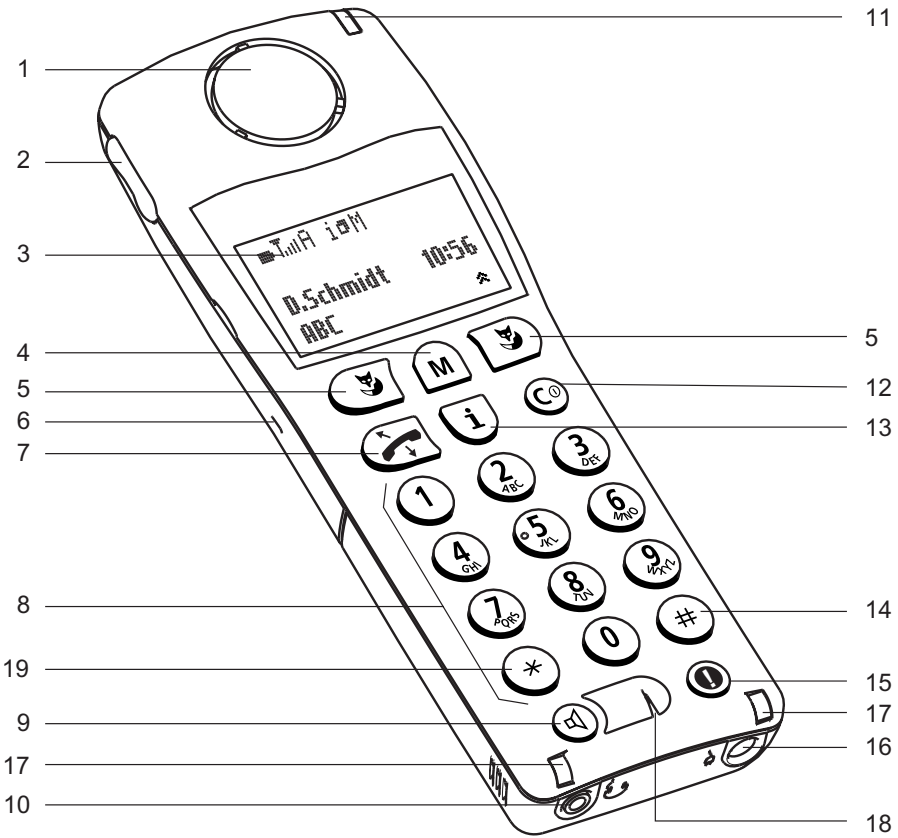




## Ascotel Office 135 / 135pro User's Guide

Ascotel IntelliGate Telecommunication Systems





Some systems or system versions do not support all the features. The corresponding text sections are identified by a letter inside square brackets. The section "System and Software Dependency" indicates which system versions support the relevant features.

## 1 Loudspeaker

### 2 Volume key

Rocker switch:

- Short in a call: Adjusts volume
- Short in text mode (not in a call):  
Cursor right/left

### 3 Display

- Top: Symbols
- Middle: Information
- Bottom: Foxkey functions

### 4 Menu key

Menu access key

- press briefly: Scrolls through Foxkey functions
- press and hold down: Configuration mode

### 5 Foxkey

Multifunction key:

- press briefly: Activates allocated function
- press and hold down: Configures Foxkey, reverses scroll direction

### 6 Sound aperture

Ringing and key confirmation tone

### 7 Call key

Corresponds to off-hook/on-hook, switching phone on

### 8 Keypad<sup>1)</sup>

Digit input:

- press briefly: For entering digits
- Character input in text mode:
- press once briefly, twice, etc., in quick succession: Enters letters

### 9 Loudspeaker key

- press briefly: Loudspeaker on/off
- press and hold down: Call alert menu<sup>2)</sup>

### 10 Headset jack <sup>2)</sup>

### 11 Indicator LED

- Flashing rapidly: Call
- Flashing slowly: Voice Mail, message, or callback
- Flashing at intervals: Loudspeaker on

### 12 C-key

Delete and correction key

press briefly:

- Menu/configuration: Goes back 1 step without saving
  - Input: Deletes last character
- press and hold down:
- Up one menu level without saving
  - In the idle state: Switch the terminal off
  - When the terminal is switched off: Switch the terminal on

### 13 Info key

Calls up additional information if displays shows i-symbol

### 14 #-key

press and hold down: Menu / setting for:

- Display contrast
- Display backlighting
- Range tone
- System Busy Beep

### 15 Hotkey

Freely configurable key for 1 [e] or 6 numbers / names or functions

- press briefly: Hotkey menu
- press and hold down: Configures Hotkey
- If configured as a Redkey [e]: Redkey function is actuated by pressing the key briefly or by holding it down for a moment.

### 16 Charging socket<sup>2)</sup>

### 17 Charging contacts

### 18 Microphone

### 19 #-key







- press and hold down: Switches DTMF mode on/off (depends on system software)

1) Illuminated display on the 135pro




2) 135pro

## Displaysymbols


### State of charge

	Battery full	
	Battery 3/4, 1/2, 1/4 full	
	Battery almost empty	
<Flashing> 	Battery empty: Warning tone	Handset is switched off automatically.
	State of charge undetermined	When new batteries are inserted, it takes a while before the state of charge can be displayed.
<Flashing> 	Flashing battery symbol	Batteries charging





### Loudspeaker volume

	Level 1
	Level 2
	Level 3


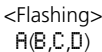

### Reception range

	Within range: Ready for use	<No display>	Out of range
-----------------------------------------------------------------------------------	-----------------------------	--------------	--------------














### Reception quality

	Very good
	Good
	Poor
	Very poor
<No display>	No reception


## Registering on a system

	Phone registered on system A (B, C, or D) and ready for use		Out of range: not ready for use
	Phone not registered on any system		

## Status information

	Text mode activated		Function activated under Foxkey or Hotkey
	Information available		Other menu items available
	Microphone on/off		Configuration mode activated
	Hands-free mode activated		Vibra call activated
	Connection established		Call received
	Function activated (symbol)		Forwarded call
	Call to user group (subscribergroup)		

## Menu-Guided Navigation

-  Scrolling (figure indicates entry number)  
Reversing direction: Press Foxkey with a long keystroke

**Note** For a detailed description of the operating and display elements, please refer to the section "User Guidance".

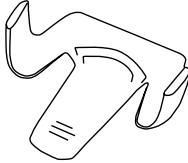
- Operating and Display Elements . . . . . 2
- Equipment Provided . . . . . 7
- Options . . . . . 7
- Safety and Liability . . . . . 9
- Dialling and Phoning . . . . . 12
  - You Receive a Call . . . . . 12
  - You Want to Make a Call . . . . . 13
- Using the Display and Operating Elements . . . . . 16
  - Display . . . . . 16
  - Keys . . . . . 17
  - Input . . . . . 19
  - Menu-Guided Navigation . . . . . 21
  - Signals . . . . . 22
- Using Added Features to Make Efficient Phone Calls . . . . . 23
  - You Want a Convenient Way of Making a Call . . . . . 23
  - You Want to Use Functions while in a Call . . . . . 30
  - You Are Away from Your Desk . . . . . 33
  - You Want to Use Your Phone Efficiently in Special Situations . . . . . 38
- Personalizing Your Phone . . . . . 48
  - Basic Settings . . . . . 48
  - Setting the Ringing Properties . . . . . 52
  - Phone Book Management . . . . . 54
  - Configuring Keys . . . . . 56
  - Formulating Functions . . . . . 59
  - Configuring Phone Functions . . . . . 60
- Using the Phone to Control Outside Systems . . . . . 70
  - Redkey . . . . . 70
- Operating Your Phone on a Third-Party System . . . . . 71
  - Operating Your Phone in GAP Mode . . . . . 71
- Installation and First-Time Operation . . . . . 73
- Troubleshooting . . . . . 75
- Technical Data . . . . . 76
- \*/# Procedures . . . . . 77
- System and Software-Related Functions . . . . . 81
- Menu Overview . . . . . 82
- Index . . . . . 84

Equipment provided: 135 / 135pro phone

Cordless phone



Clip with strain relief for headset cable



Battery pack

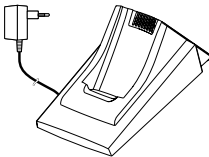


Quick User's Guide and safety information

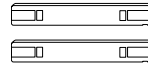


Equipment provided: Charging bay

Charging bay including plug-in power adapter<sup>1)</sup>



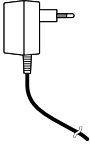
2 attachment tabs for optional equipment



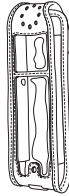
---

1) Country-specific design.

Plug-in power adapter<sup>1)</sup> for direct charging without charging bay



Leather pouch: The headset + plug-in power adapter can be connected through the leather pouch



Headset<sup>2)</sup> – Recommendation: Plantronics CHS142N with ear piece + headphone clip, DanaCom Series 505 and 755 models Falcon, Merlin, Robi. Ask your distribution partner for country-specific model designations and other recommendations



- 
- 1) For 135pro – Country-specific version.
  - 2) For 135pro



## Safety Information

Failure to observe this information can be hazardous and infringe existing laws. Please read the Operating Instructions and keep them for future reference. When handing on your handset to others, make sure you enclose these User Guides.



### Medical equipment

The handset must not be used near medical equipment, such as pacers or hearing aids.



### Availability of telephone connections

Do not rely on your handset as your only means of communication in emergency or critical situations. Availability cannot always be guaranteed.



### Risk of explosion through sparking

Do not use the handset on premises subject to explosion hazards.



### Hands-free mode and Ringing tone

Do not hold the handset up against your ear in hands-free operation and during ringing tone, as the volume is then very high.



### Maintenance

Use original accessories only. Make sure all installation and repair work is carried out by a specially qualified technician. Do not touch the charging contacts with sharp, metallic, and/or greasy objects.

Always use a soft, moistened, or antistatic cloth to clean your handset. Do not use chemicals or other chemical products.



### Cost control

You should protect your handset with a code so that no-one can make phone calls at your expense. A code will also protect your personal settings.

When carrying the handset around, you should lock the keypad so it cannot be accidentally activated.



## Ambient conditions

Do not operate the handset outside the temperature range of +5 °C to approx. +40 °C. Avoid direct sunlight and other sources of heat.



Protect your handset against the wet, heavy dust, corrosive liquids and steam.

Do not expose your handset to electromagnetic fields (electric motors, household appliances). The speech quality could be affected. To prevent interference, avoid placing your handset in the immediate vicinity of computers, radios, TV sets, VCRs, and other telephone sets.



## Disposal

Be sure to dispose of your handset and its packaging in an environmentally compatible way; alternatively send it back to your supplier or servicing agent.

## Intended Purpose

This telephone is designed exclusively for making and receiving phone calls on the appropriate system. The handset can also be operated on foreign language systems in GAP mode.

## Dealing with batteries

Please observe the following rules and regulations when dealing with batteries

General rules when dealing with batteries:

- Never tamper with or dismantle the battery pack and/or the batteries
- Never replace or repair either the phone cord or the connector yourself.
- Never immerse the battery pack in water or throw it into a fire.
- Do not expose the battery pack to high temperatures.
- Battery power gradually diminishes with use. We recommend that you replace the battery pack after approx. 2 years to guarantee the maximum availability of the phone.

When putting your mobile phone into operation:

- Only use the Ni-MH battery pack supplied by the manufacturer.
- Take note of the instructions in the "Installation" chapter and follow the procedure described there.
- It takes two to three charging cycles for the batteries to reach their fully charged state.
- Only use the charging bay supplied by the manufacturer or the optional original plug-in power adapter to recharging the batteries; otherwise the batteries may be damaged.
- For the charging bay only use the plug-in power adapter supplied by the manufacturer.

When operating your mobile phone:

- It is normal for the batteries to become warm when charging.
- Discharge the batteries from time to time to prolong their service life. To do so do not place the phone back into the charging bay until the batteries are completely or almost completely discharged.

To replace the battery pack:

- Switch off the phone before removing the battery pack.
- Only use the original battery packs and charging units approved by the manufacturer. To do so, contact your supplier or servicing agent.

To store the phone or battery pack:

- If you do not intend to use the phone for some time, switch off the phone and take out the battery pack.
- Store the battery packs at room temperature. Above-average temperatures tend to reduce the service life of batteries.

