temporary tone dial switchover	22
Fuzzy dialing	22
Battery checking and handling	24
Out of range indication	24
Locking keys on handset	25
Paging	25
Call lists	26

Table of contents

Phonebook	26
Storing a phone number by using phonebook menu	26
Storing a phone number in standby mode	27
Entering a name	28
Entering a dialing pause	29
Searching for and dialing a number in phonebook	29
Editing or deleting a phonebook entry	30
Redialing the last dialed numbers	31
Searching for and dialing a number in outgoing calls list	31
Using outgoing calls options	32
Incoming calls	32
Searching for and dialing a number in incoming calls list	33
Using incoming calls options	33
Dialing a Call by Call number (network code number)	34
Using menus	36
Accessing menu mode	36
Bell & Beep	39
Setting key tone	39
Adjusting ringer of handset	39
Adjusting ringer of base station	40
Alert type of handset	42
Diary	43
Alarm	43
Calculator	44
Handset settings	46
Setting standby display	46
Selecting a language	47
Registering a new handset	47
Selecting base	49
Storing Call by Call numbers	49
Setting access code	50
Resetting the handset	50
Base settings	52
Changing base PIN	52

Table of contents

Deactivating a handset	53
Barring outgoing calls	53
Changing flash time	54
Resetting the base station	55
Emergency call mode	55
Description of emergency call mode	55
Storing emergency numbers	56
Turning emergency call mode ON/OFF	57
Sending out an emergency call	57
Process of an emergency call	58
Manually disrupting an emergency call	58
Making special emergency call settings	59
Storing call numbers to speed dialing keys	61
Favorite (special functions)	63
Walkie talkie	63
Room Monitoring	63
SMS, Email* and Fax*	65
Setting service center number	66
Setting terminal number*	66
Writing and sending a new message	67
Message transmission	70
Viewing received messages	70
Using outbox	71
Deleting all messages	72
Setting the public key (confidential messages)*	73
Appendix	75
Maintenance	75
Cleaning the cordless phone	75
Troubleshooting	75
Technical specifications	77
Service	78
Guarantee	78
CE sign	79
Ecological information	79
Index	80

Before using

Scope of supply

The content of the package is:

- Base station,
- Handset,
- AC adapter,
- Telephone connection cable,
- Carrying strap for the handset
- Two batteries for the handset
- Additional items
 - Operating manual
 - Quick reference guide
 - 4 info cards for the recipient of an emergency call
 - 2 name plates and a plastic cover for the speed dialing keys
 - 2 plates and a plastic cover for „Police / Fire service”.

Operating elements

Key assignment on the handset



Lift key makes telephone calls and answers them. If pressed during a call, activates the speaker phone for handsfree operation.



Replace key: if held pressed, turns the phone on or off. In menu mode, briefly press it to cancel your input and return to standby mode. During a call, briefly press it to end the call.



Emergency call key triggers an emergency call if the emergency call function is set up. Press down the key for a few seconds in case of emergency. The emergency call key lights up, if emergency function is activated.



Soft keys - perform the functions indicated by the text immediately over them (on the bottom line of the display) which changes time by time.

Before using



Arrow keys: In standby mode, they scroll through the phonebook entries. In menu mode, scroll through the menu options. During a call, adjust the volume. When editing text (SMS), the keys move the cursor to the left or to the right.



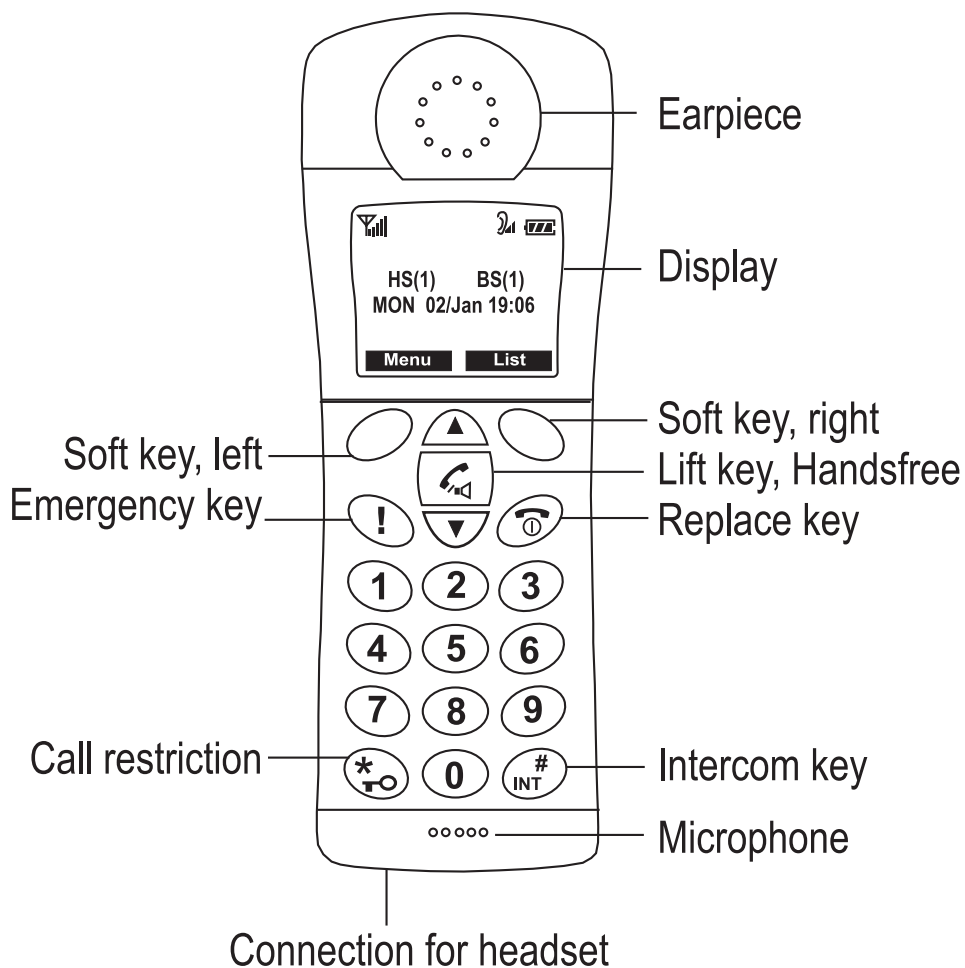
Intercom-key:

- short press: enters the hash #
- long press: activates the intercom communication. Putting a call on hold.






Call restriction key:

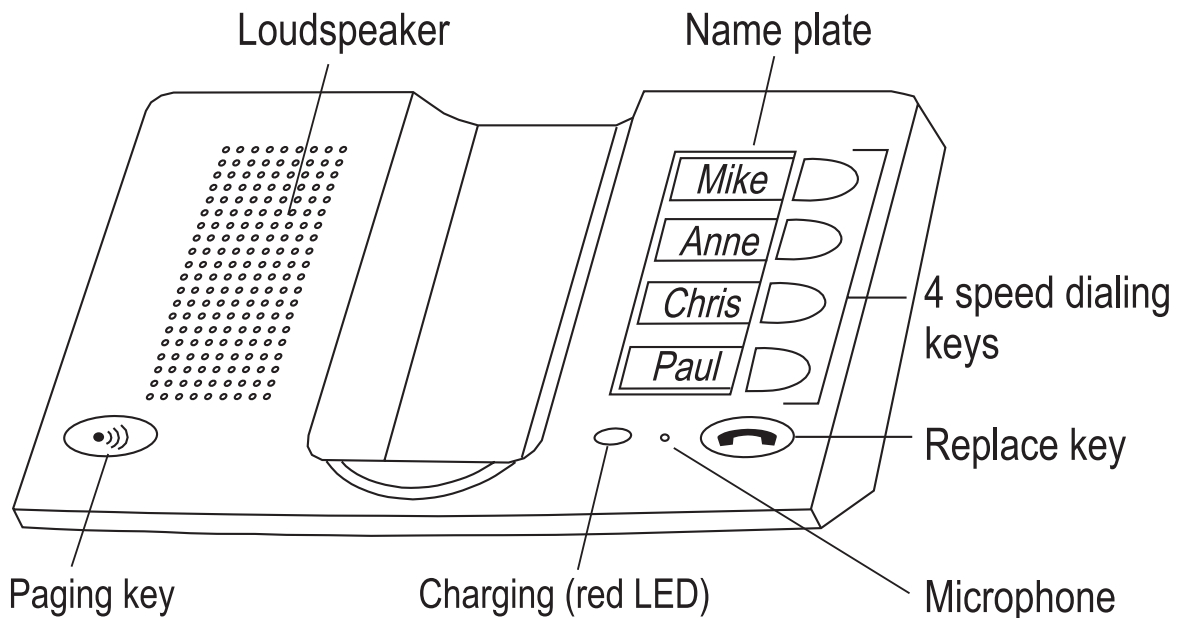
- short press: enters the star *
- long press: call restriction of handset on / off.



Before using

Key assignment on the base station

-  Replace key: This key is used to end a call established using speed dialing keys on the base station. The key lights up, if the line is engaged. The key signals an incoming call by flashing.
-  The Paging key calls all handsets registered. You can use this key to find your handset. The ringing tells you where the handset is located. With the paging key, a call can be transferred from base station to handset.
-  The Speed dialing key dials a stored call number.



Display

The display comprises the following three areas:



Icon area.

Text and graphic area.

Indicates, time by time, the functions of the two soft keys.

Before using

Icon area:



The signal strength icon displayed at all times when your phone is on, and shows the current signal strength. The greater the number of bars, the stronger the signal.



The line icon indicates that the line is engaged.



The alarm icon appears when you set an alarm to ring at a specified time.



The caller ID icon indicates that there is a received call which you missed.



The vibration icon indicates, that an incoming call is signalled by buzzer (vibration alarm on handset).



The voice volume icon indicates the current voice volume level. The more bars, the louder the volume.



The batterie status icon is displayed all times when your phone is on, and shows the level of your battery power. The more bars you see, the more power you have left.



Speakerphone (handsfree mode) of handset ON.



In standby mode, you can also display an analogue clock instead of the over stated information. For further references please see page 47.

Text and graphic area:

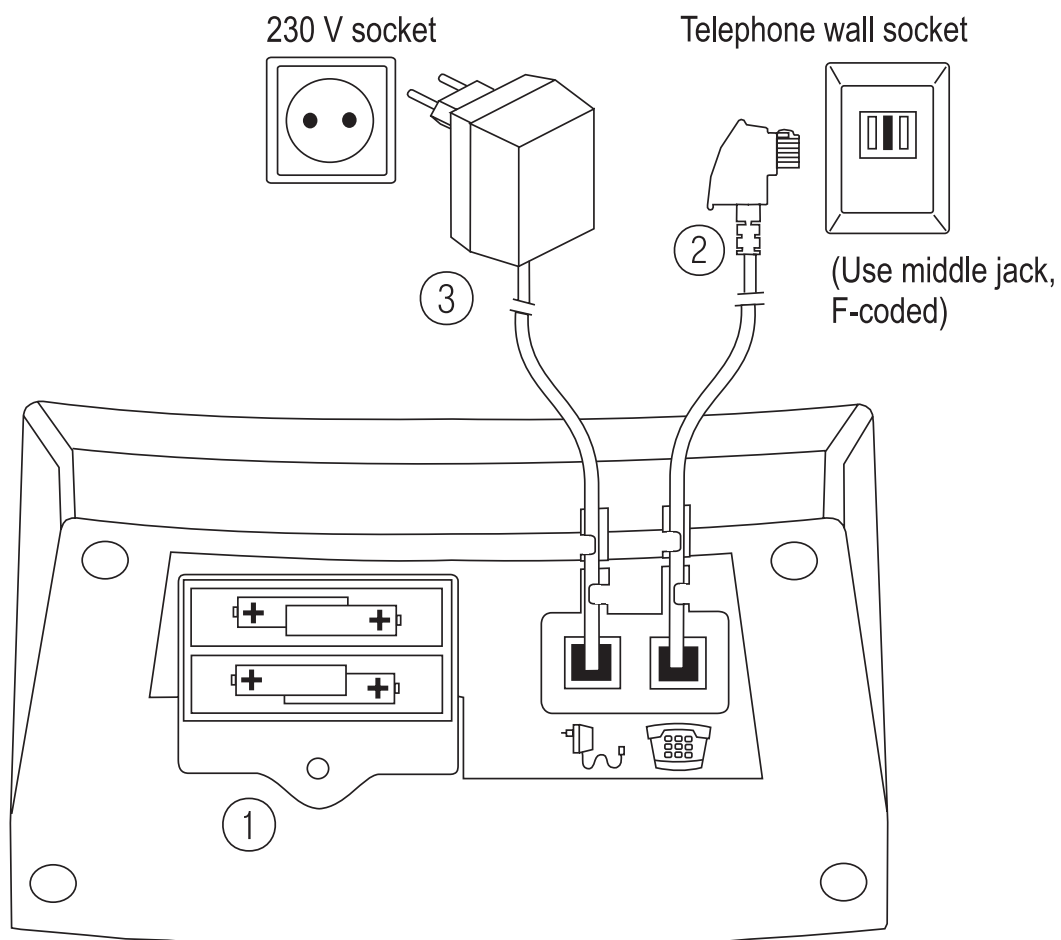
This area displays in-use information such as the other party's number, call duration, menus, etc. In standby mode, it displays the base number, and the current time.