To dispose of the battery packs:

- Do not throw away the batteries with your domestic waste. Take the battery pack to an appropriate collection point for recycling or send it back to your supplier or servicing agent.

### **Exclusion of Liability**

This product is manufactured in accordance with ISO 9001 quality criteria.

This product and the user information supplied with it have been produced with the utmost care.

The product's functions have been tested and approved after comprehensive conformity tests.

Nonetheless errors cannot be entirely excluded. The warranty is limited to the replacement of defective hardware.

The manufacturers shall not be liable for any direct or indirect damage that may be caused by incorrect handling, improper use, or any other faulty behaviour on the part of a product. Potential hazards are mentioned in the relevant places in the User Guides. Liability for loss of profit shall be excluded in any case.

## You Receive a Call

This section explains the procedure for answering a call.

### Answering a Call

Your phone is ringing and the indicator LED is flashing. To answer the call, proceed as follows:

**Warning!**

The volume of the ringing call can become very loud. Do not hold the sound aperture up to your ear.



Press the Call key.

– or –



Press the Loudspeaker key.

The hands-free mode is activated.

**Note**

If the caller's phone number is received, it is shown on the display. If the phone number is stored on the phone or in the system, the display also shows the corresponding name. If there is not enough space on the display, a "+" appears; you can then use the Info key to display additional information.

### Ending a Call

You want to end the call.

After the call, you can display the call duration or retrieve it using the Info key. Call charges are also displayed after an external call which you initiated, provided your provider supports this function.



Press the Call key.

– or –



If no hands-free mode: Put your phone in the charging bay.

– or –



Hands-free mode and phone in the charging bay: Press the Loudspeaker key.

## You Want to Make a Call

This section explains the different ways you can make a call with your phone.

### Dialling with the Phone Number

You want to call someone and key in that person's phone number.



Use the digit keys to key in the phone number.  
The display shows the phone number.

#### Note

You can use the C-key to delete any incorrect digits.



Press the Call key.  
The person is called.

### Dialling with Redial

You want to call one of the parties who called you recently.

Your phone automatically stores in the last-number redial list the phone numbers of persons who have called you – and their names, if available. You can call these persons back using the last-number redial list.

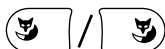


Press the Menu key repeatedly until "Redial" appears.

Redial



Press the "Redial" Foxkey.  
The display shows the phone number last dialed.



To scroll through the maximum of 10 phone numbers last dialed, press the "\*" Foxkey repeatedly.



Press the Call key.  
The phone number displayed is dialed.

## Using Your Phone in Hands-Free Mode

You want other people to join the conversation or to have your hands free while making the call.

The sound quality can be improved by keeping the volume of your phone as low as possible.

Your phone features two types of hands-free operation:

- Your phone is in the charging bay.
- Your phone is not in the charging bay.

**Warning!** The volume of the phone rises sharply during hands-free operation. Do not hold the phone up to your ear.



Your phone is not in the charging bay: Press the Loudspeaker key.  
Hands-free mode is activated.

– or –



Your phone is in the charging bay: Press the Call key.  
Hands-free mode is activated.

**Note** The volume increases from quiet to the value last set for hands-free mode. Make sure the microphone is not obstructed.



To deactivate hands-free operation when the phone is in the charging bay: Take the phone from the charging bay.  
Normal mode is now activated.

– or –



To deactivate hands-free operation when the phone is not in the charging bay: Press the Loudspeaker key.  
Normal mode is now activated.

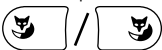
**Note** The Call key ends a call in hands-free mode. A call remains in hands-free mode if you put your phone back in the charging bay.

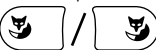
## Muting the Microphone

In the middle of a call you want to talk briefly with other persons in the room without your call partner hearing your conversation.

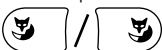
You can switch the microphone on and off during a call.

Microphone



Switching the microphone off: Press the "Mic" Foxkey.  
The display shows the symbol .

Microphone



Switching the microphone on: Press the "Mic" Foxkey.

## Using a Headset<sup>1)</sup>

You want to make phone calls without having to hold the phone.

The headset comprises the headphones, microphone, and a button. To answer and to end calls, you simply press the button on the headset. Once the headset is plugged in to your handset, the phone's microphone and loudspeaker are deactivated. In hands-free mode, only the phone's loudspeaker is activated, not the phone's microphone.



Answering or ending a call: Press the key.



Adjusting the headphone volume: Press the Volume key on the phone.

### **NOTE**

Headsets by other manufacturers can cause malfunctions (e.g. automatic answering).

---

1) 135pro

## Display

### Abbreviations

Depending on the display space available, certain terms may be abbreviated, e.g. "Announ." for "Announcement". The abbreviations though can be easily understood.

### Navigating through the Foxkey menu

The Foxkey provides the functions available for the current situation.

An "M" in the display's symbol area tells you that you can use the Menu key to show further Foxkey options.



Press the Menu key repeatedly until you come to the option you want.

### Navigating through info lines

In the idle state or when you are reading display texts the display shows an "i" in the symbol line.

An "i" in the display tells you that there is a list of callers, messages, or active functions available in various info lines. Use the Info key to scroll through info lines.

If there is not enough space on the display to show the entire text, a "+" appears. Press the Info key to see the rest of the text.



To retrieve info lines: Press the Info key repeatedly until the information appears.

**Note** After the last info line, the display shows the idle text again.



To see the rest of the text: Press the Info key.  
The display shows the rest of the text.

**Note** Press the Info key as often as necessary to read the entire text.



## Keys

### Pressing a Key

Depending on the situation and operating mode, a key may have various functions. The function activated depends on the number of times the key is pressed or whether it is pressed quickly or held down for a moment. Here are some examples:



Press the key.

<long>

Keep the key held down for a moment (about 2 seconds).



<2x, 3x, 4x, etc.>

In text mode, press the key twice, three times, four times, etc.



### Using the Foxkey

The Foxkey has variable functions. These functions are displayed above the key.



Press the Foxkey under the desired function on the display.

## Key Assignment

Holding a given key down for a moment (about 2 seconds) lets you jump to menu items, display information, or activate special functions. Here are some examples:



<long> Configures the Foxkey or reverses the scroll direction



<long>

- Foxkey
- When the terminal is switched off: Switch the terminal on



<long> Activates the configuration mode



<long>

- Up one menu level without saving.
- In the idle state: Switch the terminal off.
- When the terminal is switched off: Switch the terminal on



<long> Switches systems



<long> Information for the system administrator



<long> Information for the system administrator



<long> Displays the reception quality and current radio unit



<long> Displays the phone's software version



<long> Displays the battery charge state



<long> Information for the system administrator



<long> Locks keypad – autom. Unlocks for incoming call



<long> Locks the keypad – unlocks manually, also necessary for incoming calls



<long> Switches DTMF mode on/off (depending on system software)



<long> Switches the phone off



<long> Settings:

- Display contrast
- Display backlighting
- Range tone
- System Busy Beep



<long> Retrieves the menu call alert<sup>1)</sup>



<long>

- Calls up the menu to configure Hotkeys
- If configured as a Redkey: Actuates the function (even if the keypad is locked)

1) 135pro only

## Input

### Enters digits

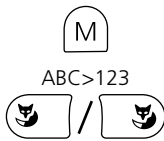
The digit keys are used to enter the digits 0 to 9.

### Entering Letters and Special Characters

You can also use the digit keys to enter letters and special characters. A number of letters and special characters are assigned to each key.

To enter letters and special characters using the digit keys, you need to be in text mode. The display shows "ABC" when you are in text mode. You can switch back and forth between number mode and text mode during your input.

To switch between number mode and text mode during your input:



Press the Menu key repeatedly until the display reads "ABC>123"

Press the "ABC>123" Foxkey.

#### Note

If the phone is expecting a text input, the text mode is automatically activated.

The characters are assigned to the digit keys as follows:

1

- . ? 1 ! , ; ' " ` i

2  
ABC

A B C 2 Ä Æ Å Ç  
a b c 2 ä æ å à ç

3  
DEF

D E F 3 É  
d e f 3 é è ê

4  
GHI

G H I 4  
g h i 4 i

5  
JKL

J K L 5  
j k l 5

6  
MNO

M N O 6 Ñ Ö Ø  
m n o 6 ñ ö ø

7  
PQRS

P Q R S 7  
p q r s 7 B

8  
TUV

T U V 8 Ü  
t u v 8 ü ù

9  
WXYZ

W X Y Z 9  
w x y z 9

0

+ 0

\*

\* / ( ) < = > % £ \$ € ¥ □ @ & §

#

Space #

<1x, 2x, 3x, etc.>

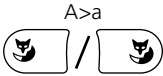


Press the digit key repeatedly until you get the character you want.

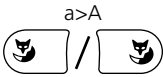
## Switching between Upper and Lower Case

You want to switch between upper and lower case while making an input in text mode.

Upper-case input is initially activated in text mode. After the first letter of a word has been entered, the text mode automatically switches to lower-case input. You can use the Foxkey to switch manually between upper-case and lower-case input.



To switch to lower-case input: Press the "A>a" Foxkey.



To switch to upper-case input: Press the "a>A" Foxkey.

**Note** The switch from lower to upper case is valid for only a single letter.

## Entering a Phone Number in Call Preparation

You can enter a phone number any time without the call being set up automatically. The number is not dialled until you press the Call key.



Enter a phone number in call preparation.  
The display shows the phone number.

## Correcting your Input

You notice you have entered a wrong digit or character.

You can delete an incorrect input either character by character or completely.



To delete the last character: Press the C-key.

<long>



To end the input without saving: Press the C-key and hold it down for a moment.

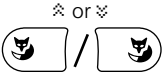
**Note** If your phone is already in the idle state when you press the C-key and hold it down for a moment, the phone is switched off.

## Menu-Guided Navigation

### Reversing the Scroll Direction

The Foxkey menu shows an arrow symbol for scrolling. However, you want to scroll in the opposite direction.

Hold the key down for a moment to reverse the direction of the arrow.



Press the "▲" or "▼" Foxkey and hold it down for a moment.  
The direction of the arrow is reversed.

### Switching between Editing and Scrolling

You have scrolled through a list to find a message, for instance. Now you want to edit it.

The text mode is activated as the default input mode. You can use the Menu key to switch between text mode for entering letters and number mode for entering numbers.



Press the menu key until the Foxkey assignment "ABC" appears.



You can now activate and deactivate the text mode with the "ABC" Foxkey.  
To switch the Foxkey back to "▲", press the Menu key again.

### Undoing Actions

You can undo the last action without saving it by pressing the C-key.

<long>



Press the C-key and hold it down for a moment.  
Undoes the last action.

#### Note

To put the phone back into standby mode, you may have to press the C-key several times. If your phone is already in the idle state when you press the C-key and hold it down for a moment, the phone is switched off.

# Signals

## Indicator LED Signals

These are the normal LED display types. Other display types are described in the troubleshooting section.

LED is flashing rapidly	LED is flashing slowly	LED is flashing intermittently
Phone is being called	Voice Mail, message or callback received	<b>Warning:</b> Loudspeaker is switched on

The following sections explain the supplementary features provided by your phone for more efficient use.

## You Want a Convenient Way of Making a Call

This section explains some convenient features provided by your phone for making a call.

### Dialling by Name – Quickdial

You want to make a call by entering a name.

With Quickdial you only need to press the digit keys for each letter once, even though each key is assigned several letters. An efficient algorithm provides quick search results.

Requirement: The name and the corresponding phone number have to be stored on the phone or in the system.

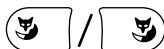
The surname and first name have to be separated by a space, for example "no s" (6 6 # 7) for Noble Stephen. Use the #-key to enter spaces. Ask your system administrator whether you should start with the surname or the first name.



Press the corresponding digit key once for each letter.

For each letter, the display shows the corresponding digit, for example a "6" for the letter "n".

ABC



Press the "ABC" Foxkey.

The phone searches for matching names.



You may have to enter another letter before the name you want or a list of names is displayed.



Use the "\*" Foxkey to scroll through the names until the display shows the name you are looking for.



To call the person displayed: Press the Call key.

The person is called.

#### Note

With Quickdial all phone books are searched simultaneously.

## Dialling by Name

You want to make a call by entering a name.

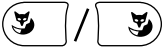
The dialling-by-name function is provided specifically for this purpose. You can look up the name in the phone's or the system's phone book.

The surname and first name have to be separated by a space, for example "no s" for Noble Stephen. Use the #-key to enter spaces. Ask your system administrator whether you should start with the surname or the first name.



Press the Menu key.  
The display shows "ABC".

ABC



Press the "ABC" Foxkey.  
All the available phone books would now be searched:  
Abbreviated dialling, internal, and private.



Use the Foxkey to select the phone book.  
The selected phone book will appear on the display after "Dialling by name:".

**Note** The Menu key lets you access the private phone book.



Enter the first letter.  
The phone searches for matching names.

**Note** The search function is not affected by upper / lower case and special characters.  
If the phone is unable to find a matching name, "List empty" will appear on the display.



You may have to enter another letter before the name you want or a list of names is displayed.



Use the "\*" Foxkey to scroll through the names until the display shows the name you are looking for.



To call the person displayed: Press the Call key.  
The person is called.



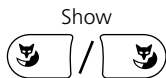
## Dialling from the Call List of Unanswered calls

You want to call someone who has previously tried to reach you.

Your phone has automatically stored the person's phone number in a call list. You can now call the person back using this call list.

The call list of unanswered calls contains a maximum of 10 entries.

The display shows "Missed calls"



Show

Press the "Show" Foxkey.

The display shows a list of the last unanswered calls.



☰

To scroll through entries: Press the "☰" Foxkey.



To call the person displayed: Press the Call key.

Once the call has been successfully connected, the entry is deleted from the call list.

### Note

To obtain more information on a call in the call list, press the "Detail" Foxkey.

To delete an entry from the list, press the Menu key and then the "Delete" Foxkey.

### Note

If you leave the coverage area or switch off your phone, the call list will be updated as soon as your phone is operational again.

## Dialling from the Call List of Answered Calls

You want to call back someone whose call you answered.

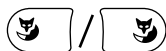
Your phone automatically stored the person's phone number on the list of answered calls. You can now call the person back using the call list [\[d\]](#).

The list of answered calls contains a maximum of 10 entries.



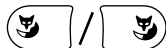
Calls

Press the Menu key repeatedly until the display shows "Calls".



Press the "Call" Foxkey.

Answered calls



Press the "Calls" Foxkey.

The display shows the list of the last calls.



☰

To scroll through the list of answered calls: Press the "☰" Foxkey.



Press the Call key.

The person is called.

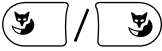
## Dialling with a Configurable Hotkey

You want to call someone whose phone number is stored under a configurable Hotkey.

If you have 6 Hotkeys at your disposal:



Press the Hotkey repeatedly until the display shows the person you want.



Press the Foxkey that corresponds to the person you are looking for.  
The display shows the name and phone number of the person you are looking for.



Press the Call key.  
The person is called.

If you have 1 Hotkey at your disposal:



Press the Hotkey.



Press the Call key.  
The person is called.

## Requesting a Callback

You want to talk to a certain person. The person is busy or does not answer. You can make callback requests to both internal and external subscribers. Not all providers support this function.

If the called party is busy, you can request an automatic callback. In this case, your phone will start ringing as soon as the party you are trying to reach goes on-hook. When you pick up the handset, the called party's phone will start ringing.

If the called party does not answer, you can also request a callback. The called party will see a continuous visual reminder of your callback request.

### Situation

You called someone and hear the busy tone or dialling tone.

Callback



To activate a callback request: Press the "Callback" Foxkey.  
The display shows "Call expected" and "Reset".

### Note

You can have only 1 active callback request at a time. Your callback request will automatically be cancelled by the system after about half an hour. You can also cancel the callback request beforehand.

Reset

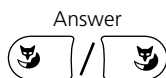


labelling the call. Press the "Reset" Foxkey.

## Answering Call Waiting

You are in a call and hear the call waiting tone. Someone is urgently trying to reach you.

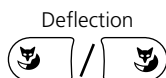
You can either answer, deflect or reject the call.



Answering the call: Press the "Answer" Foxkey.

1. Your original call partner is put on hold. You are now connected with the party who initiated the call waiting.

– or –



Press the "Deflect" Foxkey.

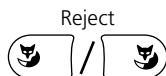


Enter destination subscriber as defined in the Chapter "Deflect a Call During the Ringing Phase".

– or –



Press the Menu key.



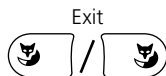
Rejecting the call: Press the "Reject" Foxkey.

You remain connected with your original call partner. The call-waiting party hears the busy tone.

– or –



Press the "A" Foxkey repeatedly until the display shows "End".



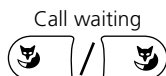
Press the "Exit" Foxkey.

Ends the current call and the call-waiting party is connected through.

## Call Waiting on an Internal Subscriber

You want to talk to an internal subscriber. However, the person is busy.

As a result of your call waiting, the person hears a call waiting tone and your phone number or name appears on his display. The person can either answer or reject your call.



Press the "Call waiting" Foxkey.

You hear the dialling tone.

### Note

If the person rejects your call request or if call waiting is not possible, the call is disconnected (busy tone).

## Starting an Announcement

You want to address internal subscribers directly via their loudspeaker – where available – , without waiting for a reply (similar principle to that of an intercom system).

You can initiate an announcement to the selected subscribers, provided your system administrator has enabled your phone to do so.



Enter the phone number of the subscriber or group.



Press the Menu key repeatedly until the display shows "Announcement".

Announcement



Press the "Announcement" Foxkey.

The display shows "Subscriber: ...". You can now talk.



Press the Call key.

The person is called.

**Note** For direct announcements, see "\*/# procedures, announcement".

## Receiving an Announcement

After an attention tone you will be addressed via your loudspeaker.

You can listen to the announcement or stop it.

**Note** The handset can only receive an announcement if it is in the charging bay.

Answer



To continue the announcement as a phone call: Press the "Answer" Foxkey.

You are now connected to the person who initiated the announcement.

**Note** All the other recipients of the announcement are excluded.

– or –



To stop the announcement: Press the C-key.

## Private call with personal code (PIN)

You want to make a private call on your phone or on a third-party phone.

With the aid of your personal code you can use any phone to make an external private call with your own personal settings, even if that phone is locked for external calls [e].

The caller obtains your personal call number on his display, even if you make your call from a third-party phone.

Any call charges incurred will be charged to you.

The call number dialled is not stored in the last-number redial list.



Press the Call key.



Enter #46 followed by your internal call number.

Enter your personal code.

The phone is now enabled. You hear the external dialling tone.

### Note

The factory setting "0000" is not accepted. First change the code as described under "Changing your personal code (PIN)" or using the \*/# procedure \*47 (see Chapter on \*/# procedures). If you have forgotten your personal code, your system administrator can reset it to the factory setting.



Enter the external call number directly, without the exchange access digit.

The external subscriber is called.

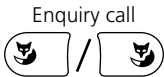
## You Want to Use Functions while in a Call

This section explains the different options provided by your phone while you are in a call.

### Enquiry Call During a Call

You want to call someone else briefly without losing your current call partner. Then you want to resume your conversation with your original call partner.

With the enquiry call function you can call someone else in the middle of a call and put your original call partner on hold. You can make enquiry calls to both internal and external subscribers.



Press the "Enquiry call" Foxkey.  
Your original call partner is put on hold.



Enter the phone number of the enquiry call party.  
The enquiry call party is called. You hear the ring back tone.



To end the enquiry call: Press the C-key.  
You are now back through to your original call partner.

**Note** If your enquiry call party hangs up and you press the Call key by mistake, you will hear a continuous ringing signal for 10 seconds to draw your attention to the person still on hold. If you press the Call key during the continuous ringing, you will be reconnected with your call partner.

### Brokering between an Enquiry Call Party and Your Call Partner

You are talking with an enquiry call party and have your original call partner on hold. You want to be able to switch back and forth between the two.

In an enquiry call you can use the brokering<sup>1)</sup> function to switch back and forth between an enquiry call party and the party on hold. Brokering is possible with both internal and external subscribers. You can also broker between conference parties as a group and an enquiry call party.



Brokering: Press the "Brokering" Foxkey.  
Your call partner changes. The other call party is put on hold.



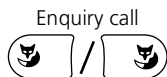
To terminate the current connection: Press the C-key.  
Call party disconnected. Connected with the call party on hold.

1) Depending on the system and the software version it is called "Brokering" or "2nd Call".

## Transferring a Call Partner

You want to put your call partner through to someone else.

With the enquiry call function you can connect your call partner with someone else. You can connect internal and external subscribers with one another.



Enquiry call



Press the "Enquiry call" Foxkey.  
Your original call partner is put on hold.

Enter the other party's phone number.  
The other party is called.



Connecting with notification: Wait until the person has answered the call.  
Announce the call party.

Press the Call key.  
Your call partner and the other person are now connected with each other.

– or –



Connecting without notification: 1. Wait for the ringing tone, then press the Call key.

The other party is then called directly by your original call partner.

**Note** Recall: If the other party does not answer, the call comes back to your phone.

## Parking a Call Partner

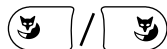
You want to put your call partner on hold without using a phone channel as a result.

You can park your call partner both locally and centrally. A locally parked call party can only be retrieved by the phone that originally parked the call. Local parking is possible only with the Foxkey menu.

With central parking your call partner is parked on the system's parking position and can be retrieved from any phone. Central parking can only be used with \*/# procedure \*76 (retrieve with #76).



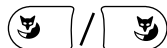
Park



Press the Menu key repeatedly until the display shows "Park".

Press the "Park" Foxkey.  
Your call partner is now parked locally. The display shows "Executed" and then "Call parked" and "Take back".

Take back



To retrieve a parked call party: Press the "Take back" Foxkey.  
You are now connected with the parked call party.

## Making a Conference Call

You are in a call and have a call party on hold at the same time. You want to include the party on hold in the conversation and hold a conference call.

With the conference function you can include a call party on hold in the current conversation. From the conference call you can initiate an enquiry call to someone else. You can broker between the parties as a group and the enquiry call party.

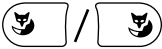
Depending on the system, a conference call can consist of up to 6 conference participants. You can hold a conference call with internal and external subscribers.



To connect the call party on hold: Press the Menu key repeatedly until the display shows "Conference".

Conference

Press the "Conference" Foxkey.



The call party on hold is now included in the call: Conference call.

### Note

You may hear an attention tone. This depends on the system's configuration.



Leaving a conference call: Press the Call key.

The other conference parties remain in the call.



## You Are Away from Your Desk

This section explains the different options provided by your phone when you want to leave your desk.

### Forwarding a Call

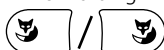
You want to leave your desk. Calls for you are to be forwarded to a different destination (e.g. phone or pager).

You can forward incoming calls to a different destination using Call Forwarding Unconditional.



Press the Menu key repeatedly until the display shows "Forwarding".

Forwarding



Press the "Forwarding" Foxkey.

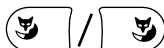


Press the "\*" Foxkey repeatedly until the display shows "Forward to subscriber".



OK

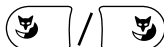
Press the "OK" Foxkey.



Enter the person's phone number.

OK

Press the "OK" Foxkey.



The display shows "Forwarded: ...".

#### Note

If a call is to be forwarded only when you are already in a call, select "Forward: busy" instead of "Forward: subscriber". You can deactivate call forwarding unconditional with the "Reset" Foxkey. You can also activate a call forwarding unconditional by remote control.

## Forwarding a Call on No Reply

You want calls that you receive on your phone to be forwarded to another destination.

Both your own phone and the other destination will then start ringing. The system configuration determines whether or not there is a ringing delay at the other destination. Whoever goes off-hook first, answers the call. Depending on the system configuration, Call Forwarding on No Reply can also be activated when your phone is busy.



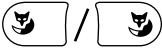
Press the Menu key repeatedly until the display shows "Forwarding".

Forwarding

Press the "Forwarding" Foxkey.



Press the "☒" Foxkey repeatedly until the display shows "Call Forwarding on No Reply to subscriber".