Setting up

Installing the telephone

Installing the base station

- Install the base in a dry and dust-free location away from direct sunlight and make sure that both power and telephone outlets are available nearby. Choose a location where relative humidity and temperature are inside normal value for any electric appliances. Install the base in an open location away from other electronic devices which can create strong interferences (e.g. computer, air conditioning systems, TV etc.)
- To avoid risks for people, or damages to the power and telephone cables of the base, do not put anything on them and don't place the base where the cables be walked on.
- Place the base on a firm, solid surface. If you put it on something unsteady, it may fall and be damaged. Should you place the base on valuable furniture, place a proper protection under the base.
- The base is designed for indoor use only.



Setting up



You should only use the AC adapter supplied. You should only use the connection cable supplied.

Batteries in the base station

4 batteries can be loaded into the base station (not supplied). They are used for power failure protection. This protection is recommended if you are using the emergency call function. Please use 4 standard batteries (NiMH = Nickel metal hydride, 1200 mAh and higher).



Only insert recommended, rechargeable batteries of the same type! Never use ordinary batteries, as this can lead to damage to health or personal injury. Do not use any other types of chargers. This could damage the batteries.

Please dispose of used batteries properly (do not throw them in the domestic rubbish). The cover of the battery compartment is screwed down for safety reasons. This means that the compartment cannot accidentally come open and that the batteries are securely fitted.

Power failure

If the 4 batteries are fitted in the base station and the AC adapter is disconnected, the batteries will bridge this power failure. **Make sure that the power supply plug remains always put.**

① Inserting / replacing batteries in the base station

For safety reasons, disconnect the telephone from the telephone network and the mains, by removing the telephone plug and the AC adapter were previously connected. Unscrew the screw on the battery compartment cover using a narrow Phillips screwdriver. Insert or replace the batteries (NiMH). Ensure that the polarity is correct. Replace and screw down the battery compartment cover.

② Connect telephone to C/O line

The telephone connecting cable has two different plugs. The smaller of them should be plugged into the socket marked with a telephone symbol on the base of the telephone. Place the cable in the appropriate cable duct. Plug the TAE plug into your telephone connection's TAE socket (code F).

Setting up

③ Connect telephone to "Power"

Plug the AC adapter cable plug into the socket with the mains symbol. Place the cable in the appropriate cable duct. Then plug the AC adapter into a 230V socket.

Removing the cables

First of all unplug the AC adapter from the 230V socket and then remove the TAE plug from your telephone connection's TAE socket.

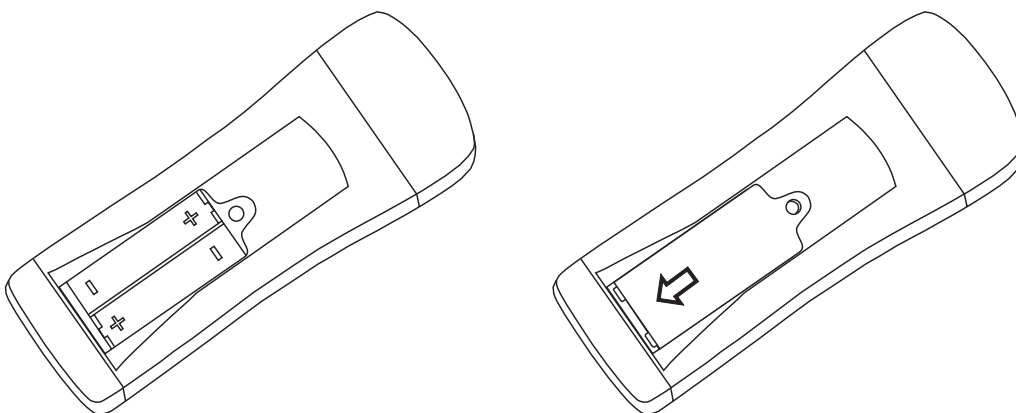
To remove the cables on the underside of the telephone press (e.g. with a ballpoint pen) the plugs locking clips towards the body of the plug and pull out the plug by the cable.

Setting up the handset

Opening the battery compartment and inserting the batteries

The battery compartment is on the rear of the handset under the „Police / Fire“ label. The cover of the battery compartment is screwed down for safety reasons. This means that the compartment cannot accidentally open and that the batteries are securely fitted.

- Unscrew the screw using a Phillips screwdriver and remove the battery compartment cover (not necessary for initial installation).
- Insert the attached batteries (NiMH = Nickel metal hydride), with the correct polarity (see Fig. on the left). You will hear a confirmation tone.



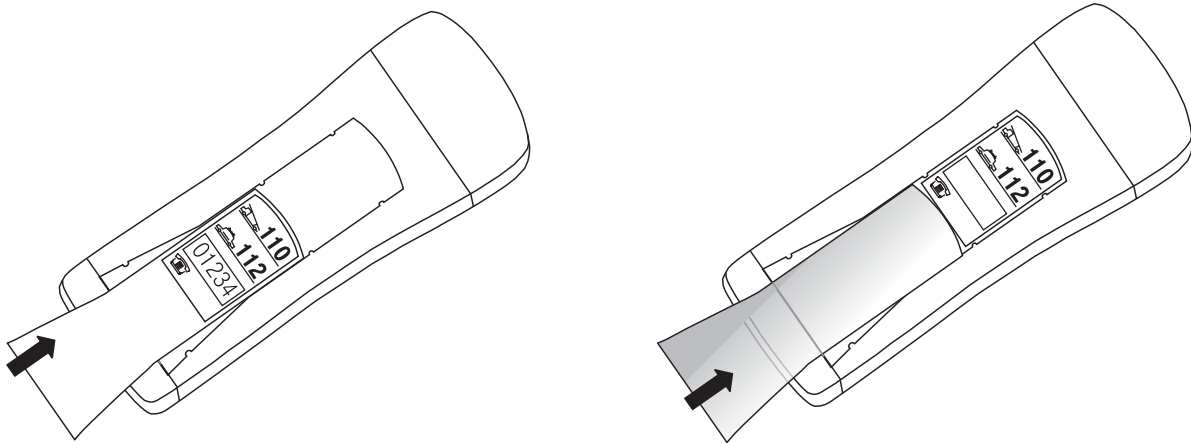
Only insert recommended, rechargeable batteries of the same type (NiMH, 1200 mAh and higher). Never use ordinary batteries, as this

Setting up

can lead to damage to health or personal injury. Do not use any other types of chargers. This could damage the batteries.

- Replace the cover (see Fig. on the right of page 10) and tighten the screw.

Inserting plate and plastic cover



Enter your own call number and the call numbers for the police and fire service in the appropriate fields. Slide the label flat into the recess under the clips (see Fig. on the left). Slide the cover over them (see Fig. on the right).

You can remove the cover by inserting a paper clip into the groove and slowly and carefully lifting the cover. Once you have released the cover from the two lower clips, you can remove it from the recess. Repeat this procedure for the label.

Placing the handset on the base station

Place the handset on the base station with the display pointing upwards. The confirmation tone sounds and the red LED on base station lights up.

Leave the handset in the charging cradle so that the batteries can be charged.



- The first time you charge the batteries, we recommend an **uninterrupted charging time of at least 15 hours**, regardless of the charge level display.



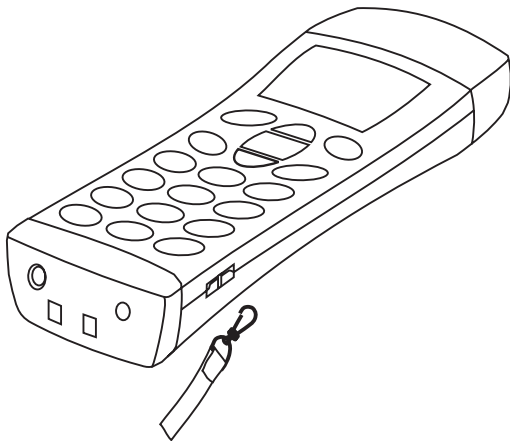
- When the batteries are new, they don't provide 100% of their efficiency; it means that they might be discharged earlier. To reach the full battery duty, you have to "run-in" the batteries with **at least 3-4 deep charging / discharging cycles**, after that they will reach their maximum

Setting up

capacity.

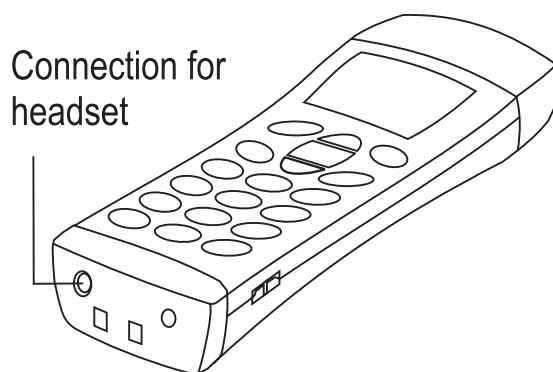
- With the daily use, it is not necessary to place the handset to the base after each call. It is better for the batteries, if they load themselves nearly to empty and then again fully.
- The batteries warm up during charging; this is a perfectly normal process and is not dangerous.
- The charge level for the batteries displayed is only correct after an uninterrupted charging / discharging process. You should not, therefore, open the battery compartment unnecessarily.
- The charge level display is used for orientation of the remained energy reserve.

Attaching the carrying strap to the handset



Fit the carrying strap hooks in the eyes on the left and right of the handset. Test that the hooks are fitted correctly before hanging the carrying strap onto them. The length of the carrying strap can be adjusted as required. Please notice the safety informations inside the front cover.

Connecting a headset

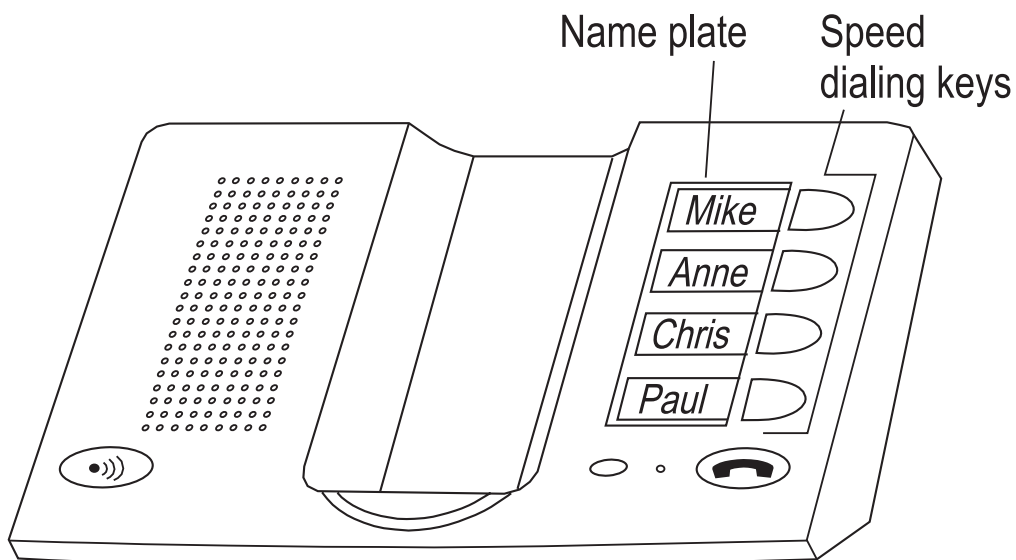


Standard headsets with a 2.5 mm jack plug can be connected to the underside of the handset.

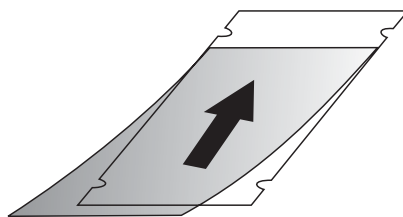
Setting up

Inserting the name plate on the base station

Please label the fields on the plate with the names of the people, whose call numbers you want to store under the respective speed dialing keys. Then insert the plate into the recess.



Attach the plastic cover: Slide the cover into the top fixing (see Fig. below), bend it slightly and then guide it into the bottom fixing.



Removing the plastic cover and the strip: Insert an appropriate implement (e.g. an open paper clip) into the bottom centre groove and carefully push up the cover / plate until you can get hold of it.

Setting the display language



When setting up, the telephone allows you to select the language, you prefer. The language-selection appears in the display.

Setting up

Press the arrow keys to choose the desired language, and press the OK soft key to confirm.

Turning handset on / off

When you place the handset on the base station, it automatically turns on.

1. To turn the handset on (when it is off), keep the key  pressed until you switch the display on.
2. To turn the handset off, keep the key  pressed until the goodbye message appears. Then the display turns off.



- Nothing will appear on the display when the battery power is very low. You should fully charge the handset before using it.
- The first time the phone turns on, the display shows the handset and the base number, e.g. HS(1) and BS(1). You can set the phone to display a large analogue clock instead of the other parameters. For further details please see the paragraph „Setting standby Display“
- If you purchased an optional handset and didn't register the handset, UNREGISTERED is displayed when the phone turns on. To register the handset, see par. „Registering a new handset“.


Choosing the dial mode

In order to provide compatibility with other telephone systems, your phone can be set to either pulse-dialing (rotary), or tone dialing (DTMF). Your phone is preset to the tone dialing mode, anyway if you are not sure which dialing requires your telephone network please contact your local service provider. To change the dialing mode:

1. Press the MENU soft key.
2. Press the arrow keys to choose „BS Settings“, and press the SELECT soft key.
3. Enter the base PIN (preset at the factory to 0000) and press the

Setting up

OK soft key.


4. Press the arrow keys to choose „3:Dial Mode“, and press the SELECT soft key. The current setting appears with the check symbol at the right end.
5. Press the arrow keys to choose TONE or PULSE, then press the SELECT soft key to save the selection.
6. Press the key  to return to standby mode.



You can change the base PIN. For details, see the par. „Changing base PIN“.

Setting date & time

If you like to fully get benefit from the functions of your cordless phone, you have to enter the current date and time.

1. Press the MENU soft key.
2. Press the arrow keys to choose „BS Settings“, and press the SELECT soft key.
3. Enter the base PIN (preset at the factory to 0000) and press the OK soft key.
4. Press the arrow keys to choose „7:System Time“, then press the SELECT soft key. The current settings are displayed: the date on the upper line in the Day/Month/Year format and the time in the Hours:Minutes ones in the lower line.
5. Enter the current date and time using the number keypad (6 digits for the date and 4 ones for the time as below explained).
6. Press the OK soft key to save the setting.
7. Press the key  to return to standby mode.

Setting up



- To enter the date, type the six digits which represent the day, month and year. e.g. for 15th June 2004 enter 150604. You can enter the year from 2000 to 2050. Enter the time in a 24-hour format. e.g. for 10:15PM enter 2215.
- If you want to correct a digit in the middle while setting the date and time, use the arrow keys to move the cursor to the wrong number, then enter a correct number.
- If the electric supply is disconnected from the base (e.g. a black out or a disconnection of the AC adaptor's cable), the system time resets and need to be set again.

Taking the telephone out of operation

If you want to take the telephone out of operation for longer periods, remove the batteries from the handset and the base station.

Basic functions

Standby mode (waiting for incoming calls)

Standby is the initial screen that appears every time you turn on the handset. When your phone is in standby mode, you are ready to receive phone calls and you will see the handset and base number or the handset name (if you have one saved) and the current date and time.




When your phone is in standby mode, you can use the phone to make or receive calls, or to use menu functions.

You can access the main menu in standby mode by pressing the MENU soft key. The list of the main menu items is stated in the par. „List of menu functions“ (see page 37). You can also access the calls list by pressing the LIST soft key.



Making a call

You can make your calls in two ways. This is the most traditional one:

1. Pick up the handset and press the key  to engage the line. You hear a dial tone and „Call to“ appears on the top of the display with the icon  appearing in the icon area.
2. Dial a telephone number. The display shows the number as you have entered it. When you hear your called party, speak with a normal voice level.
3. To end the call, either press the key  or replace the handset on the base station.

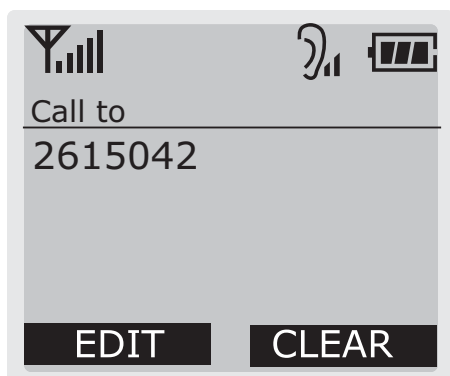



If you notice that the number you entered hasn't been really called (you still hear the dial tone as you have never dialed the number), try to change the dial mode. Refer to par. „Choosing the dial mode“.

This procedure is more convenient and reliable, because you can check the number you have entered and make corrections before dialing:

Basic functions

1. Enter a telephone number. Check the number on the display.





2. If you have made mistakes (i.e. the number you dialed is not the one you want to call) modify it as described in the below stated notes.
3. When the number correctly appears, press the key  to dial it.




- If you make a mistake while entering a number, press the CLEAR soft key to clear the last digit and correct the number. You can also keep it pressed for more than one second in order to clear all digits you have entered and return to standby mode.
- The EDIT soft key allows you to save the number you have dialed or insert dialing pauses. See par. „Storing a phone number in standby mode“ and „Entering a dialing pause“ respectively.

Receiving a call

When a call is received, the phone rings and the icon  blinks on the display of the handset. If the incoming call can be identified you will also see the caller's number in the display. If the caller's number was previously entered in the phonebook, you will see his/her name instead of his/her number. On base station, the key  is flashing.

1. To answer the call, press any key while the phone is ringing. When you are on the phone, the display shows the call time.

Basic functions

2. To end the call, either press the key  or replace the handset on the base station.



- If the handset is on the base, simply pick it up to answer the phone. You do not need to press any keys.
- The caller's identification can work only if your telephone network supports the service as well as the caller's one. However the caller can still hide his/her number.

Putting a call on hold


While you are on the phone, you can put the call on hold.

1. Press the INT key longer than 2 sec. during a call to put the call on hold. The display shows ON HOLD and your party hears a short double beep.
2. To reactivate the held call, press the INT key again (longer than 2 sec.). ON HOLD disappears from the display and you can go on talking.

Adjusting voice volume



Voice volume can be set in a very loud level.

During a conversation, the arrow keys adjust the level of the ear piece volume. You can adjust the volume in three levels which are showed by the bars of the icon. The more bars you see, the louder the volume.



Voice volume icon with tree bars = high volume level: 

Using speakerphone (Handsfree mode of handset)

During a call, you may turn on the speakerphone built in the handset. In this mode you can simply put your handset on a surface (e.g. a desk) and enjoy the comfort of the handsfree conversation.

1. To turn the speakerphone on, press the key  during a call (line engaged). The icon  appears on the display.

Basic functions

2. To turn the speakerphone off, and keep on talking in normal mode, press again the key . The icon  disappears.




- Warning. Before putting the handset near your ear, be sure to have turned the speakerphone off.
- The speakerphone can be used up to a certain distance (depending on various conditions). Be sure that your party can clearly hear you as you are hearing him/her.

Redialing last dialed numbers

Your phone allows you to retrieve the last 20 numbers you have dialed and recall them quickly.

To view and dial the numbers:

1. Press the LIST soft key in standby mode.
2. Press the SELECT key to access „1:Outgoing Call“ option. The display shows the list of the numbers you have dialed.
3. If you want to scroll through the list, press the arrow keys until you find the number you want to call.
4. Press the key  to dial the number.



- When no numbers are found, „Redial list is empty“ is displayed.
- Each time you dial a new number, the oldest number stored in the redial memory is automatically erased, and the redial memory is updated.
- More information you will find on page 31.

Flash signal

When the line is engaged, the FLASH soft key sends the Flash signal. This key is used in conjunction with special services (e.g. call waiting, conference etc.) which can be available in your phone network. For further details please contact your

Basic functions

network telephone company. Moreover, if you are connected to an extension of a switchboard (PABX), you can use the FLASH soft key to locally transfer a call to another extension.

To transfer a call, or use the said special services, press the FLASH soft key while the line is engaged.



- If the FLASH soft key does not work properly, you need to change the Flash time. See the par. „Changing flash time“ on page 54.
- Call waiting and other services can be available with additional charges. For further details please contact your local telephone company.

Using the base station speed dialing keys

The base station has 4 speed dialing keys, to which you can assign call numbers. Calls dialed using a speed dialing key can be continued on the base station in hands free mode. But it is also possible to transfer a call to a handset (see paragraph „Transferring a call from base station to handset“ on page 22.

Press the desired speed dialing key .







The base station switches to handsfree mode and the number is dialed.

After conversation, press key  on base station to finish the call.



How to store speed dialing numbers, see paragraph „Storing call numbers to speed dialing keys“ on page 61.




Adjusting loudspeaker volume of base station

Mike		1	During a call in handsfree mode at the base station, you can adjust loudspeaker volume in 4 levels. Select the desired level using the speed dialing keys 3 and 4. (Key 3 = higher level, key 4 = lower level). The adjusted level will be stored for the next call.
Anne		2	
Chris		3 	
Paul		4 	

Basic functions

Transferring a call from base station to handset

You can dial a number by using speed dialing keys and, after the recipient has answered, you can transfer the call to the handset.

1. You are calling in handsfree mode at the base station.
2. Press the paging key  of base station. The handset rings.
3. Press the key  to transfer the call from base station to handset.
4. To end the call, either press the key  or replace the handset on base station.

Temporary tone dial switchover

If you are using the pulse dialing because your telephone line doesn't support tone dialing (please make reference on par. „Choosing the dial mode“), you might not be able to access certain external services (e.g. automatic call centers, voice mailboxes, interactive telephone systems etc.), because they need the tone dialing. No problem: you can access them anyway doing this:

1. Call the number of the service you need to access as you do normally.
2. As soon as you reached the service, press the star key *: your phone is converted to the tone dial mode temporarily, so you can use the service.
3. When you hang up, the phone returns to the pulse mode.


Fuzzy dialing

This convenient function speeds up the manual dialing of the numbers which you communicate more frequently with. When enabled, just dial only the first digits, because your phone takes care to automatically complete it for you. Obviously, this can happen only if the number you are dialing is inside the list of the last dialed numbers (ref. par. „Redialing last dialed numbers“) or inside the list of the last



Basic functions

received calls (ref. par. „Incoming calls“) or inside the phonebook (ref. par. „Phonebook“).

To enable/disable the fuzzy dial feature:

1. Press the MENU soft key.
2. Press the arrow keys to choose „HS Settings“, then press the SELECT soft key.
3. Press the arrow keys to choose „2:Fuzzy Dial“, then press the SELECT soft key.
4. Press the arrow keys to choose ON (or OFF to disable it).
5. Press the SELECT soft key to save the setting.
6. Press the  key to return to standby mode.

To place a call using the fuzzy dial feature:

1. Be sure that fuzzy dialing is active and the phone in standby mode.
2. Enter, one by one, the first digit(s) of the phone number you want to call. If they match with one or more numbers in the phonebook, or in the lists of last incoming/outgoing, your phone prompts you to complete the number with the digits left highlighting them.
3. If the prompted number is the one you want to call, go on with the next step. Otherwise keep on entering other digits until you see the desired number.
4. If the number is correct, press  to dial it (if not press  to exit).




Obviously, if none of the prompted numbers match with the one you want to call, it means that both you haven't communicated recently with it and that it's not included in the phonebook. In this case just dial the number normally and call it to automatically include it in the outgoing call list. Next time the


Basic functions

fuzzy dialing will work with it.

Battery checking and handling

The icon  displays continuously at the top right corner. It shows the level of your battery power: the more bars you see, the more power you have left.





When the batteries are low, you hear a warning tone and the icon  blinks. When the batteries are too low for the phone to operate, the handset automatically turns off with warning beeps. In this case, place the handset on the base station to charge the handset batteries for 15 hours. More information about charging you will find in the paragraph „Placing the handset on the base station“ on page 11.

Restoring the battery duty

When possible, to keep the maximum battery duty, charge the batteries only when they are completely discharged, (i.e. when the battery icon has no bars inside or, at least, with one bar) and don't remove the batteries from the base station before the necessary time to provide a full charge.

If with the time the batteries doesn't allow the full duty, try do fully discharge them (by normally using the phone) up to make the handset automatically switched off as over stated, then leave the handset in the base station for 15 hours before removing it. Repeat this deep charging/discharging cycle for at least 3 times. If the battery duty still doesn't increase, replace the batteries.

Out of range indication

The bars at the right of the  icon show continuously the signal strength received from the base. If you are too far from the base, the radio signal might become too weak and the phone might not access to the telephone line. In these conditions you can't make or receive phone calls, for this reason the icon  flashes.

Outdoors, the range is up to 300 metres, inside buildings, a range of up to 50 metres is possible.


If you carry the handset too far from the base during a call, the telephone line

Basic functions


disconnects and the handset returns to standby mode. Check to see if the icon is flashing on the display. If so, move the handset closer to the base.

If the radio coverage of your base is not sufficient for your purpose, you might consider to buy an additional optional base and register your handset on it, obtaining a small personal cordless network. For further details please see the par. „Registering a new handset“ and „Selecting base“.

Locking keys on handset

This function is useful to avoid unwanted function activations by accidentally pressing any keys when you are carrying your handset. If you activate the key lock, of the keys are inhibited, except for the  one.


In this condition, when a call comes in, you can answer the call by pressing any key. When the call ends, the keys will be locked again.


To lock the keys, in the standby mode just keep the key  pressed till the display shows KEY LOCK.

To unlock the keys keep the key  pressed again till the KEY LOCK message disappears from the display.

Paging

You can page the handset from the base station making it ringing with a special ring. It's useful to locate a lost handset or call the user who currently has the handset.