OK

Press the "OK" Foxkey.



Enter the phone number of the destination to which your calls are to be forwarded.

OK

Press the "OK" Foxkey.



Call Forwarding on No Reply is now activated. The display shows "i" or "CFNR..."



To deactivate Call Forwarding on No Reply: Press the Info key repeatedly until the display shows "Call Forwarding on No Reply..." and "Reset".

Reset

Press the "Reset" Foxkey.



Call Forwarding on No Reply is now deactivated.

## Leaving a Message

You cannot be reached on your phone. You want any internal subscriber who calls you to get a message.

Requirement: The internal subscriber must have a phone capable of receiving messages.

Subscribers whose phone cannot receive messages are put through to your phone or rerouted to a destination predefined within the system.

You can select the contents of your message from a list of 16 predefined texts. These texts can be edited to suit your requirements. The predefined texts are specified in the system configuration.



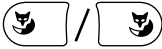
Press the Menu key repeatedly until the display shows "Forward".

Forwarding

Press the "Forwarding" Foxkey.



Press the "\*" Foxkey repeatedly until the display shows "Forward to message".



OK

Press the "OK" Foxkey.



To scroll through the predefined messages: Press the "\*" Foxkey.



Edit the message contents, if necessary.

### Note

To enter letters: Press the menu key until the Foxkey assignment "ABC>123" appears.

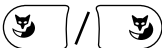
OK

To activate a message: Press the "OK" Foxkey.  
The display shows "Message activated".



Reset

To deactivate a message: Press the "Cancel" Foxkey.



### Note

If you activate a call forwarding unconditional, the message you have left on your phone will be deactivated.

## Locking your Phone

You need to leave your desk and want to ensure that no-one can alter your phone's settings, look at your private data, or make outside calls from your phone.

You can lock your phone with a 2 to 10 digit code, see "Changing the code". The factory code setting is 0000.



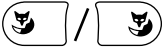
Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.



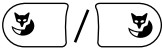
Press the Menu key repeatedly until the display shows "Terminal".

Terminal

Press the "Terminal" Foxkey.



Press the "❄" Foxkey repeatedly until the display shows "Lock".



OK

Press the "OK" Foxkey.

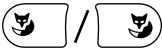


Use the digit keys to enter the code.

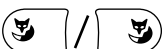
For each digit entered, the display shows an "\*" .

OK

Press the "OK" Foxkey.



Press the "❄" Foxkey repeatedly until the type of locking you want appears on the display.



OK

Press the "OK" Foxkey.

The display shows "Executed".



### Note

You can lock either the configuration only ("Cfg.locked") or the entire phone ("Locked"). With "barred" your private data cannot be viewed and external calls from your phone are only allowed as per system settings.

## Unlocking Your Phone

You want to unlock your phone.

You can use the code to unlock your phone. If you have forgotten your personal code, your system administrator can reset it to the factory setting.

**Situation** You have tried to use a locked function or pressed the "Reset" Foxkey. The display shows "Code:"



Use the digit keys to enter the code.  
For each digit entered, the display shows an "\*" .



Press the "OK" Foxkey.  
The display shows "Locked" .



Press the "⌘" Foxkey repeatedly until the display shows "enabled" .



Press the "OK" Foxkey.  
The display shows "Executed" . The phone is unlocked.

## You Want to Use Your Phone Efficiently in Special Situations

This section explains the different options provided by your phone for special situations.

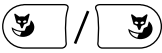
### Deflect a call during the ringing phase

You do not want to answer a call yourself but deflect it to another subscriber.

With the function "Deflect a Call During the Ringing Phase" during the ringing phase you can deflect calls to an internal or external subscriber or to the Voice Mail Box [c].

Your phone is ringing and the indicator LED is flashing. To deflect the call, proceed as follows.

Deflection



Press the "Deflect" Foxkey.

Use the digit keys to key in the phone number.  
The display shows the phone number.

– or –

Dial the phone number using the Redial key function.

– or –

Dial the phone number using the dialling options described in the chapter "You Want a Convenient Way of Making a Call".

OK



Press the "OK" Foxkey.

The call is deflected to the desired subscriber.

#### Note

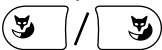
If the subscriber you want to deflect to is busy, the call will not be deflected. The display shows "Not available" and your phone still rings.

### Reject a call during the ringing phase

You do not want to answer a call.

You can reject a call already during the ringing phase [c].

Reject



Press the "Reject" Foxkey.

The connection is rejected and the caller obtains the busy tone.

## Send text messages

You are unable to reach an internal subscriber and thus want to leave a message.

You can send a text message to an internal subscriber. The text message will appear on the person's display.

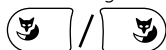
Requirement: The internal subscriber must have a phone capable of receiving messages.

You can either use the predefined message texts directly or edit them to create a new message.



Press the Menu key repeatedly until the display shows "Message".

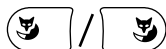
Message



Press the "Message" Foxkey, to use a message text from the list of 16 standard texts available in the system.



Press the "\*" Foxkey repeatedly until the display shows the message you want.



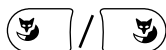
Edit the message text, if necessary.



### Note

To enter letters: Press the menu key until the Foxkey assignment "ABC>123" appears.

OK



Press the "OK" Foxkey.

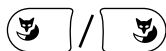


Use the "\*" Foxkey to select the destination: "Subscriber", "Group", or "All".



OK

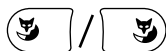
Press the "OK" Foxkey.



For subscriber and group: Enter the phone number.



OK



Press the "OK" Foxkey.  
The message is sent.

### Note

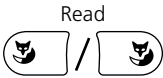
If the display shows "Not available", the message could not be sent.

## Read text messages

Your display shows "New message received" or "Other message received", followed by "Message list". The Indicator LED is flashing.

The read function is used to retrieve a received message from the memory so you can read it. The first message received is the first message shown.

**Note** By pressing the Info key you can identify the sender of the message before reading the message itself.

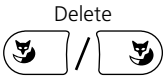


Press the "Read" Foxkey.

The message is displayed for 8 seconds. If the message runs over several lines, the next line will then be displayed automatically.



To show the next line before the 8 seconds have elapsed: Press the Infokey.



To delete the message: Press the "Delete" Foxkey.

The message is deleted; the next message is retrieved from the memory. Once the last message has been deleted, the phone switches back to the idle state.

– or –



To end the reading process: Press the C-key.

The phone reverts to the idle state. The message remains stored.

**Note** The next message is only retrieved from the memory once you have deleted a message.

The LED flashes as long as there are still messages in the memory.



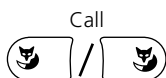
## Answering or Rejecting a Callback Message

Someone has asked you to call back. You can tell that there is a callback request because the Indicator LED is lit in the idle state.

The display shows "Call back required" and a phone number.

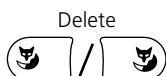
You can either answer or reject the callback request.

**Note** By pressing the Info key you can identify the sender of the message before reading the message itself.



To answer the callback request: Press the "Call" Foxkey.  
The person is dialled.

– or –



To reject the callback request: Press the "Delete" Foxkey.  
The callback request is rejected.

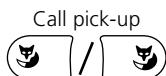
## Picking up a call

You hear a phone ringing in your vicinity and want to pick up the call.

With the call pick-up function you can pick up the call from the other phone on your own phone.



Press the Menu key repeatedly until the display shows "Call pick-up".



Press the "Call pick-up" Foxkey.  
The display shows the number of the phone from which you last picked up a call.



Press the "OK" Foxkey.



Enter the number of the phone from which you want to pick up the call.



Press the "OK" Foxkey.  
You are now connected with the caller.

## Using the DTMF Mode. Activating / deactivating DTMF

You want to be able to use your phone to control other equipment or to access certain services, such as remote polling of an answering machine or telebanking. For these services you need the DTMF mode.

In the DTMF mode each key press generates a tone. If for example you key in a call number during a call, your call partner will hear the tone signals.

You can use the configuration mode ("DTMF" menu) to specify whether the DTMF mode should be generally activated or deactivated.

If the DTMF mode is generally deactivated, you can use the \*-key to activate it temporarily (and deactivate it again) during the call. If the DTMF mode is generally activated (factory setting), the \*-key does not have any function during the call.

**Situation** You're in a call and the DTMF mode is generally deactivated. You want to activate the DTMF mode temporarily.



If you already made a number of entries during the call, clear them first by pressing the "C" key.

<long>



To activate the DTMF mode temporarily: Press the \*-key and hold it down for a moment.

The display shows "DTMF \_". You can now enter the DTMF characters.  
Press the "Reset" Foxkey to reset the DTMF mode.

**Note** When you hang up, the DTMF mode is automatically deactivated.

## Making a call on a third-party phone

You want to make a call on a third-party phone using your personal settings, for example on a colleague's phone or in a meeting room.

You can activate a third-party phone to make an internal or external call using your personal settings, even if the phone is locked for external calls.

You can activate the phone for a business [a] or private [c] call.

Once you have activated the phone using a \*/# procedure and your PIN, dialling by your private phone book is available.

The called party's display shows your personal phone number and not the number of the phone from which you are making your call.

Any call charges incurred will be charged to you.



Press the Call key.



#36 for a business call.

Enter your internal phone number.

Enter your personal code.

The phone is now enabled. You hear the internal dialling tone.

### Note

The factory setting "0000" is not accepted. First change the code as described under "Changing your personal code (PIN)" or using the \*/# procedure \*47 (see Chapter on \*/# procedures). If you have forgotten your personal code, your system administrator can reset it to the factory setting.



Enter the internal phone number or external phone number with the exchange access digit.

The person is called.

### Note

You can as alternative put the handset on-hook and dial the phone number you want in call preparation within 60 seconds.

### Note

When you hang up, dialling by name and your private phone book remain available for a whole minute so you can make another call.

– or –



Press the Call key.



Enter #46 for a private call.

Enter your internal phone number.

Enter your personal code.

The phone is now enabled. You hear the external dialling tone.

### Note

The factory setting "0000" is not accepted. First change the code as described under "Changing your personal code (PIN)" or using the \*/# procedure \*47 (see Chapter on \*/# procedures). If you have forgotten your personal code, your system administrator can reset it to the factory setting.



Enter the external call number directly, without the exchange access digit.

The external subscriber is called.

## Paging an Internal Subscriber

You are unable to reach an internal subscriber and thus want to page them.

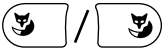
If the system is equipped with a paging system (PS), the person can be paged. The paged person can answer from any phone [\[a\]](#).



Press the Menu key repeatedly until the display shows "Page".

Page

Press the "Page" Foxkey.



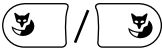
Enter the phone number of the person to be paged.



OK

Press the "OK" Foxkey.

The person is paged and sees your phone number on the pager.



## Answering a Pager

Your pager is ringing and shows the phone number of the person trying to reach you.

You can answer from any internal phone [a].



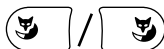
Press the Menu key repeatedly until the display shows "Call pick-up".

Call pick-up

Press the "Call pick-up" Foxkey.

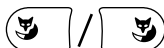


Press the "\*" Foxkey repeatedly until the display shows "Pager".



OK

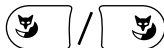
Press the "OK" Foxkey.



Enter your own internal phone number.

OK

Press the "OK" Foxkey.



You are now connected with the person who made the general bell.

## Answering a General Bell

Via the general bell, you hear either your personal ringing pattern or the general ringing signal.

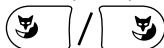
You can answer from any internal phone.



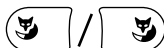
Press the Menu key repeatedly until the display shows "Call pick-up".

Call pick-up

Press the "Call pick-up" Foxkey.

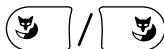


Press the "\*" Foxkey repeatedly until the display shows "General bell".



OK

Press the "OK" Foxkey.



You are now connected with the person who made the general bell.

## Suppressing your call number from your called party's terminal display

You do not want your call number to appear on the terminal display of a called party in the public network.

You have two possibilities [\[b\]](#):

- If you never want your call number to appear, you can ask your system administrator to set up the system configuration accordingly.
- To suppress your call number display for certain calls only, select the function "CLIR per call" before dialling your party's call number. You can store the function under a function key or activate it with a \*/# procedure.