To send the paging signal, press the Paging key  of the base. All the phones which are registered with the base ring for 30 seconds.

To stop the paging signal before 30 seconds are passed, press the Paging key  again or any keys on the handset(s).



If a call comes in while the handset is being paged, the handset stops the paging operation and starts ringing normally in order to allow you to answer the call.

Call lists


The LIST soft key in standby mode allows you to access the Phonebook, Outgoing calls list, Incoming calls list and Call by Call number list.

Phonebook

The phonebook built in your cordless phone allows you to store frequently used numbers so that you can easily make a call without having to remember or enter the phone number. Moreover, it reduces the risks of wrong dialing. You can store up to 100 entries in your internal phonebook, each of them contains a fixed line number and a mobile one which can be independently associated to a different ring.


There are two ways to store the phonebook entries: by using the Phonebook menu or in standby mode.

Storing a phone number by using phonebook menu

1. Press the LIST soft key in standby mode, then press the arrow keys to choose „3:Phonebook“ and press the SELECT key to access the phonebook.
Or,
press the MENU soft key, then press the SELECT soft key to access the phonebook.
2. Press the arrow keys to choose „2:New Entry“ and press the SELECT soft key. The Name field will be highlighted.
3. Enter a name that you want to use (up to 12 alphanumeric characters). For details of entering a name please see the par. „Entering a name“.
4. Press the arrow key ▼ in order to highlight the fixed telephone icon or the mobile telephone one, then enter the phone number (up to 24 digits).
5. Press the arrow key ▼ in order to highlight the icon  at the right of the entered number, then press NEXT soft key in order to select the ring you like to associate to the number. Every time you select a

Call lists

ring, the phone sounds with it.

6. If you need to store both a fixed and a mobile number, repeat the steps 4 and 5.
7. Press the OK soft key to save the setting.
8. Press the  key to return to standby mode



If you make a mistake while entering a number or name, use CLEAR soft key to clear the last character.

Storing a phone number in standby mode

You can store a phone number after dialing a number without accessing the Phonebook menu.

1. Enter a phone number in standby mode.
2. Press the EDIT soft key.
3. Select „1:Save Number“ by pressing the SELECT soft key.
4. Select the fixed telephone icon or the mobile telephone one by using the arrow keys and press the SELECT soft key. You see the number you entered in the selected position.
5. Complete storing the entry by starting from step 3 described in the last paragraph „Storing a phone number by using phonebook menu“.



When you are entering the number in step 1, you can also insert one or more dialing pauses in order to store them in the phonebook as well. For details please see the par. „Entering a dialing pause“ on page 29.

Call lists

Entering a name

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

Key	Characters in the order displayed														
0	0	.	,	:	;	'	"	/	=	-	+	()	<	>
1	Space	1	!	?	&	@	_	ƒ	\$	□	¥	§	*	#	
2	A	B	C	a	b	c	2	Ä	Å	Æ	Ç	à	ä	å	æ
3	D	E	F	d	e	f	3	É	Δ	Φ	è	é			
4	G	H	I	g	h	i	4	Θ	Ψ	ì					
5	J	K	L	j	k	l	5	Λ	Γ	ı	ı	%			
6	M	N	O	m	n	o	6	Ñ	Ö	Ø	ñ	ø	ò	ö	
7	P	Q	R	S	p	q	r	s	7	Π	Σ	Ξ	β		
8	T	U	V	t	u	v	8	Ü	ù	ū					
9	W	X	Y	Z	w	x	y	z	9	Ω					

2. Select other letters in the same way. The cursor moves to the right when you press a different key.



- When entering the same letter twice or a different letter on the same key, wait for a few seconds for the cursor to move automatically, and then select the next letter.
- To delete letters, use the CLEAR soft key.
- If you want to shift the case while entering letter, press the # key.

Example: to enter Ross, press:

- Three times the 7 key = R (the first character is automatically set as capital).
- Three times the 6 key = o.
- Four times the 7 key = s (wait till the cursor moves to the right).
- Four times the 7 key = s.

Call lists

Entering a dialing pause

A pause is useful when you access an interactive voice response system, such as an automated banking system. A pause provides a delay of 3 seconds. When you are dialing a number in standby mode and need to insert a pause, please follow these steps:

1. Press the EDIT soft key.
2. Press the ▼ soft key, and select „2:Insert Pause“ by pressing the SELECT soft key. A “P” appears as a confirmation of the pause entry.
3. Enter the following digits of the number and press the softkey EDIT.
4. Store the number, described in the par. „Storing a phone number in standby mode“ on page 27.

Searching for and dialing a number in phonebook



You can search the entries stored in the phonebook by entering the first initial characters of their names (alphabetic search). You can also scroll through the whole list of the phonebook entries in standby mode without accessing the phonebook menu.

Alphabetic search

1. Press the LIST soft key in standby mode and then press the arrow keys to select „3:Phonebook“, then press SELECT soft key to access the Phonebook option.
Or,
press the MENU soft key and then press the SELECT soft key.
2. Press the SELECT soft key to access „1:Search“.
3. Enter the first few letters of the name by using the alphanumeric keys, and press the OK soft key.
The display shows the name list starting from the character(s) you have entered. The phone number of the currently selected entry is

Call lists



shown on the top line.

4. If necessary:
 - to select another name (if the list displays more than one) press the arrow keys.
 - to select the icon of the fixed telephone number or the mobile telephone of the selected entry press the NEXT soft key.
5. When the desired number displays, press the  key to dial it.
Or to return to standby mode, press the  key.



If you press the OK soft key, you can view the details of the selected entry and access the option features. For details, see the par. „Editing or deleting a phonebook entry“.


Searching by scrolling the phonebook list

1. Press the arrow keys in standby mode. The display shows the whole list of all of the phonebook entries in alphabetical order.
2. Press the arrow keys to scroll to the desired entry.
3. If necessary, press the NEXT soft key to select the fixed line telephone icon or the mobile telephone one under the selected entry.
4. When you find the desired number, press the  key to dial it. Or to return to standby mode, press the  key.

Editing or deleting a phonebook entry

1. Find the phonebook entry that you want to edit or delete. Refer to par. „Searching for and dialing a number in phonebook“.
2. When the desired entry is highlighted, press the OK soft key to view the details of the selected entry.



Call lists

3. Press the OPTION soft key to display the phonebook option menus.
4. Press the arrow keys to choose „1:Edit“ or „2:Delete“, and press the SELECT soft key.
5. Now, depending on the over stated selection:
1:Edit: If you have selected this option, perform the necessary editing using the command described from step 3 in the par. „Storing a phone number using phonebook menu“.
2:Delete: If you have selected this option, a message asks if you really want to delete the entry. Press the OK soft key to confirm or CANCEL to exit without deleting the entry.
6. To return to standby mode, press the  key.

Redialing the last dialed numbers

Your phone allows you to quickly call again the last 20 dialed numbers.

Searching for and dialing a number in outgoing calls list

1. In standby mode, press the LIST soft key.
2. Press the SELECT key to access „1:Outgoing Call“. The list of outgoing calls is displayed.
3. Scroll through the outgoing calls list using the arrow keys until you find the desired number, and press the SELECT soft key. You will also see the name (if available) and the date/time in which you did the call as well as its duration. If the number was previously entered in the phonebook, you can also see its associated name.
4. To place a call to the number, press the  key.
To return to standby mode, press the  key.

Call lists



At step 2, if the list is empty, the phone informs you about that with the message „Redial list empty“ and returns in standby mode.

Using outgoing calls options

Using the outgoing calls options, you can edit, save, or delete a number in the outgoing calls list.

1. Find the desired number in the outgoing calls list as per the steps 1 through 3 in the par. „Searching for and dialing a number in outgoing calls list“.

2. Press the OPTION soft key to display the option menus.


3. Press the arrow keys to choose the desired option:

1:Edit: allows you to edit the number. Use the CLEAR soft key to delete the last entry (after editing the number, you can save it in the phonebook with the following option or place a call to the number).


2:Save number: allows you to save the number in the phonebook. See par. “Storing a phone number in standby mode“, step 4.

3>Delete: allows you to delete the selected number.

4>Delete All: allows you to delete the whole redial list (a message asks if you really want to delete all the entries). Press the OK soft key to confirm or CANCEL to exit without deleting the entries).



4. To return to standby mode, press the  key.

Incoming calls

When you receive a call, the caller’s phone number is displayed, if the caller’s information is transmitted from the network on which the call was made and the caller don’t hide it. The last 30 received calls are stored in the „Incoming call list“, and you can call the said numbers back, delete or store them in the phonebook. Moreover, when there is a received call which you missed, the  icon appears on the display. This icon automatically disappears as soon as you view the number using the incoming call option.

Call lists

Searching for and dialing a number in incoming calls list

1. In standby mode, press the LIST soft key.
2. Press the arrow keys to choose „2:Incoming Call“, then press the SELECT soft key. The list of incoming calls displays.
3. Scroll through the incoming calls list using the arrow keys until you find the desired number, and press the SELECT soft key. You will also see the name (if available) and the date/time in which you received the call as well as its duration. If the number was previously entered in the phonebook, you can also see its associated name.
4. To place a call to the number, press the  key.
To return to standby mode, press the  key.



At step 2, if the list is empty, the phone informs you about that with the message „Caller ID list empty“ and returns in standby mode.


Using incoming calls options

You can edit, save, or delete a number in the incoming calls list as follows:

1. Find the desired number in the incoming calls list as per the steps 1 through 3 in the par. above.
2. Press the OPTION soft key to display the option menus.
3. Press the arrow keys to choose the desired option:
 - 1:Edit allows you to edit the number. Use the CLEAR soft key to delete the last entry (after editing the number, you can save it in the phonebook with the following option or place a call to the number).
 - 2:Save number: allows you to save the number in the phonebook see par. “Storing a phone number in standby mode“, step 4.
 - 3>Delete: allows you to delete the selected number.
 - 4>Delete All: allows you to delete the whole incoming calls list (a

Call lists

message asks if you really want to delete all the entries). Press the OK soft key to confirm or CANCEL to exit without deleting the entries).


4. To return to standby mode, press the  key.

Dialing a Call by Call number (network code number)

This feature lets you add special code numbers, which allows you to access different service providers you might be subscribed. This way allows you to get the best fare depending on the type of call you are going to make (e.g. regional calls, long distance calls etc.). You can recall the access number easily, and put it before the phone number you want to call by entering the phone number manually or by accessing the phonebook.


How to store Call by Call code numbers see paragraph „Storing Call by Call numbers“ on page 49.

Dialing a Call by Call number manually:

1. Press the LIST soft key in standby mode,
2. Press the arrow keys to choose „4:Call by Call“ and press the SELECT key to access the list. The display shows the currently stored call by call numbers. The service provider's names appear if you have stored them, otherwise you will see only the code numbers.
3. Press the arrow keys to choose the desired Call by Call number, then press the SELECT soft key. The display shows „Call to“ in the top line and the code number in the second line.
4. Enter the phone number you want to call. It will be showed after the selected Call by Call number.
5. Press the  key to dial the number.

Call lists

Dialing a Call by Call number with the phonebook:

1. Follow the over stated steps 1 and 3.
2. Press the arrow keys to recall the phonebook entries which appear in alphanumeric order.
3. Using the alphanumeric keys, enter the first character of the name you want to find in your phonebook. The phone searches and displays the names beginning with the character you entered. You can also scroll through the phonebook entries by using the arrow keys.
4. When you find the desired entry, press the OK soft key. The selected phone number displays after the previously selected Call by Call number.
5. Press the  key to dial the number.

Using menus

This phone offers a range of functions that allows you to tailor the phone to your needs. These functions are arranged in menus and submenus.

Accessing menu mode

There are two ways to access the menu mode: by scrolling or by quick access.

Accessing menu by scrolling

It's the one we used till now:

1. In standby mode, press the MENU soft key in order to see the main menu items and scroll them by using the arrow keys.
2. Find the item you need, then confirm the selection with the SELECT soft key.
3. If the menu you have selected contains submenus or options, press the arrow keys to select the one you want, then press the SELECT soft key to enter in the submenu/option.
4. Press the arrow keys to find the setting of your choice, then press the SELECT soft key to save your selection.



Depending on the selected menu, you might find additional options to choose. In this case just use the over stated commands when applicable referring on the description contained in the related paragraph.

Quick access

You can save time by directly dialing the menu (or option) number associated with it. The number associated with each menu/option is showed in the „List of menu functions“ stated the next chapter, or you can read it on the display the first time you access them with the scrolling access.

1. In standby mode, press the MENU soft key.
2. Press the number key associated with the desired item (for example



Using menus

press 2 to select the „Bell&Beep“ item). You will see the options available for the selected item (in the example 1:Key Tone, 2: Ring Type, 3: Ring Volume etc.)

3. Press the number key associated with the desired option item (for example press 3 to select „3:Ring Volume“)
4. Press the arrow keys to select the setting of your choice.
5. Press the SELECT soft key to save your selection.

Options with scrolling and quick access

Both with the scrolling and quick access, you have the following available options:

- To return to the previous menu level, press the CANCEL key
- To return to the standby mode, press  or hold down the CANCEL soft key.
- Moreover, if you don't press any keys for about 30 seconds, the display will automatically return to standby mode from any menu.
- If you press the  key when a number is displayed, the phone will dial it.

List of menu functions

This list shows the menu structure available and indicates the number assigned to each menu or option. For further details, please refer to the appropriate paragraph/chapter stated inside brackets). D = Default telephone setting.

1. Phonebook

- | | |
|--------------|-----------|
| 1: Search | (page 29) |
| 2: New Entry | (page 26) |

2. Bell & Beep

- | | | |
|---------------------------|-------------|-----------|
| 1: Key Tone | (D: Type 1) | (page 39) |
| 2: Ring Type of handset | (D: Type 1) | (page 39) |
| 3: Ring Volume of handset | (D: Vol. 2) | (page 40) |
| 4: Alert Type | (D: Ring) | (page 42) |

Using menus

3. Diary

- 1:Alarm (D: OFF) (page 43)
- 2:Calculator (page 44)

4. HS Settings

- 1:standby Display (D: Digital clock) (page 46)
- 2:Fuzzy Dial (D: OFF) (page 22)
- 3:Language (page 47)
- 4:Register (page 47)
- 5:Select Base (page 49)
- 6:Call by Call (page 49)
- 7: Access Code (page 50)
- 8:Reset Handset (page 50)

5. Base Settings

- 1:PIN Change (D: 0000) (page 52)
- 2:Deactivating a handset (page 53)
- 3:Dial Mode (D: Tone) (page 14)
- 4:Call Bar (page 53)
- 5:Flash Time (D: 100 msec.) (page 54)
- 6:Base Reset (page 55)
- 7:System Time (page 15)
- 8:Emergency Call (D: OFF) (page 55)
 - Number of call sequences (D: 9) (page 59)
 - Pause time (D: 3 min.) (page 60)
 - Duration of active connect. (D: 90 sec.) (page 60)
- 9:Speed dialing (page 61)
- 0:Base Ringer
 - Ring Type (D: Type 1) (page 40)
 - Ring Volume (D: Vol. 2) (page 41)

6. Favorite


- 1:Walkie-Talkie (D: OFF) (page 63)
- 2:Room Monitoring (D: OFF) (page 63)
- 3:SMS (page 65)

Bell & Beep

You can use the Bell&Beep menu to customize the following sound options „Key tone“, „Ring type“, „Ring volume“ and „Alert type“ for handset. Additionally you will find the description of „Ring type“ and „Ring volume“ of base station.

Setting key tone

Every time you press a key, your handset acknowledges it with a key tone. You can set your handset with a different key tone or to not sound the key tone.

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „Bell&Beep“, and press the SELECT soft key.
3. Press the SELECT key to access „1:Key Tone“ option. The current setting appears inside the box with a check symbol at the right.
4. Press the arrow keys to scroll through the desired setting:
OFF – Key tones disabled
TYPE 1 – Standard key tone (beep)
TYPE 2 – Two-frequency tone (bee-bop).
5. Press the SELECT soft key to save the setting.
6. Press the  key to return to standby mode.


Adjusting ringer of handset

Selecting ring type of handset

You can select your own ringing sound. 10 ring types (melodies) are available.


1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „Bell&Beep“, then press the SELECT soft key.
3. Press the arrow keys to choose „2:Ring Type“, then press the SELECT soft key.

Bell & Beep


4. Press the arrow keys to choose the ring type you want. Each time you press the arrow key, the handset sounds with the selected ring.
5. Press the SELECT soft key to save the setting.
6. Press the  key to return to standby mode.

Adjusting ring volume of handset

You can adjust the volume in three levels: Level 1 to 3, the higher the number, the louder the volume. You can also select OFF to turn the ringer off.

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „Bell&Beep“, then press the SELECT soft key.
3. Press the arrow keys to choose „3:Ring Volume“, then press the SELECT soft key. The current ring volume level is indicated by the check symbol.
4. Press the arrow keys to choose the volume level you want. Each time you press the arrow key, the handset sounds with the selected loudness.
5. Press the SELECT soft key to save the setting.
6. Press the  key to return to standby mode.



Setting OFF turns the ringer of the handset off. When a call comes in, only the incoming call message and icon appear on the display with the flashing icon .


Adjusting ringer of base station

Selecting ring type of base station

You can select your own ringing sound. 10 ring types (melodies) are available.

1. Press the MENU soft key to display the main menu items.

Bell & Beep

2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN to access the BS Settings menu, and press the OK soft key.
4. Press the arrow keys to choose „0:Base Ringer“, then press the SELECT soft key.
5. Press the SELECT key to access „1:Ring Type“ option.
6. Press the arrow keys to choose the ring type you want. Each time you press the arrow keys, the base sounds with the selected ring.
7. Press the SELECT soft key to save the setting.
8. Press the  key to return to standby mode.


Adjusting ring volume of base station

You can adjust the volume in three levels: Level 1 to 3, the higher the number, the louder the volume. You can also select OFF to turn the ringer off.

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN to access the BS Settings menu, and press the OK soft key.
4. Press the arrow keys to choose „0:Base Ringer“, then press the SELECT soft key.
5. Press the arrow keys to choose „2:Ring Volume“, then press the SELECT soft key. The current ring volume level is indicated the check symbol.
6. Press the arrow keys to choose the volume level you want. Each


Bell & Beep

time you press the arrow keys, base station sounds with the selected loudness.

7. Press the SELECT soft key to save the setting.
8. Press the  key to return to standby mode.

Alert type of handset

You can set how you want to be notified of incoming calls: with a ringing tone, with a ringing tone and buzzer (vibration alarm) or with buzzer only.

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „Bell&Beep“, then press the SELECT soft key.
3. Press the arrow keys to choose „4:Alert Type“, then press the SELECT soft key. The current type is indicated by the check symbol.
4. Press the arrow keys to choose the alert type you want:
Ring
Vibrator
Ring & Vibrator
5. Press the SELECT soft key to save the setting.
6. Press the  key to return to standby mode.

Diary

Using the Diary menu, you can use your phone as a convenient alarm clock and calculator.




Alarm

This option allows you to set a recurring daily/monthly/yearly alarm. You can use it not only as a wake up call, but also as reminder, because you can associate it with a text message which you see in the display every time it rings.

Activating/deactivating the alarm feature

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „Diary“, and press the SELECT soft key.
3. Press the SELECT key to access „1:Set Alarm“ option.
4. Select the alarm frequency option by pressing the arrow keys and then press the SELECT soft key. You can choose from Daily, Monthly and Yearly.
5. Using the arrow keys, select ON to activate the alarm feature or OFF to deactivate it, then press the SELECT soft key.
6. Now, depending on your setting at step 4:
If you have set Yearly or Monthly, you will be on the Date field. If you selected Yearly, set the date with dd/mm format by using the numeric keys. Instead, if you have set Monthly, you just set the date with the dd format (only the day).
If you have set Daily, the Date field will show Everyday. Go on with the next step
7. You are now on the „Time field“. Set the time with hh:mm format by using the numeric keys.
8. The cursor turns to the „Message field“. Enter a message of up to 12 characters to display when the alarm sounds.

Diary

9. Press the ▼ key to highlight the  icon and press the soft key NEXT to select the ring type for the alarm.
10. Press the OK soft key to save the setting. The icon  appears on the display.
11. Press the  key to return to standby mode.



- At step 7 you need to enter the hour in 24-hour format.
- If at step 8 you do not want to enter a message, you can skip to the next step. For details on entering text, see par. „Entering a name“.
- If you skip the step 9, the ring type is automatically set to the ring type you have previously set for the incoming ring as per the par. „Adjusting ring volume of handset“.


Calculator

Using this feature, you can use the phone as a calculator. You can perform calculations including addition, subtraction, multiplication and division on your phone.

To use the calculator:

1. Press the MENU soft key to display the Main menu items.
2. Press the arrow keys to choose „Diary“, then press the SELECT soft key.
3. Press the arrow keys to choose „2:Calculator“ and press the SELECT soft key.
4. Enter the first number (operand) using the numeric keys.
5. To select the operation for your calculation, press the arrow keys until the required arithmetic symbol appears; +(addition), – (subtraction), * (multiplication), / (division).
6. Enter the second number (second operand) using the numeric keys.

Diary

7. To get the result, press the OK soft key.
8. Repeat steps 4 through 7 every time you want to make another calculation.
9. Press the  key to exit.



- To erase any mistakes and clear the display, press the CLEAR soft key.
- To change the sign of a number from positive (+) to negative (-) and vice versa, use the key # before entering the number.

Handset settings

Using the HS settings menu, you can customize various settings for the handset such as the standby display and language used to display the menu messages. For details on fuzzy dialing (which is under the HS Settings menu), please see page 22.

Setting standby display


Using this feature, you can select the style of the display in standby mode. You can choose between:

- Digital clock: it's the default standby screen explained in par. „Setting date & time“. It shows the digital clock as well as other parameters, such as the base number, the handset number (or an handset name you can enter as explained later on in this paragraph) etc..
- Analogue clock: it's shows an elegant analogue clock. In this condition you can't see the over stated information, however as soon as you press any key, the analogue clock temporarily disappears restoring the normal handset conditions.

To select a standby display mode:


1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „HS Settings“, then press the SELECT soft key.
3. Press the SELECT soft key to access „1:Standby Display“:
4. Press the arrow keys to choose „Digital Clock“ or „Analogue Clock“, then press the SELECT soft key.
5. At this time, if you have selected the „Analogue Clock“ go to step 7. Instead, if you have selected the „Digital Clock“, you can choose if the standby screen should display the base number and handset number or an alphanumeric name you can assign (e.g. your name, your company name, your office name etc.). Use the arrow keys to choose „ON“ if you want to show the name or „OFF“ to show the base number and handset number.

Handset settings

6. At this time, if you have selected „OFF“, just go to step 7. Instead, if you have selected „ON“, type your preferred handset name. Enter it by following the directions described in par. „Entering a name“, then press the OK soft key to save the name.
7. Press the  key to return to standby mode. You will see the result of your settings (digital clock with base/handset name, same with the name you typed or the analogue clock).

Selecting a language

You can change the language used to display the menu messages.

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „HS Settings“, then press the SELECT soft key.
3. Press the arrow keys to access „3:Language“ option, then press the SELECT soft key. The current language appears inside the box with a check symbol on the right.
4. Press the arrow keys to select the language you want, then press the SELECT soft key.
5. Press the  key to return to standby mode.

Registering a new handset



You can register to your base additional handsets (up to 6 in total) in order to share the same line with other people. To do that you should assign a number to each new handset you will register. As you know, the supplied handset is already registered with the number 1, in fact it shows HS(1). For security reasons, the registration procedure can be done only by people who are nearby your base station and know the base PIN which acts as phone's authentication code.

Handset settings



A handset can be registered to up to 4 different base stations in order to extend the radio coverage. A base can be used with up to 6 handsets in total. Obviously the base can be accessed by one handset a time (because a base station is connected to one line).

To register a handset:

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „HS Settings“, then press the SELECT soft key.
3. Press the arrow keys to access „4:Register“ option, then press the SELECT soft key.
4. Press the arrow keys to choose the base number you want. Press the SELECT key.
5. Hold down the Paging key  of the base station for more than 3 seconds until you see the key  of the base station flashing. Then release the key. The ID number of the base station appears in the display.
6. Press the OK soft key on the handset. The display asks you to enter the base PIN code (preset to 0000) which acts as phone's authentication code (AC).
7. Enter the said code, then press the OK soft key on the handset. If the registration has performed successfully, the new handset will show the phone and base numbers (e.g. HS(2) BS(1)) and returns in standby mode.



At step 4, if a check symbol appears at the right side of the base number, it indicates that the base number is already registered on your handset. Use another one.

Handset settings

Selecting base

Your handset can be used with up to four base stations, provided that it has been previously registered with them as per the last paragraph. This menu option allows you to select the base you want to use:

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „HS Settings“, then press the SELECT soft key.
3. Press the arrow keys to choose „5:Select Base“, then press the SELECT soft key.
4. Press the arrow keys to select the base you want (the current base appears with the check symbol on the right), then press the SELECT soft key.




At step 4 you can also select Best Base. In this case the handset will automatically find the first available base unit when you lose contact while moving around.

Storing Call by Call numbers

The phone has three Call by Call memory cells in which you can store Call by Call code numbers.

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „HS Settings“, then press the SELECT soft key.
3. Press the arrow keys to select „6:Call by Call“, then press the SELECT soft key.
4. Press the arrow keys to choose the desired memory cell, and press the SELECT soft key. The phone asks you to enter the code number.

Handset settings


5. Enter the desired code number and press the OK soft key.
6. Enter the service provider's name to associate to the code number and press the OK soft key.
7. Press the  key to return to standby mode.



How to dial a Call by Call number see page 35.

Setting access code

Some telephone systems, such as PABX (Private Automatic Branch of eXchange) or KTS (Key Telephone Systems), require an access code (e.g. 9 or 0) to access an external line and listen for the outside dial tone before dialing the outside number. You can set your phone in order to automatically insert one-digit access code when you use a phone number from the incoming calls list.