The CLIR per call function is available on a function key.



Before the call: Press the CLIR per call function key.

### Note

Suppressing your phone number from the display only works with external calls and has to be subscribed to with your provider.

## Tracing Malicious Calls

You are being threatened or molested by a call. You want to identify the caller.

Using the MCID function ( Malicious Call Identification) the provider records the following call data [\[d\]](#):

- Your phone number
- The caller's phone number
- The date and time of the call

MCID has to be enabled by your provider. Your provider will inform you about accessing the recorded call data.

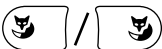
### Note

MCID has to be stored under a Foxkey.



During a call: Press the Foxkey for MCID.

– or –



After the call do not hang up: press the function key for MCID while you hear the busy tone.

## Activating / Deactivating Functions by Remote Control

You are not at your desk and want to set various functions on your phone from a different phone.

You can activate / deactivate many of your phone's functions by remote control from a different phone. Remote control has to be enabled for your phone in the system.

Remote control is possible from within and from outside the system [d]. For external remote control, the system administrator has to give you the dial-in number.

The remote control is initiated using a special \*/# procedure. You can then enter the function commands and \*/# procedures in the usual way.



To remote control from a third-party phone: Press the Call key.



To initiate remote control:

Enter \*/# procedure \*06.

Enter your phone number.



Enter the \*/# procedure for activating / deactivating the function you want.



Press the Call key.

## Basic Settings

This section explains how to adapt the phone's basic settings to suit your personal requirements.

### Setting the Display Contrast

You may find the display is too bright or too dark.

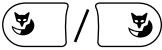
You can adjust the display contrast.



Press the #-key and hold it down for a moment.

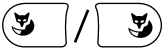


Press the "\*" Foxkey repeatedly until the display shows "Contrast".

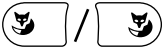


OK

Press the "OK" Foxkey.



Press the "\*" Foxkey repeatedly until you have the right contrast level.



OK

Press the "OK" Foxkey.

The contrast setting is stored.





## Setting the System Parameters on the Cordless Phone

You want to activate or deactivate the illumination, the range beep and/or the system busy beep.

After a key has been pressed, the display illumination persists for 15 seconds.

Repeatedly actuating the keys affects the service life.

The range beep tells you that the connection between your phone and the system is borderline.

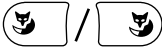
The system busy beep tells you that the system is overloaded – you need to wait until the system is available again.



Press the #-key and hold it down for a moment.



Press the "∗" Foxkey repeatedly until the display shows the system parameter you want.



OK

Press the "OK" Foxkey.



Use the "∗" Foxkey to select "On" or "Off".



OK

Press the "OK" Foxkey.  
The setting is stored.



## Selecting the Language

The display text is not in the language you want.

You can select a different language in the configuration mode. The menu item under which you select your language is marked by an "\*" in front of the word for "language" in the language of your choice, e.g. "\*Language" for English.

### Situation

German is set as the language on your phone.

<long>

Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.

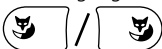


Press the Menu key repeatedly until the display shows "\*Language".

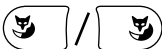


\*Language

Press the "\*Language" Foxkey.  
The display shows the set language.

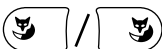


Use the "∗" Foxkey to select the language you want, e.g. "English".



OK

Press the "OK" Foxkey.  
The display text appears in your selected language.



## Setting the Volume during a Call

You want to adjust the volume while in a call.

The new volume will remain stored even after the call is ended.



Set the sound volume with the rocker switch.

## Changing your Personal Code

You want to change the personal code used for locking / unlocking your phone (see "Locking your phone" and "Unlocking your phone").

The factory setting is digit combination "0000"; you can select any 2 to 10-digit combination for your new code.

If you have forgotten your personal code, your system administrator can reset it to the factory setting.

<long>



Press the Menu key and hold it down for a moment.

The configuration mode is now activated.



Press the Menu key repeatedly until the display shows "Code".

Code



Press the "Code" Foxkey.

The display shows "Old code:".



Use the digit keys to enter the current code.

For each digit entered, the display shows an "\*".

OK



Press the "OK" Foxkey.

The display shows "New code:".



Use the digit keys to enter the new code.

For each digit entered, the display shows an "\*".

OK



Press the "OK" Foxkey.

The display shows "Confirmation:".



Use the digit keys to enter the new code a second time.

For each digit entered, the display shows an "\*".

OK



Press the "OK" Foxkey.


You hear the acknowledgement tone. The new code is stored.


## Entering the Display Text for the Idle State

You want to change the text displayed by your phone in the idle state.


Instead of the date and/or time you can enter a personal text for the text displayed in the idle state.


- <long>




Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.
- 

Press the Menu key repeatedly until the display shows "Text".
- Text



Press the "Text" Foxkey.  
The display shows "Idle text: ...".
- 

Use the digit keys to enter the text.
- OK




Press the "OK" Foxkey.  
The text is stored.


## Protect against Call waiting

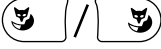
You want to protect against Call waiting.


You can use the configuration mode to define that call waiting is not enabled on your terminal.

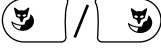
- <long>

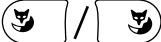


Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.
- 

Press the Menu key repeatedly until the display shows "Call waiting".
- 

Press the "Call waiting" Foxkey.
- 

Use the Foxkey "☼" and "☿" to select between "Allow to own set/" and "Protect against" .
- 
- OK



Press the "OK" Foxkey.  
The setting is stored.

## Setting the Ringing Properties

This section explains how to set your phone's ringing tone properties.

### Setting the Ringing Properties on the Handset

You want to change your cordless phone's ringing mode, ringing volume, ringing melody, or ringing speed.

You can choose from the following ringing mode:

- Normal ringing. The phone rings continuously.
- Discreet ringing. The phone rings with a single ringing tone.

You can set the ringing volume, ringing melody, or ringing speed separately for normal ringing and discreet ringing.

<long>



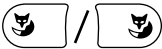
Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.



Press the Menu key repeatedly until the display shows "Ring".

Ring

Press the "Ring" Foxkey.



Selecting the mode of ringing (normal ringing or discreet ringing): Press the "⌘" Foxkey.

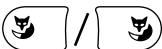
⌘



Press the "OK" Foxkey.

OK

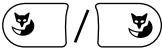
Ringing mode selected. The display shows the setting for the ringing volume.



⌘

Set the ringing volume with the "⌘" Foxkey.

The phone rings with the current ring settings.



OK

Press the "OK" Foxkey.

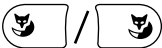
Ringing volume selected. The display shows the setting for the ringing melody.



⌘

Selecting the ringing melody with the "⌘" Foxkey.

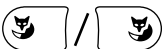
Ringing tone rings with the set ringing melody.



OK

Press the "OK" Foxkey.

Ringing melody selected. The display shows the setting for the ringing rate.



⌘

Select the ringing speed with the "⌘" Foxkey.

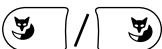
The ringing tone rings with the set ringing speed.



OK

Press the "OK" Foxkey.

Ringing speed selected. The display shows the setting for the call alert.





Press the C-key.  
The display shows "Ring".



Press the C-key.  
The phone is in the idle state.

**Note** A test ring will sound during the setting.

**Warning!** The volume of the ringing call can become very loud. Do not hold the sound aperture up to your ear.

## Setting the Call Alert (Ringing, Vibra call, LED)

You want to set the call alert your cordless phone's.

You can choose from the following types of call alerts:

- Ringing only
- Vibra call only<sup>1)</sup>
- Ring and Vibra call<sup>1)</sup>
- LED only

The call alerts are available for both ringing modes (Normal ringing and Discreet ringing).

If Vibra call is activated, text, Voice Mail and callback messages will also be signalled with a single vibration.

<long>



Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.



Press the Menu key repeatedly until the display shows "Ring".

Ring



Press the "Ring" Foxkey.

⌘



Press the Menu key repeatedly until the display shows "Call alert".

OK



Press the "OK" Foxkey.

– or –

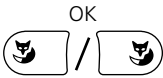


Press the Loudspeaker key and hold it down for a moment.  
The display reads "Call alert".

1) 135pro



Press the "\*" Foxkey repeatedly until the display shows the Call alert you want.



Press the "OK" Foxkey.  
Call alert type selected.

## Phone Book Management

This section explains how to enter a subscriber into the phone book and how to edit or delete a phone book entry.

### Creating a New Phone Book Entry

You want to store your own phone numbers.

You can save and change your own phone numbers on your phone. You cannot change the phone numbers stored in the system.

The operator prompting described applies to the system types listed under [a]. The operator prompting for the other system types differs slightly.



Press the Menu key repeatedly until the display reads "Phone book".

Phone book



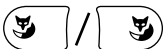
Press the "Phone book" Foxkey.  
The display reads "Edit".

Edit



Press the "Edit" Foxkey.  
The display reads "New".

New

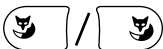


Press the "New" Foxkey.  
The display reads "Enter number".



Use the digit keys to key in the phone number you want to store.

OK



Press the "OK" Foxkey.  
The display reads "Name".

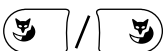
#### Note

The text mode for letter input is automatically activated.



Use the digit keys to key in the name of the party you want to store.

OK



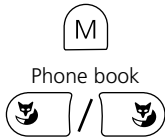
Press the "OK" Foxkey.  
The display reads "New".

## Editing a Phone Book Entry

You want to edit a phone number stored on your phone.

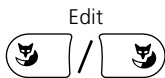
You can only edit the entries for your own phone numbers, i.e. those stored on your phone. You cannot edit the phone numbers stored in the system.

The operator prompting described applies to the system types listed under [\[a\]](#). The operator prompting for the other system types differs slightly.

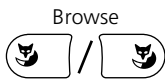


Press the Menu key repeatedly until the display reads "Phone book".

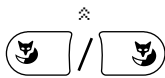
Press the "Phone book" Foxkey.  
The display reads "Edit".



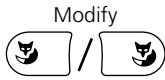
Press the "Edit" Foxkey.  
The display reads "Browse".



Press the "Browse" Foxkey.



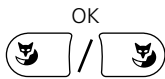
To scroll through entries: Press the "\*" Foxkey.



To change an entry: Press the "Modify" Foxkey.  
The display shows the entry's phone number.



Use the digit keys to key in the new phone number.



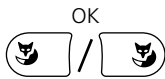
To store the phone number: Press the "OK" Foxkey.

### Note

The text mode for letter input is automatically activated.



Use the digit keys to enter the new name.



To store the name: Press the "OK" Foxkey.

## Configuring Keys

This section explains how to assign phone numbers and functions to a configurable key.

You can assign numbers to one of the Hotkey memories (depending on your system's configuration you have 1 or 6 Hotkeys at your disposal) or to the Foxkeys (retrievable only in idle state)

The system administrator can disable any possibility of modifying the configuration of a key that has already been configured.

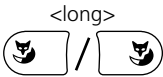
## Storing a Phone Number under a Key – Number Key

You want to retrieve a frequently used phone number with a single keystroke rather than enter it digit by digit.

You can store a phone number including the associated name under any key that is configurable. The key automatically becomes a number key.

There are two different keys for storing numbers:

- the Hotkey – accessible at all times via the Hotkey
- the Foxkey itself – accessible only in the idle state



To store a phone number under the Foxkey: Press the Foxkey in the idle state and hold it down for a moment.

Display reads "Number" or "Function".

– or –



To assign a phone number to a Hotkey: Press the Hotkey and hold it down for a moment.

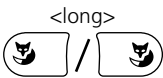
The display shows "Hotkey 1" and "Hotkey 2". If you have only one Hotkey at your disposal, the display reads "Number or Function" and you can skip the next two steps.



Press the Hotkey repeatedly until the display shows the Hotkey you want.

### Note

You can also scroll through the Hotkeys with the Menu key.



Press the corresponding Foxkey and hold it down a moment.

Display reads "Number" or "Function".

### Note

From here on, the operating sequence is the same as for: Storing under the Foxkey and storing under the Foxkey using the Hotkey.

Press the "❖" Foxkey repeatedly until the display shows "Number".



OK

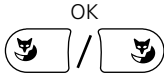
Press the "OK" Foxkey.



Enter the phone number.