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „HS Settings“, then press the SELECT soft key.
3. Press the arrow keys to choose „7:Access Code“, then press the SELECT soft key.
4. Enter the one-digit access code by using the number keypad, and press the OK soft key.
5. Press the  key to return to standby mode.



When you dial a phone number by using the incoming call list, it will be dialed after the one-digit access code and the preset pause time.

Resetting the handset

If you reset the handset, all the user selectable features restores to the factory preset initial settings: all the numbers in phonebook will be erased, as well


Handset settings

as the incoming/outgoing call lists, the selected language etc. It is mainly useful for two purposes:



- If you have made many wrong settings and you want to restore the handset to the factory preset initial settings.
- If the phone shows logical malfunctions (not correct symbols on the display, incorrect behavior etc.), the problem can be caused by a AC power supply noise or an electrostatic spike which can temporarily alter the memory of the internal microprocessor. In this case the reset could solve the problem.

To activate the reset:

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „HS Settings“, then press the SELECT soft key.
3. Press the arrow key to choose „8:Reset Handset “, then press the SELECT soft key. Your phone asks you to confirm the selection.
4. Press the OK soft key to reset your phone. To exit, press the  key.



Be careful! When you reset the handset you will lose any data stored in it (e.g. name and numbers in phonebook). Don't forget to note them down before resetting the handset.



If necessary, you can also reset the base settings. Please see the par. „Resetting the base station“.

Base settings


You can customize your base unit to suit your preferences using the „BS Settings“ menu. This menu is protected by a base PIN (Personal Identification Number) which is required for the access.



- You can set the date, time, and dial mode in the „BS Settings“ menu. For information on how to set these features, see paragraphs „Choosing the dial mode“ and „Setting date & time“ on page 14 / 15.

Changing base PIN

A base PIN is required to protect your base against unauthorized use. It is set to 0000 at the factory. You can change the base PIN as follows:

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the SELECT soft key to access „1:PIN Change“ option.
5. Enter the new four-digits PIN you want to use for the base, and press the OK soft key.
6. Enter the new PIN again to confirm it, and press the OK soft key.
7. To exit, press the  key.



- If at step 3 you enter the wrong PIN, your phone returns to standby mode. Moreover, the display does not show the PIN as you enter it in order to maintain it secret.
- If there are several handsets registered to the base station, the other handset users cannot access the BS Settings menu without having the newly changed Base PIN.



- Forgetting the base PIN is the same as losing a key. If you have forgotten the handset PIN, please contact your dealer.

Base settings

Deactivating a handset

If necessary, you can clear the registration of a registered handset in order to stop its access to one or more base stations. Just follow these steps:

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the arrow keys to choose „2:Release HS“, then press the SELECT soft key. The display shows all the handsets currently registered to the base.
5. Press the numeric key(s) related to the handset(s) number(s) you want to clear the registration, then press the OK soft key. The display of the handset(s) which you have cleared the registration show(s) UNREGISTERED and they cannot be used anymore with the base.


Barring outgoing calls

You can to set the phone to restrict numbers that can be dialed. Calls beginning with the numbers you specify using this menu can not be dialed. You can set up to 4 different restricted numbers containing up to 4 digits each.

To activate or deactivate a call barring number:

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the arrow keys to choose „4:Call Bar“, then press the SELECT soft key.

Base settings

5. Press the arrow keys to choose the barring memory location, and press the SELECT soft key.
6. Press the arrow keys to choose „ON“ (barring enabled) or „OFF“ (barring disabled), then press the SELECT soft key.
7. If you select „ON“, enter the number you want to restrict (up to four digits) and then press the OK soft key.
8. To exit, press the  key.




If you want to edit a stored number, please overwrite it.

Changing flash time

During a conversation, the FLASH soft key allows you to access the special services offered by the telephone network or transfer a call to another extension when you are connected to a PABX (Private Automatic Branch of eXchange). For details, see par. „Flash signal“ on page 20.

The default setting is 100 msec. If your FLASH key does not work properly, you need to adjust the Flash time as follows:

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the arrow keys to choose „5:Flash Time“, then press the SELECT soft key. The display shows the current setting with the check symbol at the right end.
5. Press the arrow keys to choose the desired flash time, then press the SELECT soft key. You can choose from 80, 100, 120, 180, 250, 300, 500 or 600 ms.
6. To exit, press the  key.

Base settings



We recommend to contact your service provider or refer to your PABX user's manual in order to know the proper flash time to use with your network.

Resetting the base station

Similarly to the handset reset (ref. par. „Resetting the handset“), you can reset the base station. This restores all the user selectable features under the „BS Settings“ menu to the factory preset initial settings. The base station reset can help to solve some logical malfunctions related to the base station. To reset the base just follow these steps:

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the arrow keys to choose „6: Base Reset“, then press the SELECT soft key. The display asks you to confirm the base reset.
5. At this time:
If you want to reset the base station, press the OK soft key.
If you don't want to reset the base station, press the CANCEL soft key.



Resetting the base station does not affect the handsets registered to the base station.

Emergency call mode

Description of emergency call mode

With emergency call mode set (can be turned on/off via the menu), if necessary an emergency call can be triggered using the emergency call key (!) on the handset.


- In emergency call mode, emergency calls have priority over nearly all other telephone functions.

Base settings

- When emergency call mode is set, the emergency call key lights. Because of this reason, the **handset has to be charged daily!**
- „Emergency call mode“ do not work, if you use other manufacturers' base stations.
- Before you turn on emergency call mode, it is necessary to store the emergency numbers!

Storing emergency numbers

You can store a maximum of 4 emergency numbers. When the emergency call is activated, these are dialed in sequence. Each emergency number may have a maximum of 24 digits.

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the arrow keys to choose „8:Emergency Call“, then press the SELECT soft key.
5. Press the arrow keys to choose „2:Store Number“, then press the SELECT soft key.
6. Press the arrow keys to select the memory location (1...4), then press the OK soft key.
7. Enter the call number and press the EDIT key.
8. Press the SELECT key to access „1:Save Number“. The emergency call number is stored.
9. Select further memory locations or press the  key to exit.




If necessary, one or more dialing pauses can be stored. After step 7, press the arrow keys to choose „2:Insert Pause“ and confirm by the soft key SELECT. Enter the following digits of the number and press the EDIT soft key. Continue with step 8.

Base settings

Turning emergency call mode ON/OFF

Important:

Before you turn on emergency call mode, it is necessary to store the emergency numbers!

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the arrow keys to choose „8:Emergency Call“, then press the SELECT soft key.
5. Press the SELECT key to access „1:Emergency Mode“.
6. Press the arrow keys to select "ON" or "OFF", and press the SELECT key.
7. Select further settings. Or or press the  key to exit.



When emergency call mode is set, the emergency call key lights.

Sending out an emergency call

When the emergency call key is **held down for a few seconds**, up to 4 stored emergency numbers are dialed one after another.

Hold down the emergency call key (!) for a few seconds. In the display appears the emergency no. (1-4) currently being dialed, and the call duration.

Base settings


Process of an emergency call

Person seeking help

Press emergency key (!) of the handset.

The handset is automatically switched to the handsfree mode.

End conversation:

Press the  key of the handset.

Recipient of an emergency call

DTMF-telephone is ringing. Pick-up the handset. The emergency S.O.S. signal-sequence is heard. Press number key 5 (acknowledgement). The emergency S.O.S. signal-sequence is stopped.

Conversation with person seeking help.



- Enclosed, you will find 4 information cards for the recipient of the emergency call. Fill in the card and pass them on to the people whose call numbers you have stored as emergency numbers in your telephone. In case of an emergency call, those people will then know what to do.
- The telephone of the recipient must be set to the tone dialing mode (DTMF).
- If the recipient do not answers, the telephone dials the next number.
- If an emergency call is accepted by a recipient but not acknowledged using the 5 key (see above), the telephone classifies the emergency call as not accepted and dials the next number.
- If an emergency call is picked up an answering machine, the telephone classifies the emergency call as not accepted and dials the next number.

Manually disrupting an emergency call

If you have accidentally triggered the emergency call, you can stop it again using the following procedure.

Press repeatedly the star key * and the INT key.

Base settings

Making special emergency call settings


Your telephone's default settings are as follows:

- After an emergency call has been triggered, the telephone dials the sequence of stored numbers up to 9 times (number of sequences = 9).
- After an unsuccessful sequence, the telephone waits 3 minutes before it starts the next sequence (pause after unsuccessful sequence = 3 min.).
- The time, in which the emergency number is dialled, the telephone called and the S.O.S. tone sequence can be heard is 90 seconds (duration of active connection = 90 sec.).
- When connecting to an emergency server, it is possible for them to use the emergency identification code, in the form of a numeral sequence of DTMF tones, to receive information about the caller (default setting: no code specified).

If you do not want to change these settings, you can skip the programming steps in this section.

Setting the number of sequences


A sequence is defined as a single, sequential dialling of all programmed emergency numbers.

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the arrow keys to choose „8:Emergency Call“, then press the SELECT soft key.
5. Press the arrow keys to choose „3:Call Sequence“, then press the SELECT soft key. The set number of sequences is displayed.
6. Select the number of sequences (1-9) using the arrow keys and press the OK soft key.
7. Select further settings. Or press the  key to exit.

Base settings

Pause after unsuccessful sequence

You can set the duration (1-9 minutes), for which the telephone waits after an unsuccessful sequence.


1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the arrow keys to choose „8:Emergency Call“, then press the SELECT soft key.
5. Press the arrow keys to choose „4:Pause Time“, then press the SELECT soft key. The set pause duration is displayed.
6. Select the pause duration (1-9 minutes) using the arrow keys and press the OK soft key.
7. Select further settings. Or press the  key to exit.

Duration of active connection

The "Duration of active connection" is the time, in which the emergency number is dialed, the telephone called and the S.O.S. tone sequence played back. Example: The telephone's default setting is 90 seconds. The S.O.S. tone sequence is played for this entire time (although it can only be heard when the call is accepted). If a recipient answers the call after 60 seconds, he will hear the S.O.S. tone sequence for a maximum of another 30 seconds. You can set a duration from 30 – 99 seconds. Do not select too short a duration, so that the tone sequence will still be heard, if there is a delay in the handset of the telephone called being lifted.


1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.

Base settings

4. Press the arrow keys to choose „8:Emergency Call“, then press the SELECT soft key.
5. Press the arrow keys to choose „5:Duration“, then press the SELECT soft key. The set duration is displayed.
6. Delete figures using the CLEAR soft key. Enter the desired duration (30 – 99 seconds) using the number keys and press the OK soft key.
7. Select further settings. Or press the  key to exit.

Emergency call identification code

If the emergency call is answered by an emergency server, the emergency identification code (max. 20-digits), in the form of a numeral sequence of DTMF tones, can provide the recipient with information about the caller.


1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the arrow keys to choose „8:Emergency Call“, then press the SELECT soft key.
5. Press the arrow keys to choose „6:ID-Code“, then press the SELECT soft key.
6. Enter the ID-Code using the number key and press the OK soft key.
7. Select further settings. Or press the  key to exit.

Storing call numbers to speed dialing keys

How to dial with the keys see paragraph „Using the base station speed dialing keys“ on page 21.

Base settings

You can store 4 speed dialling numbers (max. 24-digits):

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „BS Settings“, then press the SELECT soft key.
3. Enter the current base PIN and press the OK soft key.
4. Press the arrow keys to choose „9:Direct No.“, then press the SELECT soft key.
5. Press the arrow keys to choose the desired memory location (1-4), then press the SELECT soft key.
6. Enter the call number and press the EDIT key.
7. Press the SELECT key to access „1:Save Number“. The emergency call number is stored.
8. Select further memory locations or press the  key to exit.



If necessary, one or more dialling pauses can be stored. After step 6, press the arrow keys to choose „2:Insert Pause“ and confirm by the soft key SELECT. Enter the following digits of the number and press the EDIT soft key. Continue with step 7.

Favorite (special functions)

With this menu you can access to several special functions: Walkie-Talkie, Room Monitoring and SMS.

Walkie-talkie

Two handsets can talk each other like walkie talkies without engaging the line. To do so, they must be set on the same radio channel.

Activating walkie-talkie

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „Favorite“, then press SELECT soft key.
3. Press the arrow keys to choose „1:Walkie-Talkie“, then press the SELECT soft key. The phone asks you to enter a channel number.
4. Enter a 4-digit channel number you want, and press the SELECT soft key. The display shows „Walkie-Talkie“.
5. Be sure that your party at the other handset is set on the same radio channel. In this case you can use your handset as a walkie-talkie and talk with him.



The handset cannot be used as a phone while in walkie-talkie mode.

Deactivating walkie-talkie

In standby mode, just press the EXIT soft key. Your phone restores the normal working condition.

Room Monitoring

You can monitor rooms, in which your easyDECT XL 2 is located, from elsewhere. Requirement: The "Room monitoring" function must be enabled on the handset in the room to be monitored. The telephone, with which you dial from elsewhere,

Favorite (special functions)

must be set to DTMF dialing mode. Lift the handset and dial the call number. Base station and handset of easyDECT XL 2 ring once and the telephone ties up the line. Then enter the four-digit access code.


The handset of easyDECT XL 2 switches to listening mode and you can hear what is happening in the room. If you prefer "silent monitoring" without the single ring, you should deactivate the ringing tone on the base station and the handset (see Page 39).



- Make sure that you observe data protection laws when using "silent monitoring".
- Before you turn on the "Room monitoring" function, the access code must be programmed (see paragraph below)

Changing the access code for room monitoring


The 4-digit access code for room monitoring is not preset and must be entered by the user. You can change your access code at a later date if necessary. Entering the code initially and any subsequent changes use the following procedure:

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „Favorite“, then press SELECT soft key.
3. Press the arrow keys to choose „2:Room Monitor“, then press the SELECT soft key.
4. Enter the current base PIN and press the OK soft key.
5. Press the arrow keys to choose „2:Monitor Code“, then press the OK soft key.
6. Enter the Monitor Code (4 digits) using the number key and press the OK soft key. (The code 0000 is not permitted and will not be accepted!).
7. Press the  key to exit.

Favorite (special functions)

Turning the "Room monitoring" function on the handset on/off

Before turning the function on, it is necessary to store the monitor code.

1. Press the MENU soft key to display the main menu items.
2. Press the arrow keys to choose „Favorite“, then press SELECT soft key.
3. Press the arrow keys to choose „2:Room Monitor“, then press the SELECT soft key.
4. Enter the current base PIN and press the OK soft key.
5. Press the arrow keys to choose „1:Monitor Mode“, then press the SELECT soft key.
6. Press the arrow keys to to select "ON" or "OFF", and press the „OK“ key.
7. Select further settings. Or or press the  key to exit.



Turn the "Room monitoring" function **off again after use**. If the function remains turned on, the telephone only rings once for an incoming call (or not at all if you have turned the ringing tone off).

SMS, Email* and Fax*

Using the SMS menu, you can create, send, receive, and save your text messages. You can also use the SMS to send fax or email messages (text only).

To enable the SMS feature, you must subscribe to the SMS service supplier and set the service center numbers in your phone before using it.


- Services such as SMS, SMS-to-email and SMS-to-Fax are available only if provided by your local telephone network.
- You can access to the SMS menu only when the handset is inside the radio coverage of the base.

* This feature may not be available with your easyDECT XL 2 country version.

Favorite (special functions)

Setting service center number

To enable the SMS feature you should ask your service supplier the service center numbers and store it in your phone as follows:

1. Press the MENU soft key, then press the arrow keys to choose „Favorite“, then press SELECT soft key and select „3:SMS“ by the arrow keys. Press the SELECT soft key.
2. Press the arrow keys to choose „5:SMS Settings“, then press the SELECT soft key.
3. Press arrow keys to choose „1:Service Ctr1“ or „2:Service Ctr2“, then press the SELECT soft key.
4. Enter the service number using the numeric keys. You can enter up to 16 digits and press the OK soft key to save the setting.
6. To exit, press the  key.




- You can access the SMS menu only when the handset is inside the radio coverage of the base.
- At step 3, please note that Service Ctr1 is for messages being sent and Service Ctr2 are for messages being received.

Setting terminal number*

When more than one handset is registered to one base, setting the terminal number on each handset is required. It allows the message sender to specify the handset which will receive the message by entering the addressee's terminal number. You can set each terminal number with a number from 1 to 9.

- You can enter the same terminal number in more than one handset.
 - If you do not enter the terminal number, the handset is automatically set to the terminal number 1.
1. Press the MENU soft key, then press the arrow keys to choose „Favorite“, then press SELECT soft key and select „3:SMS“ by pressing the SELECT soft key.

Favorite (special functions)

2. Press the arrow keys to choose „5:SMS Settings“, then press the SELECT soft key.
3. Press the arrow keys to choose „3:Terminal No“, then press the SELECT soft key.
4. Enter the 1-digit terminal number using the numeric keys. You can also use the arrow keys.
5. Press the SELECT soft key to save the setting.
7. To exit, press the  key.

* This feature may not be available with your easyDECT XL 2 country version.

Writing and sending a new message

You can create a text message containing up to 160 alphanumeric characters and send it as a SMS, fax or e-mail message.

Sending SMS

1. Press the MENU soft key, then press the arrow keys to choose „Favorite“, then press SELECT soft key and select „3:SMS“ by pressing the arrow keys. Press the SELECT key.
2. Press the SELECT soft key to choose „1:Write Message“.
3. Enter the message text (up to 16 characters) by using the alphanumeric keys, then press the OK soft key.
- (4. Press the SELECT soft key to choose 1:SMS)*
5. Press the arrow keys to choose „1:Enter Number“ or „2:Search Number“.



Enter Number allows you to manually dial a phone number by using the numeric key.

Search Number allows you to select a number from the phonebook.

6. Enter the phone number where you want to send the message or

Favorite (special functions)

select it from the phonebook entries (by using the **or** key and the **SELECT** soft key), then press the **OK** soft key.

7. Press the arrow keys to choose the operation you want to do with the just typed SMS message:
 - **Send** – sends the message immediately.
 - **Save Only** – saves the message in the Outbox without sending it
 - **Terminal No** - enters the other party's terminal number.*
 - **Notification** - activates or deactivates the notification feature. If activated, the service provider informs you whether or not your message has been successfully sent.*
 - **Public Key** – associates an alphanumeric public key and a numeric reception code to the message. This avoids that unauthorized users could read the message. For details about the public key and reception code, see par. „Setting the Public Key“.*
8. Press the arrow keys to choose the required option. To send the message just select „Send“. The message is transferred to the selected destination as described in the par. „Message Transmission“.



- At step 3, to shift the case, press the ***** key while entering text. For details about entering the text please see the par. „Entering a name“.
- If you have an incoming call while creating a message, you can retrieve the message after answering the call. When you access the „1:Write Message“ option, if there is an unsent message the display shows „Want to edit your last message?“. You can choose „Yes“ to finish writing the message and send it. To cancel, select „No“, you will be prompted to write a new message.

Sending a Fax message*

1. Just start writing a normal SMS as described in steps from 1 to 3 in par. „Sending SMS“.
2. Press the arrow keys to choose „2:Fax“ and press the **SELECT** soft key. The display prompts you to enter the fax header (e.g. your

Favorite (special functions)

name or the one of your office/company).

3. Enter the fax header, then press the OK soft key. You can enter up to 80 characters including spaces. For details about entering the text, please see the par. „Entering a name“.
4. Enter a fax number, and press the OK soft key.
5. Press the arrow keys to choose „Send“, then press the OK soft key. The fax message is transferred to the selected destination as described in the par. „Message transmission“.



At step 5 you can also select „Save Only“, in this case the fax message is saved in the outbox without being sent.

Sending an email message*

1. Just start writing a normal SMS as described in steps from 1 to 3 at par. „Sending SMS“.
2. Press the arrow keys to choose „3:Email“ and press the SELECT soft key. The display prompts you to enter your party's email address.
3. Enter the e-mail address using the alphanumeric keys, then press the OK soft key. See the bottom note for details.
4. Press the arrow keys to choose „Send“, then press the OK soft key. The email message is transferred to the selected destination as described in the par. „Message transmission“.



- At step 3, you can enter an address up to 80 characters, spaces included. To enter @, use the 1 key as described in par. „Entering a name“.
- At step 4 you can also select „Save Only“, in this case the email message is saved in the outbox without being sent.

Favorite (special functions)

Message transmission

When the message is being sent, the display shows „Sending SMS“ and then shows „Success!“ or „Fail!“ according to the sending result.

When the sending is successful, the display shows „Save Message?“ Use the arrow keys to save the message in the Outbox or not.

If the sending fails, the display shows the following options:

- Transmit Again – retries to send the message.
- Save Message - saves the message in the Outbox

Use the arrow keys to select the required option.

* This feature may not be available with your easyDECT XL 2 country version.

Viewing received messages

While a message is being received, the display shows „Receiving SMS“. Then, if the message is received properly, the display shows „New Message“ until you read the message or you press any key.


If the message is set with an alphanumeric public key, the display shows it instead of the sender's phone number. This is to prevent an unauthorized person from reading the message. If you want to read the message, you must enter the password that you have associated with the public key in the Key settings menu. For further details, see the par. „Setting the public key“.

Your phone stores up to 20 messages recently received in the Inbox on your phone. You can receive a message of 640 characters long. When you access Inbox under the Message menu, you can read and edit the received messages.

Viewing a received message:

1. Press the MENU soft key, then press the arrow keys to choose „Favorite“, then press SELECT soft key and select „3:SMS“ by pressing the SELECT soft key.
2. Press the arrow keys to choose „2:Inbox“, then press the SELECT soft key. The list of the messages you have received is displayed. Already read messages are marked with a check symbol.

Favorite (special functions)

3. Select a message that you want to read using the arrow key, and press the SELECT soft key. The display shows the sender's phone number, the message text, and the time in which you received the message.
4. You can access the following options by pressing the OPTION soft key:
 - Delete – deletes the selected message.
 - Reply – replies by sending your reply message.
 - Forward – sends the received message to other person.
 - Make a Call – allows you to call the sender back.
 - Save Number - saves the sender's phone number in your phonebook.
5. Press the  key to exit.

Using outbox

The Outbox on your phone stores the last 20 outgoing short messages, fax and e-mail messages (both the successfully sent ones and the failed ones). Moreover, if you have an incoming call while creating a message, the message will be automatically stored in the outbox so that you can recall the message after answering the call. If necessary, you can review or resend any messages stored in the outbox.

To view a message in the outbox:

1. Press the MENU soft key, then press the arrow keys to choose „Favorite“, then press SELECT soft key and select „3:SMS“ by pressing the arrow keys. Press the SELECT soft key.
2. Press the arrow keys to choose „3:Outbox“, then press the SELECT soft key.

The display shows the list of the outgoing messages. For e-mail messages, the first part of the e-mail address is displayed instead of the phone number.
3. Select a message that you want to read using the arrow key, and

Favorite (special functions)

press the SELECT soft key. The display shows the addressee's phone number (not for e-mails), the message text, and the time in which you sent the message.

4. While you read the fax or e-mail, you can press the OPTION soft key to view the fax header or email address.
5. To access the options, press the OPTION soft key again. The following options are available:
 - Delete – deletes the selected message
 - Send Same Msg – allows you to send the message as it is.
 - Edit Msg - allows you to edit the message and then send it.

Moreover, only for SMS messages, the following additional options appear:

- Make a Call – allows you to call the sender back.
- Save Number - saves the sender's phone number in your phonebook.

6. Press the  key to exit.

Deleting all messages

You can delete all of the messages stored in the Inbox and the Outbox as follows:

1. Press the MENU soft key, then press the arrow keys to choose „Favorite“, then press SELECT soft key and select „3:SMS“ by pressing the arrow keys. Press the SELECT soft key.
2. Press the arrow keys to choose „4:Delete All“, then press the SELECT soft key.
3. Press the arrow keys to choose „Inbox All Del“ or „Outbox All Del“ and press the SELECT soft key. The first option deletes all the messages stored in the inbox, the second one deletes all the messages stored in the outbox.
4. The display prompts you to confirm the deletion. If you really want to

Favorite (special functions)


delete all press the messages the SELECT soft key, if not press the CANCEL soft key.

5. Press the  key to exit.

Setting the public key (confidential messages)*

With this feature you can prevent an unauthorized person from accessing your private messages. You can store up to 3 alphanumeric public keys and associate each of them to a numeric password. After setting your public keys/passwords, you can give a public key to any one needing to send you a private message. When you receive a message protected by a public key, the message cannot be opened unless you enter the associated password.

To set the public key:

1. Press the MENU soft key, then press the arrow keys to choose „Favorite“, then press SELECT soft key and select „3:SMS“ by pressing the arrow keys. Press the SELECT soft key.
2. Press the arrow keys to choose „6:Key Settings“, then press the SELECT soft key.
3. Press the arrow keys to choose the desired Public Key memory cell, then press the SELECT soft key.
4. Enter the alphanumeric public key you want to use and press the SELECT soft key. You can enter up to 5 characters following the directions stated in par. „Enter a name“.
5. Enter a 4-digit password to associate to the public key and press the SELECT soft key.
6. Enter the password once again to confirm it and press the SELECT soft key.
7. Press the  key to exit.

Favorite (special functions)



The public key feature is a typical function which could be available in the fixed and cordless SMS-featured phones only, so it is not available in the mobile phones.

* This feature may not be available with your easyDECT XL 2 country version.

Appendix

Maintenance

Your DECT phone doesn't need particular maintenance operations. Just follow what stated in the notes and warnings in this manual, particularly what is included in "Warning notes" at the beginning of this manual as well as in the paragraphs „Setting up“ and „Battery checking and handling“.

Cleaning the cordless phone

Should you need to clean your cordless phone, please use only a soft and dry cloth to remove the dust. In case it becomes particularly dirty, you can slightly dampen it with water avoiding to clean the charging contacts with it.