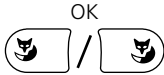




Press the "OK" Foxkey.  
The display reads "Enter name".



Enter the name.



Press the "OK" Foxkey.  
The phone number and name are stored. Phone in idle state.

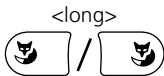
## Storing a Function under a Key – Function Key

You want to retrieve a frequently used function - for example "call forwarding on no reply" - using a single keystroke rather than having to enter it by hand.

Each function key is assigned 2 memory locations. With predefined functions, the \*/# procedure for activating the function is stored in memory 1 and the \*/# procedure for deactivating it, in memory 2.

You can store a function under two different keys:

- the Hotkey – accessible at all times via the Hotkey
- the Foxkey itself – accessible only in the idle state



Storing a function under the Foxkey: Press the Foxkey in the idle state and hold it down for a moment.  
Display reads "Number" or "Function".

– or –



To assign a function to a Hotkey: Press the Hotkey.  
The display shows "Hotkey 1" and "Hotkey 2". If you have only one Hotkey at your disposal, the display reads "Number or Function" and you can skip the next two steps.



Press the Hotkey repeatedly until the display shows the Hotkey you want.

### Note

You can also scroll through the Hotkeys with the Menu key.



Press the corresponding Foxkey and hold it down a moment.  
Display reads "Number" or "Function".

### Note

From here on, the operating sequence is the same as for: Assigning to a Foxkey and assigning to a Hotkey.



Press the "⚡" Foxkey repeatedly until the display shows "Function".



Press the "OK" Foxkey.  
The display shows the first function from the list of functions.

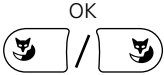


Press the "❄" Foxkey repeatedly until the display shows the function you want.

Further prompting depends on the function

## Note

Besides the predefined functions you can also define your own function. For more information, please refer to the section "Formulating Functions".



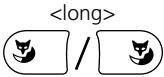
Press the "OK" Foxkey.

The function is stored under the key. Phone in idle state.

## Clearing a Key

You want to clear the assignment made to a configurable key.

The function "Delete key" is available for this purpose in the configuration mode.



To clear a function directly on the Foxkey: Press the Foxkey in the idle state and hold it down for a moment.

Display reads "Number" or "Function".

– or –



To clear a function from a Hotkey: Press the Hotkey.

The display shows "Hotkey 1" and "Hotkey 2". If you have only one Hotkey at your disposal, the display reads "Number or Function" and you can skip the next two steps.



Press the Hotkey repeatedly until the display shows the Hotkey you want.

## Note

You can also scroll through the Hotkeys with the Menu key.

## Note

From here on, the operating sequence is the same as for: Clearing functions stored directly under the Foxkey and clearing functions stored under a Hotkey.



Press the "❄" Foxkey repeatedly until the display shows "Clear".



Press the "OK" Foxkey.

The key configuration is cleared.

## Formulating Functions

This section explains how to activate an individual function, for example call forwarding unconditional, with the aid of function commands and how to assign it to a key.

### Function under a Foxkey

You want to know the status of a function stored under the Foxkey.

Certain functions are shown with a check mark on the display when the function is activated:

- ✓ visible to the left of the function name: Function is activated.
- ✗ not visible: Function is deactivated.

### Function Commands

You can use function commands to define a function to suit your personal requirements. A function can consist of one or more function commands, function codes, and the phone number. You can either carry out a function directly or store it under a key (select function "configurable").

The following function commands are available (see "Entering characters"):

"I"	Seize line
"X"	Disconnect
"P"	Pause 1 second before the next operation
"N"	Use the phone number entered in call preparation
."	Control key function
"Z"	Activate / deactivate DTMF mode
"R"	Use the phone number last dialled
"Y"	Disconnect and re seize the line.

Examples of how to define a function:

"IR"	Seize line ("I"), dial phone number last dialled ("R")
"I201"	Seize line ("I") and dial phone number 201
"I*21201X"	Seize line ("I"), activate call forwarding unconditional ("*21") to phone number 201, disconnect ("X")

**Note** Text mode has to be activated before you can enter function commands.

## Configuring Phone Functions

This section explains how to carry out typical phone settings.

### Switching the Phone On

Your cordless phone is switched off and you want to switch it on.

You can switch on the phone when it is switched off by placing it in the charging bay or by first pressing the Call key and then the "Yes" Foxkey.



Press the C-key and hold it down for a moment

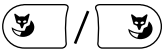
– or –



Press the Call key.

The display shows "Switch on?".

Yes



To switch on your cordless phone: Press the "Yes" Foxkey.

The phone runs a self-test. The display goes dark and then displays "Searching...". The phone is in standby mode and ready to receive.

#### Note

If your phone cannot find a system, the display will read "No system". Use the "Configure" Foxkey in configuration mode to switch to an available system.

### Switching the Phone Off

You want to switch off your cordless phone.

Outside the coverage area the phone will keep trying to establish communication with a system. To save your battery, you can switch off your phone whenever you leave the coverage area.



Press the C-key with the phone in idle state and hold it down for a moment.

– or –

<long>



Press digit key 0 and hold it down a moment.

The display shows "Please wait"; the phone switches itself off.

#### Note

You cannot switch the phone off in a call.

Switched off: Incoming calls are stored in the list of callers. Charging: The phone automatically switches itself on.

## Logging your Phone On

You want to log your cordless phone on to a system.

You can log your phone on to a maximum of 4 different systems (A, B, C, D). This means you can be reached on the same phone even if you are at a branch office of your company.

**Note** The system needs to be setup accordingly by your system administrator.

<long>



Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.



Press the Menu key repeatedly until the display shows "System".

System



Press the "System" Foxkey.

The display shows "System: . . ." and the active system (A, B, C, or D) or Auto.

OK



To log your phone on to a system logged on to earlier:

Press the "OK" Foxkey.

Your phone is logged on.

– or –

Logging the phone on to a new system:



Press the Menu key.

⌘



Use the "⌘" Foxkey to scroll through the existing systems.

The display shows "Register: ..." and a system (A, B, C, or D).

New



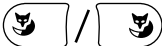
Press the "New" Foxkey.

The display shows "Home" and "GAP".

**Note**

If the display does not read "New" but briefly shows "><", the phone is not fully logged off yet (see "Logging Your Phone Off").

Home



Logging the phone on to the in-company system: Press the "Home" Foxkey.

The display shows "Searching...". The phone is logged on to the system if it is available and logging on is authorized. The display shows "Log on OK".

– or –

GAP



Logging the phone on to a third-party system with GAP (Generic Access Profile): Press the "GAP" Foxkey.

The display shows "AC:".

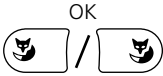


Use the digit keys to enter the authentication code.

For each digit entered, the display shows an "\*".

**Note**

The authentication code is issued by your system administrator.



Press the "OK" Foxkey.

The display shows "Searching...". The phone is logged on to the system if it is available and logging on is authorized.

**Note**

If logging on to the system is not possible: The display shows "Not OK". To be reachable, you need to be logged on to at least one system. You can select a system manually or let the phone select one automatically.

## Logging your Phone Off

You want to log your phone out of a system area (A, B, C, D).

Even though you can log off your phone yourself, it must always be logged off from the system by the system administrator.

To be logged off correctly, the phone must be switched on and within the system's radio range. Your system administrator can then log off the phone in full - on the system and on the phone.

**Warning:** Only the system administrator can log a phone back on again.

**Note**

If your system administrator logged off your phone on the system even though it was not ready to receive, the system area will remain entered on your phone and the system administrator will be unable to log your phone back on to this system area.

If system areas A, B, C, D are occupied, a "><" is displayed accordingly. You must first log your phone off the relevant system area before you can obtain the display "New" for logging on again.

<long>



Press the Menu key and hold it down for a moment.

The configuration mode is now activated.



Press the Menu key repeatedly until the display shows "System".

System



Press the "System" Foxkey.

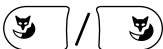
The display shows "System:" . ... " and the active system (A, B, C, or D) or Auto.



Press the Menu key.

The display briefly reads "> <".

><



Press the "><" Foxkey.





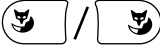
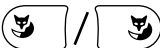
"ABCD" flashes on the display. The phone is logged off.

## Switching System for the Handset

You want to log your phone on to a different system.

Your phone can be logged on to a maximum of 4 different systems (A, B, C; D). Your phone has to be logged on to one of these systems to be operational.

If you select "Auto" and there is more than one system within range of your phone, your phone will log on to the system with the best radio reception.



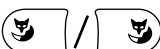
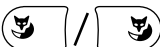
<p>&lt;long&gt;  </p>	<p>Press the Menu key and hold it down for a moment.          The configuration mode is now activated.</p>
<p>          System</p>	<p>Press the Menu key repeatedly until the display shows "System".</p>
<p></p>	<p>Press the "System" Foxkey.          The display shows "System: ". ... " and the active system (A, B, C, or D) or Auto.</p>
<p>  </p>	<p>Use the "∞" Foxkey to select the system (A, B, C, or D) or "Auto".</p>
<p>OK  </p>	<p>Press the "OK" Foxkey.          Your phone is logged on to the chosen system.</p>

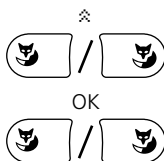
**Note** To switch your phone manually to the next available system: Press digit key 1 and hold it down a moment.

## Linking the charging contact to direct answering

You want to choose whether to answer a call by simply picking up the phone out of its charging bay or by also pressing the Call key once you have picked up the phone.

With the setting "Direct: Yes" in the configuration mode, you can specify that you want your cordless phone to act like a stationary phone when you receive a call. This means you do not have to press the Call key when you pick up the phone from the charging bay.

<p>&lt;long&gt;  </p>	<p>Press the Menu key and hold it down for a moment.          The configuration mode is now activated.</p>
<p>          Handset</p>	<p>Press the Menu key repeatedly until the display shows "Mobile".</p>
<p></p>	<p>Press the "Mobile" Foxkey.          The display shows "Answer".</p>
<p>Answer  </p>	<p>Press the "Answer" Foxkey.          The display shows "Direct: ..." and the active setting.</p>



Use the "❄" Foxkey to select "Yes" or "No".

Press the "OK" Foxkey.  
The setting is stored.

## Linking the Charging Contact to a Function

You want your cordless phone to activate a function automatically whenever you take it out of its charging bay or unplug the cable for direct charging<sup>1)</sup> [e].

In the configuration mode you can choose from predefined functions or define a function yourself. No function is activated as default.

Available functions: See section "Menu Overview".

**Note** If the Twin Comfort function is activated, you cannot configure any other function for the charging contact. This one can only be deactivated by your system administrator.

<long>

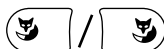


Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.



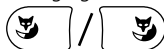
Press the Menu key repeatedly until the display shows "Mobile".

Handset



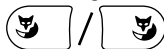
Press the "Mobile" Foxkey.  
The display shows "Charging contact".

Charging contact



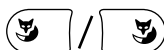
Press the "Charging contact" Foxkey.  
The display shows "Configure".

Configure



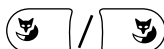
Press the "Configure" Foxkey.

❄



Use the "❄" Foxkey to select the function.

OK



Press the "OK" Foxkey.  
The function is activated.

Activating / configuring a function.

**Note** See also "Defining functions".

1) 135pro



## Twin Mode

You have a corded phone and a cordless phone. You want calls to be automatically rerouted from your corded phone to your cordless phone when you're on the move. Conversely, when you're at your desk, you want to answer all incoming calls on your corded phone only.

In the Twin Mode your corded phone and your cordless phone are coupled together:

When your cordless phone is not in the charging bay, all calls received on your corded phone when Twin Mode is activated will automatically be rerouted to your cordless phone.

When your cordless phone is in the charging bay or when the direct charging cable is not connected<sup>1)</sup>, all calls received on your cordless phone when Twin Mode is activated will automatically be rerouted to your corded phone.

Your system administrator will determine whether either the Twin Mode function or the Twin Comfort function is available on your cordless phone. Either "Twin Mode" or "Twin Comfort" will appear in your cordless phone's configuration mode.

**Note** Twin Mode can only be activated if no call forwarding is activated.

<long>



Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.



Press the Menu key repeatedly until the display shows "Mobile".

Handset



Press the "Mobile" Foxkey.  
The display shows "Charging contact".

Charging contact



Press the "Configure" Foxkey.

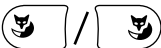
⌘

Press the "⌘" Foxkey repeatedly until the display shows "Twin".



OK

Press the "OK" Foxkey.  
The display shows "TwinNo.:".

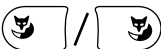


Enter the phone number of the person your cordless phone is to be coupled to.

**Note** You are not tied to your desktop phone; instead, you can couple your cordless phone to any other corded phone.

OK

Press the "OK" Foxkey.  
Twin Mode is activated.



1) 135pro

## Twin Comfort

You have a corded phone and a cordless phone. You want to use your cordless phone to access not only the functions described under Twin Mode but also the lists of your corded phone.

With the Twin Comfort function you can use your corded phone to access and edit the following lists on your corded phone [d]:

- Phone book (private)
- Call list
- List of answered calls
- Redial list

Your mobile phone accepts all the phone book entries of the TWIN set even if there are more of them than usual. For data protection reasons, only the system administrator is authorized to link up your cordless phone with your corded phone or a third-party phone using the Twin Comfort function. "Twin Comfort" will then appear in your cordless phone's configuration mode.

**Note** If the Twin Comfort function is activated, you cannot configure any other function for the charging contact. This is possible only if your system administrator has deactivated the Twin Comfort function. See "Configuring the charging contact".

<long>



Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.



Press the Menu key repeatedly until the display shows "Mobile".

Handset



Press the "Mobile" Foxkey.  
The display shows "Charging contact".

Charging contact



Press the "Configure" Foxkey.  
The display shows "Twin Comfort" and the phone number of the phone to which your cordless phone is connected.

Back



Press the "Back" Foxkey.  
The display once again reads "Charging contact".

## Locking / Unlocking Your Phone's Keys

You want to prevent any keys on your phone being pressed inadvertently.

You can lock the keypad against unintentional actuation. You can choose whether you want the keys to be unlocked automatically when you receive a call or whether you prefer to unlock the keys manually in any case.

You can unlock the locked keypad either completely or for 20 seconds only.

<long>



Locking with automatic unlocking: Press digit key 8 and hold it down a moment.

Keys locked, display shows "Unlock". The keys are automatically unlocked when you receive a call.

The lock is reactivated 5 seconds after the end of the call. This means you can still make a call.

– or –

<long>



Locking with manual unlocking: Press digit key 9 and hold it down a moment.

Keys locked, display shows "Unlock". The keys need to be unlocked manually.

Unlocking the keys manually: Press the "Unlock" Foxkey.

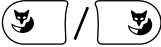
The display shows "Lock off?".

Unlock



Yes

Press the "Yes" Foxkey.



OK

Press the "OK" Foxkey.

The keys are unlocked.



– or –

Temporary

Press the "Temporary" Foxkey.

Keys are unlocked for 20 seconds.



## Activating / Deactivating the Key Confirmation Tone on Your Phone

You want your phone to confirm every keystroke with an audible tone.

For this you need to activate the key confirmation tone.

<long>



Press the Menu key and hold it down for a moment.  
The configuration mode is now activated.



Press the Menu key repeatedly until the display shows "Keys".

Keys

Press the "Keys" Foxkey.



Press the "⌘" Foxkey repeatedly until the display shows "Confirmation tone".



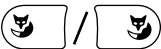
OK

Press the "OK" Foxkey.



⌘

Use the "⌘" Foxkey to select: "Yes" or "No".



OK

Press the "OK" Foxkey.



Press the C-key.  
The setting is stored. The phone is in standby mode.

## Activating / Deactivating Discreet Ringing on your Phone

You do not want to be disturbed by your phone ringing. However, you do not want to switch off your phone.

Discreet ringing is available on your phone as an alternative to the usual ringing. With discreet ringing, the ringing signal rings only once.



Press the Menu key repeatedly until the display shows "Discreet ringing".

Discreet ringing



Press the "Discreet ringing" Foxkey.

Discreet ringing activated: The display shows "Discreet ringing" and "Reset".

### Note

You can activate discreet ringing during the ringing phase by pressing the Menu key and using the "Discreet ringing" Foxkey. If you activate discreet ringing during the ringing, the caller will still hear the normal ringing tone at the other end.



Deactivating discreet ringing: Press the Info key repeatedly until the display shows "Discreet ringing" and "Reset".

Reset



Press the "Reset" Foxkey.

Discreet ringing is deactivated.

## Redkey

You want to use your phone to switch on a heating system, operate a sun blind, call for help, trigger an alarm or actuate another function on an outside system [\[e\]](#).

### Triggering a Function with the Redkey

Your system administrator can set up one or more Redkeys on your phone. Pressing a Redkey then triggers the configured function on the connected outside system.

A Redkey can be set up by the system administrator on any configurable key of your phone. Redkeys can only be set up via the system configuration. It is not possible to modify a Redkey configuration via your phone.

If a Redkey is to be triggered quickly and spontaneously in any situation, it is best to configure it on the Hotkey.

Ask your system administrator whether Redkeys have been set up on your phone, where and what for.

You're making a call or dialling a number or being called or the phone is in the idle state:



Press the Redkey to trigger the function.

**Note** The function is always actuated regardless of whether you press the Redkey once, twice or hold it down for a moment.

**Note** If a Redkey is set up on the Hotkey, the function is also actuated if you hold down the Redkey for a moment when the keypad is locked.

### Status display

The outside system can acknowledge that a function has been actuated by a Redkey by sending a message to the phone's display (with or without a prompt to acknowledge the message).

## Operating Your Phone in GAP Mode

You want to operate your phone on a third-party system. You can log your phone on to a third-party system that supports the GAP standard.

To log on your phone on a third-party system, proceed according the instructions in chapter "Configuring Phone Functions".

### Supported Features

Even on a third-party system you do not have to do without the phone's operator convenience: This means the basic functions and the operator prompting remain the same, and are fully supported (see Chapter "Dialling and Making Phone Calls" and "Operator Prompting"). Most of the terminal settings are also supported (see Chapter "Customising the Phone Settings"). Functions supported (summary):

- Call lists (10 entries each in the list of answered calls and the list of unanswered calls)
- Last-number redial list (last 10 calls)
- Private phone book (100 entries)
- Copy call number from call list to private phone book
- 4 configurable Hotkeys
- Banner-page text, user editable
- Display caller's call number and caller's name, provided they are either entered in the local phone book or transmitted by the third-party system.
- Discreet ringing
- Vibra call (135pro)
- Headset socket (135pro)
- Socket for direct charger (135pro)
- Enquiry call during a call
- Hands-free operation: Switch microphone on/off during a call
- Menu texts in more than 13 languages

### Features that Depend on the Third-Party System

With certain telephony features, it depends on the connected third-party system whether or not those features are supported:

- Forward calls
- Forwarding calls
- Picking Up a Call
- Set up conference from the idle state
- Paging an Internal Subscriber
- Answer the pager
- Answering a General Bell
- Protect against Call waiting

## Not Supported Features

Some operating functions are not supported as they are executed in the system, not in the phone:

- Store functions on keys
- Twin Mode / Twin Comfort
- Linking the Charging Contact to a Function

Some of the telephony features are not supported as they are executed in the system, not in the phone:

- Long-click \* for DTMF
- Set up call using the Loudspeaker key
- Dialling with Quickdial
- Dialling by name: Access only to names stored in the local phone book.
- To activate a callback request
- Call waiting
- Starting / Receiving an Announcement
- Park call party
- Leaving a Message
- Phone lock
- Deflect a call during the ringing phase
- Starting / Receiving Text Messages
- Suppressing your call number from your called party's terminal display
- Tracing Malicious Calls
- Voice Mail Notification
- All procedures



## Putting Your Phone into Operation

### Logging Your Phone on

Your system administrator has to prepare the system before you can log on your phone.

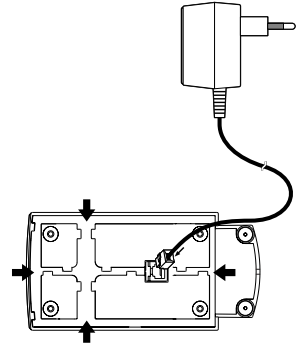
### Connecting<sup>1)</sup> the plug-in power adapter

1. Plug the smaller connector into the socket on the underside of the charging bay.
2. Feed the cable through the strain relief provided.
3. Plug the plug-in power adapter into an available socket outlet.

### Attaching the charging bay to other phones

You can attach your phone's charging bay to other phones, providing they also have attachment slots on the underside. This makes sense if, for example, you have several cordless phones on your desk or if you are using a cordless phone in connection with a desktop set. To attach the phones to one another, proceed as follows:

1. Push the attachment tabs into the attachment slots on the charging bay until you feel them click into place.
2. Fit the projecting extremities of the attachment tabs into the attachment slots of the phone or of another charging bay and carefully push both housings together until you feel them click into place.

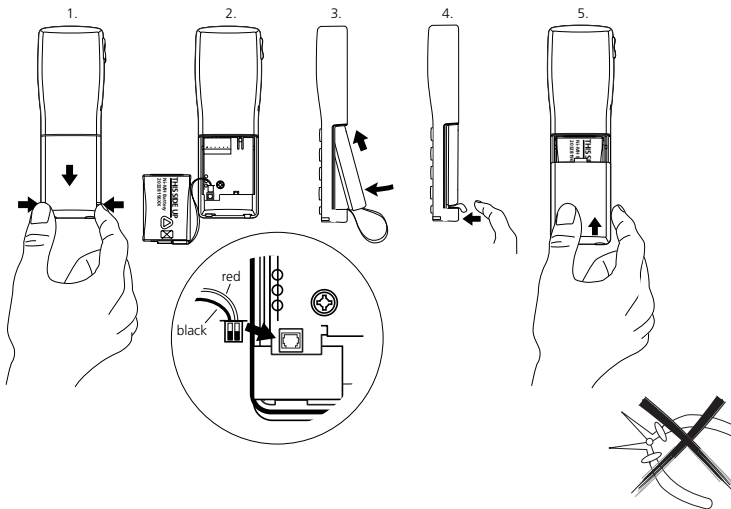


**Note** Operating several phones in interconnected charging bays can cause malfunctions in radio operation.

---

1) Note: Plug designs vary from country to country

## Inserting the battery pack



Please observe the rules and regulations when dealing with batteries in the chapter "Safety and liability".

1. Remove the cover from the battery compartment: Press down gently on the cover and pull the side ribbing downwards.
2. Plug the connector as indicated in the diagram into the left bottom socket in the battery compartment. Press them in carefully with your finger as far as the stop. Do not use any tools!
3. Insert the battery pack at an angle towards the centre of the phone housing. Make sure the lettering "This side up" is at the top. Make sure that the phone cord does not end up under the battery pack.
4. Store the phone cord carefully between the phone housing and the battery pack.
5. Slide the battery compartment cover over the batteries until the cover snaps into place. Make sure the phone cord is not caught on the cover and pulled along.

## Charging the batteries

The batteries are supplied uncharged.

- To charge the batteries, place the phone in the charging bay.
- The 135pro can also be charged without the charging bay, using the optional plug-in power adapter.
- You can display the battery charge state by keeping key 6 pressed down. After switching on the phone you need to leave it to charge for a while before the charge indicator can detect the battery charge state.

It takes two to three charging cycles for the batteries to reach their fully charged state. To do so discharge the phone by not placing it back into the charging bay until the batteries are completely or almost completely discharged.

**Display is working, but connection is not possible**

Your phone may be locked. Unlock your phone (see "Locking / unlocking your phone").

**The display reads: "System busy"**

At the moment no connection can be set up via the current system base. The phone is trying to set up a better radio connection with the same or a different system base. This message appears in standby mode only.

**The display reads: "No System"**

You have moved out of the coverage area; the radio connection is interrupted. Move closer to a radio station.

**Insufficient display contrast**

The setting for the display contrast is inadequate. Alter the setting in the configuration mode, see "Setting the display contrast".

**Impaired sound quality during hands-free operation**

The sound quality can be affected if the volume is too loud – turn down the volume. If the sound quality fluctuates, contact your system administrator.