Please keep always cleaned the charging contacts at the handset and base side by using a soft and dry cloth to remove the dust. If they become particularly dirty, gently rub them with a very soft rubber eraser for pencils.



Don't use alcohol, cleaners, aerosol or abrasives to clean the handset.
Don't use the dampened cloth near the charging contacts

Troubleshooting

Symptom	Possible cause	Solution
The handset doesn't switch on	Batteries discharged or not (well) installed.	Try charging the handset for few minutes, then remove it from the base. If it still doesn't switch on, check the battery installation.
	Batteries damaged or not suitable	If you already did the above stated operation unsuccessfully, try replace the batteries.
	Faulty handset	Contact an authorized service centre.

Appendix

Symptom	Possible cause	Solution
Handset works, but doesn't access the base station.	No power connection in the base station. Handset not registered to the base station or lost of registration.	Ceck the connection of the AC power adapter Try registering the handset to the base.
Handset works and access the base unit, but no dial tone is heard.	Wrong connection of the phone line cord.	Check the connection of the line cord.
Handset works perfectly, but the numbers are not dialed to the line.	You have set the dial done multi frequency system (DTMF), but your line doesn't support it.	Try selecting the pulse dial.
Handset works perfectly, but you hear a beep during the phone calls.	Batteries near to be fully discharged	Check the batterie charge and charge it if necessary.
Noice and audio interferences on your phone calls.	Handset too far from the base.	Get closer to the base station.
Handset works perfectly, but doesn't ring with incoming calls.	Ring volume level set to OFF.	Select another ring level.
Handset can only receive calls. Keypad locked.	You have disabled the keypad lock function.	Try by keeping the * key.
The phone doesn't dial certain numbers	Outgoing calls barring function activated.	Chek the call barring function and change it if necessary.
Phone doesn't work properly with some special services or if connected to an exchange extension (PABX).	Flash time not properly set.	Check the flash time.

Appendix

Symptom	Possible cause	Solution
Battery duty is very low.	<p>You regularly charged the battery with more than one bar.</p> <p>Charging contacts not clean</p> <p>Batteries life reached the end.</p>	<p>See par. „Battery checking and handling“</p> <p>Clean them.</p> <p>Replace the batteries.</p>
Logical malfunctioning in the handset or base station.	<p>AC power adapter supply noise or electrostatic spikes could temporarily altered the internal memory.</p> <p>Faulty handset or base unit.</p>	<p>Try performing a reset in the handset or base station.</p> <p>Contact an authorized service centre.</p>
SMS feature doesn't work.	No service centres have been set.	Set the service centres.

Technical specifications

Frequency Range	1.88~1.90 GHz
Channels	120 duplex channels
RF carrier Power	< 250 mW (24 dBm)
Modulation	GFSK
Frequency Stability	± 50 kHz
Operation time Ni-MH	Standby: up to 100 hours., Talk time: up to 10 hours
Charging time	15 hours
Ambient temperature	Normal: 15°C - 35°C, Extreme: 0°C - 40°C
Humidity	0 % ~ 90 %
Weight (grams)	Base unit: ca. 305 g (without batteries) Handset: ca. 168 g (without batteries)
Size (LxBxH)	Base unit: ca. 124,5 x 197,5 x 76,0 mm Handset: ca. 173,0 x 62,5 x 35,2 mm

Appendix

Power supply Base input: DC 9V, 300/150 mA
 Handset input: 1.2V x 2, 1300 mA

Service

You have purchased a modern product of TIPTTEL AG, which was designed and manufactured in Ratingen near Düsseldorf. Our high-tech manufacturing facilities “Made in Germany” grant a continuous level of the highest quality. This is even underlined by our certification according to DIN EN ISO 9001. If, however, problems occur or you have questions on operating the device, please contact your local dealer.

Guarantee

Please contact your local dealer or importer for details of guarantee for non EC countries. Within the European Community the following guarantee regulation applies: Your contact for services arising from guarantee obligations is the authorised dealer where you bought the device.

TIPTTEL AG will grant a guarantee of 2 years from the date of handover for the material and for the manufacturing of the telecommunications terminal unit. Initially, the purchaser shall have only the right of subsequent performance. Subsequent performance entails either repair or the supply of an alternative product. Exchanged devices or parts shall become the property of the authorised dealer.

If the subsequent performance fails, the purchaser can either demand a reduction in the purchase price or withdraw from the contract.

The purchaser shall notify the dealer immediately of any defects found. Proof of the guarantee entitlement shall be furnished by standard proof of purchase (receipt or invoice).

The guarantee entitlement shall expire if the purchaser or an unauthorised third party interferes with the device. Damage caused by inappropriate handling, operation, storage or by force majeure or other external influences shall not be covered by the guarantee.

The guarantee shall not cover any consumable material (e.g. batteries) or defects that only slightly impair the value or the usability of the device.

Claims for damage caused by transport shall be asserted to the delivery company.

Appendix

Notes on settlement:

Repairs can only be conducted by the TIPTEL Service. A warranty repair does not prolong the warranty period – neither for the replaced parts nor for the device. This guarantee is not transferable and shall expire if the device is sold on to another party. It shall also expire if the device is interfered with by third parties or if the serial number on the device has been removed or made illegible. There is a guarantee seal on the tiptel easyDECT XL 2. Please do not damage or remove this seal because otherwise, your guarantee will expire.

The General Terms and Conditions of TIPTEL AG, which are part of the contract for a dealer, shall also apply. In the event of a complaint, the defective product shall be sent to the relevant TIPTEL subsidiary, the importer or dealer along with a description of the defect and the proof of purchase.

CE sign

This device is approved for the connection and use within the analogue public telephone networks in all EC countries – according to the European Requirements. Due to technical deviations in individual countries, we cannot grant an unlimited guarantee for the successful operation at all types of telephone accesses.

TIPTEL AG hereby declares that the device complies with all fundamental requirements of the European directive „1999/5/EEC“, 89/336/EEC (electromagnetic compatibility) and 73/23/EEC. This conformity is confirmed by the CE sign on the device. Further details on the declaration of conformity can be found under the following internet address: <http://www.tiptel.org>

Ecological information

During the normal use of the telephone you will not have any contact to substances damaging to your health. The device is not battery-operated. The plastics used for manufacturing this device exclusively consist of partially recycled granules. The packaging materials do not consist of plastics but of partially recycled cardboard and paper.

If you do not have further use of your tiptel easyDECT XL 2, TIPTEL AG will take back the device without any charge. The device will be properly taken to pieces for recycling.

Index

A

- AC adapter 9, 10
- Access code 50
- Access code for room monitoring 64
- Accessing menu mode 36
- Adjusting ringer of handset 39
- Adjusting voice volume 19
- Alarm 43
- Alert type of handset 42
 - Buzzer 42
 - Ring tone 42
 - Vibration alarm 42
- Alphabetic search 29

B

- Barring outgoing calls 53
- Base PIN 52
- Base settings 52
- Batteries 9, 24
 - Capacity 12
 - Charging 11, 24
 - Checking and handling 24
 - Compartment 10
 - in the base station 9
 - in the handset 10
 - Inserting / replacing 9
 - Remove 16
- Bell & Beep 39
- Buzzer 42

C

- C/O line 9
- Calculator 44
- Call Bar 53
- Call by Call number 34, 49
 - Dialing a Call by Call number 34
 - Storing 49
- Call lists 26
- Capacity 12
- Carrying strap 12

- CE sign 79
- Changing base PIN 52
- Changing flash time 54
- Charging 11
- Cleaning the cordless phone 75
- Connect telephone to C/O line 9
- Connect telephone to "Power" 10
- Corrections before dialing 17

D

- Date 15
- Deactivating a handset 53
- Default telephone setting 37
- Dial mode 14
 - DTMF 14
 - Pulse-dialing 14
- Dialing Pause 29, 56, 62
- Diary 43
- Display 6
- Display language 13
- Disrupting an emergency call 58

E

- Ecological information 79
- Editing or deleting a phonebook entry 30
- Email and Fax 65
 - Sending a Fax message 68
 - Sending an email message 69
 - Setting the public key 73
 - Terminal number 66
- Emergency call mode 55
 - Description 55
 - Disrupting an emergency call 58
 - Duration of active connection 60
 - Identification code 61
 - Pause after unsuccessful sequence 60
 - Process of an emergency call 58
 - Sending out an emergency call 57
 - Setting the number of sequences 59
 - Special emergency call settings 59
 - Storing emergency numbers 56

Index

Turning emergency call mode ON/OFF 57
Entering a name 28

F

Fax 65
Flash signal 20
Flash time 54
Fuzzy dialing 22

G

Guarantee 78

H

Handset settings 46
Handsfree mode 19, 22
Headset 12

I

Icon 7
Incoming calls 32
 Options 33
 Searching for and dialing a number 33
Inserting plate and plastic cover 11
Installing the base station 8

K

Key assignment on the base station 6
Key assignment on the handset 4
Key lock 25
Key tone 39

L

Language 47
Last dialed numbers 20
Locking keys on handset 25
Loudspeaker volume on base station 21

M

Maintenance 75
Making a call 17

Manually disrupting an emergency call 58
Menus 36
 Accessing menu mode 36
 Default telephone setting 37
 Options 37

N

Name plate 13
Network code number 34
NiMH 9, 10

O

On hold 19
Operating elements 4
Out of range indication 24
Outbox 71
Outgoing calls 53
Outgoing calls list 31

P

PABX 55
Paging 25
Pause 29, 56, 62
Phonebook 26
 Alphabetic search 29
 Dialing pause 29
 Editing or deleting a phonebook entry 30
 Entering a name 28
 Scrolling the phonebook list 30
 Searching for and dialing a number 29
 Storing a phone number 26, 27

PIN 52

Plastic cover 11, 13
Plate 11
Police / Fire label 10
Process of an emergency call 58
Putting a call on hold 19

R

Receiving a call 18
Redialing last dialed numbers 20

Index

Redialling the last dialed numbers 31
 Options 32
 Outgoing calls list 31
 Searching for and dialing a number 31
Registering a new handset 47
Removing the cables 10
Resetting the base station 55
Resetting the handset 50
Ringer of base station 40
 Ring type 40
 Ring volume 41
Ringer of handset 39
 Ring type 39
 Ring volume 40
Ringing tone 42
Room Monitoring 63
 Access code 64
 Turning on 65

S

Scope of supply 4
Sending out an emergency call 57
Service 78
Setting access code 50
Setting date & time 15
Setting key tone 39
Setting up 8
Setting up the handset 10
SMS 65
 Deleting all messages 72
 Message transmission 70
 Service center number 66
 Using outbox 71
 Viewing received messages 70
 Writing and sending a new message 67
Speakerphone 19
Special emergency call settings 59
 Duration of active connection 60
 Identification code 61
 Pause after unsuccessful sequence 60
 Setting the number of sequences 59

Speed dialing keys 21, 61
 Storing call numbers 61
 Using 21
Standby display 46
Standby mode 17
Storing emergency numbers 56
Strap 12

T

Taking out of operation 16
Technical specifications 77
Temporary tone dial switchover 22
Time 15
Tone dial switchover 22
Transferring a call 22
Troubleshooting 75
Turning emergency call mode ON/OFF 57
Turning handset on / off 14

V

Vibration alarm 42
Voice volume 19
Volume 19, 40
 Loudspeaker 21
 Ring volume 40, 41
 Voice 19

W

Walkie talkie 63

TIPTEL AG

Halskestraße 1

D - 40880 Ratingen

Tel.: 0 18 05 – 84 78 35*

Vanity Tel.: 0 18 05 – TIPTEL*

Fax: 0 18 05 – 84 78 49*

E-mail: support@tiptel.de

Internet: www.tiptel.de

International:

E-mail: export@tiptel.de

Internet: www.tiptel.com

*(0,12 Euro pro Minute)

Tiptel GmbH

Tenschertstraße 5

A - 1230 Wien

Tel.: 01 - 616 78 71

Fax: 01 - 616 78 71 - 22

E-mail: office@tiptel.at

Internet: www.tiptel.at

Tiptel AG

Bahnstrasse 46

CH - 8105 Regensdorf

Tel.: 044 - 884 01 80

Fax: 044 - 843 13 23

E-mail: tiptel@tiptel-online.ch

Internet: www.tiptel-online.ch

Tiptel B.V.

Camerastraat 2

NL – 1322 BC Almere

Telefoon: 0900 – BELTIPTEL of
0900 – 2358478 (niet gratis)

Fax: 036 – 53 678 81

E-mail: info@tiptel.nl

Internet: www.tiptel.nl

Tiptel NV

Leuvensesteenweg 510 bus 4

B – 1930 Zaventem

Telefoon: 0903 99 333 (1,12 Euro / min.)

Fax: 02 714 93 34

E-mail: tech@tiptel.be

Internet: www.tiptel.be

Tiptel sarl

23, avenue René Duguay-Trouin

F – 78960 Voisins-Le-Bretonneux

Tél. : 01 / 39 44 63 30

Fax : 01 / 30 57 00 29

e-mail : support@tiptel.fr

Internet : www.tiptel.fr

Copyright by TIPTEL / DFG
Subject to modifications
(UK) 09/2004
EDV 4935344