**Overload xx**

You are either in a "coverage hole" or the system is overloaded. Simply alter your position slightly or the way you are holding the phone. Or else contact your system administrator.

**Leaving the coverage area**

During a call: Shortly before you leave the coverage area, you will hear a warning signal. The system constantly tries to re-establish the connection. Once the connection is restored, you will hear a continuous ringing. Press the Call key to reconnect with your call partner.

Not during a call: If you leave the coverage area with your handset, an external caller will not obtain the standby tone nor the busy tone if busy. Your system administrator can set up a call forwarding unconditional or busy tone to cover such eventualities.

**Note**

For all other messages, faults and questions you may have, contact your system administrator.

## Operation

Standard	DECT/GAP
Frequency range	1880 MHz – 1900 MHz
Transmitted power	10 mW, average power per channel

## Batteries (rechargeable)

Battery cells	1 battery pack with 2 Ni-MH batteries (34 mm x 48 mm x 6mm) and a preassembled phone cord
Capacity	880 mAh
Operating times	120 h standby / 12 h talk time
Charging time	Approx. 1 h for average daily use Approx. 6 h for full charging

**Note** Frequent actuation of the keys impairs service life (especially on the 135pro and when the backlighting is switched on)

**Note** It takes several charging cycles for new batteries to reach full capacity. Please observe the rules and regulations when dealing with batteries in the chapter "Safety and liability".

## Ambient conditions

Operating temperature	5 °C to 40 °C / 5 % to 85 % relative humidity
Storage temperature	-25 °C to +45 °C

## Dimensions and weight

Telephone	Length: 138 mm – Width: 49/43 mm – Depth: 23/19 mm 130 g
Charging bay without power adapter	Length: 162 mm – Width: 81 mm – Depth: 67 mm 100 g

Functions that are not available via the menu can be activated using \*/# procedures.

You can either type in a \*/# procedure directly or store it under a key.

You can only activate certain \*/# procedures if the same function cannot be obtained via the menu.

The availability of certain \*/# procedures may be restricted depending on the system and software version.

	*/# Procedure	Remote control
<b>Activate / deactivate function via third-party phone (remote control)</b> (Enter number of own phone)	*06 <SC No.> <Function>	
<b>Activate / deactivate an appointment reminder call</b> <ul style="list-style-type: none"> <li>• Activate standing order</li> <li>• Clear standing order</li> <li>• Activate single order</li> <li>• Clear single order</li> </ul>	*56 <hh mm> #56 *55 <hh mm> #55	X X X X
<b>Activate exchange access with charge recall</b>	*32 <SC No.>	
<b>Announcement</b> <ul style="list-style-type: none"> <li>• To a subscriber</li> <li>• To a group</li> <li>• Answer to group</li> </ul>	*7998 <SC No.> *79 <GR No.> *89	
<b>Announcement service</b> <ul style="list-style-type: none"> <li>• Activate group 1 or 2</li> <li>• Deactivate group 1 or 2</li> </ul>	*93 1 or 2 #93 1 or 2	
<b>Answer general bell</b> <ul style="list-style-type: none"> <li>• Coded ringing</li> <li>• Ringing signal</li> </ul>	*82 *83	
<b>Answer the pager</b>	*82 <SC No.>	
<b>Call forwarding (Call forwarding)</b> <ul style="list-style-type: none"> <li>• Protect against</li> <li>• Allow to own set</li> <li>• Activate CFNR</li> <li>• Clear CFNR</li> <li>• CFNR to last configured Activate SC</li> <li>• CFNR to last configured Clear SC</li> <li>• CFNR to preconfigured Activate SC</li> <li>• CFNR to preconfigured Clear SC</li> <li>• Activate CFNR to a pager</li> <li>• Clear CFNR to a pager</li> <li>• Activate CFNR to general bell</li> <li>• Clear CFNR to a general bell</li> </ul>	*02 #02 *61 <SC No.> #61 *61# #61 *62 #62 *68 #68 *68 #68	X X X X X X X X X X



	*/# Procedure	Remote control
<b>Lock / unlock the phone</b>		
<ul style="list-style-type: none"> <li>• Lock with new code</li> <li>• Lock with code last used</li> <li>• Unlock with new code</li> </ul>	*33 <Code> *33# #33 <Code>	
<b>Log into / out of user group</b>		
<b>User group (UG)</b>		
<ul style="list-style-type: none"> <li>• Log into all user groups</li> <li>• Log out of all user groups</li> <li>• Log into a particular user group</li> <li>• Log out of a particular user group</li> </ul>	*4800 #4800 *48 <User group No.> #48 <User group No.>	X X X X
<b>Making a call on a third-party phone</b>		
Business Calls Private Calls	#36<SC No.><pers. Code> #46<SC No.><pers. Code>	
<b>Page subscriber over paging system</b>		
<ul style="list-style-type: none"> <li>• Page in prefix dialling</li> <li>• Page in suffix dialling</li> </ul>	*81 <SC No.> *81	
<b>Park call party</b>		
<ul style="list-style-type: none"> <li>• Connect with parked call party</li> </ul>	*76 #76	
<b>Picking up a call</b>		
	*86 <SC No.>	
<b>Private call with personal code (PIN)</b>		
	#46<SC No.><pers. Code>	
<b>Open door</b>		
	*751 / *75<x> (x=1,2)	
<b>Requesting a Callback</b>		
<ul style="list-style-type: none"> <li>• Activate message</li> <li>• Clear message from third-party phone</li> </ul>	*38 <SC No.> #38 <SC No.>	X X
<b>Route calls / functions via switch groups</b>		
<ul style="list-style-type: none"> <li>• Switch group x, switch position 1</li> <li>• Switch group x, switch position 2</li> <li>• Switch group x, switch position 3</li> </ul>	*851 / *85 <x> 1 *852 / *85 <x> 2 *853 / *85 <x> 3 (x=2...9)	
<b>Sending a Message</b>		
<ul style="list-style-type: none"> <li>• To a subscriber</li> <li>• To a group</li> <li>• To all</li> </ul>	*3598 <SC No.> <Message No.> # *35 <GR No.> <Message No.> # *3599 <Message No.> #	X X X
<b>Set up a conference call</b>		
<ul style="list-style-type: none"> <li>• Preset</li> <li>• Variable</li> </ul>	*70 <Conf. No.> *71 <SC No. 1> * to <SC No. 5> #	

# \*/# Procedures

	*/# Procedure	Remote control
<b>Suppressing your call number from Display</b> <ul style="list-style-type: none"><li>• CLIR per call</li></ul>	*31	
<b>Switch the phone network manually – LCR (Fallback)</b> (after fallback the external phone number last dialled is selected automatically)	*90	



You want to activate a feature described in these Instructions but the system will not let you.

Some systems or system versions do not support all the features. The corresponding text sections are identified by a number inside square brackets. The list below indicates which system versions support the relevant features. For more information contact your system administrator.

	S3	S4	ISDN-4.6	ISDN-5.0	ISDN-5.5	I6	I6.1
[a]				X	X	X	X
[b]						X	X
[c]	X	X	X			X	X
[d]	X	X		X	X	X	X
[e]							X

**Note** The menu tree can vary depending on the system and the software version. The present menu tree refers to system version I6.1

## Press the Menu key

### ABC Name dial

- All
- Abbr. Dialling
- Internal Dialling
- Private

### Redial list

- Call list
- Delete

### Phone book

- View
  - All
  - Abbr. Dialling
  - Internal Dialling
  - Private
- Modify (Private)
- New entry
  - Number
  - Name
- Search
  - Call list
  - Modify
    - Number
    - Name
  - Read
  - Delete

### Call list

- Answered calls
  - Detail
  - Delete
- Unanswered calls
  - Detail
  - Delete

### Diversion

- Divert to subscriber
  - Number
- Divert to message
  - 1...16
- Divert on busy
  - Number
- Forwarded to: Subscriber
  - Number

### Discreet ring On

### Pick up

- Subscriber
- Number

- Pager
  - Number
  - Central Bell

### Message

- 1...16
  - Subscriber
  - Number
  - Group
  - Number
- All

### Announcement:

- Subscriber
- Number
- Group
- Number

### Configuration

see Confirm with long click on Menu key

- Pager
  - Number

### Press the Menu key and hold it down for a moment

#### Phone book

- New entry
  - Number
  - Name
- Search
  - Modify
    - Number
    - Name
  - Read
  - Delete

### Text

- Idle text

### Tasten

- KeyLock
- Hotkey
  - Hk1... Hk6
  - Number key
    - Memory1: Enter number
    - Memory2: Enter number
  - Function key
    - Twin/TwinComf
    - Number
  - Sammelanschluss
  - AllUsrGrp

- UsrGrp1...UsrGrp29
- configurable
- CLIR call by call
- Deflect
- Configurable function key
- Park
- Do not disturb
- Discreet ring
- Diversion
- Routing
  - Gr1Pos2...Gr9Pos3
- Relay
  - Relay1
  - Relay2
  - Relay3
- Courtesy group
  - Courtesy gr.1
- Barring
  - Intrus. barred
  - Announcement barred
- Remote Maintenance
  - On
  - Only Once
- MCID
- ACD
  - Login/logout
  - Pause
  - Wrap up time
  - No function
- Foxkey
  - Fox1...Fox2
  - Number key
    - Memory1: Enter number
    - Memory2: Enter number
  - Function key
    - see Function key Hotkey
- Confirmation tone
  - Yes
  - No

## Mobile

- Charging contact
- Programming
  - Twin
    - TwinNr
    - >Tasten/Hotkey/Function key
- Answer
  - Direct
    - Yes
    - No

## Terminal

- Switch off
- Barring
  - Free
  - Configuration barred
  - Barred

- Contrast
  - 1...5
- Backlight
  - On
  - Off
- Range beep
  - On
  - Off
- Syst. Busy Beep
  - On
  - Off

## Code

- Old code
- New code
  - Confirm

## Ring:

- Normal ringing
  - Ringing signal volume: 1...5
  - Melody: 1...7
  - Ring.signal speed: 1...7
- Discreet ring
  - Ringing signal volume: 1...5
  - Melody: 1...7
  - Ring.signal speed: 1...7
- Call alert
  - Vibracall only
  - Ring only
  - Ring+Vibracall
  - LED only

## \*Language

- Language,Sprache,Langue,Lingua

## DTMF

### Call waiting

- received
- not received

## DTMF

- Call waiting
- Show Handover
  - None
  - Beep
  - Disp
  - Both

## System

- System: A
- System: B
- System: C
- System: D
- System: Auto
- Menu key
  - Registering

**\*/#, ...**

- #-key ..... 3
- \*/# Procedures ..... 77
- \*-key ..... 3

**A**

- Activate discreet ringing ..... 69
- Activate exchange access with charge recall ..... 77
- Activate/deactivate DTMF ..... 42
- Activate/deactivate function via third-party phone ..... 77
- Activate/Deactivate Illumination ..... 49
- Activate/Deactivate range beep ..... 49
- Activate/deactivate the DTMF Mode ..... 42
- Activating/Deactivating Functions by Remote Control ..... 47
- Announcement ..... 77
- Announcement service ..... 77
- Answer/Reject or clear a Callback Message ..... 41
- Answering a Call ..... 12
- Answering a General Bell ..... 45
- Answering a pager ..... 45
- Answering Call Waiting ..... 27
- Appointment reminder ..... 77
- Attachment tab ..... 73

**B**

- Basic Settings ..... 48
- Battery ..... 4
- Brokering ..... 30

**C**

- Call ..... 5
- Call duration ..... 12
- Call Forwarding on No Reply ..... 34, 77
- Call Forwarding Unconditional ..... 33, 78
- Call key ..... 3
- Call list ..... 25
- Call pick-up ..... 41
- Call preparation ..... 20
- Call transferring ..... 31
- Call waiting ..... 51, 78
- Call Waiting on an Internal Subscriber ..... 27
- CFNR ..... 77
- CFU ..... 78
- Changing your Personal Code ..... 50
- Charges ..... 12
- Charging ..... 74
- Charging contacts ..... 3
- Charging socket ..... 3
- Charging the batteries ..... 74
- C-key ..... 3
- Clear callback ..... 78

Clearing a Key .....	58
Conference call .....	79
Configuration mode .....	5
Configuring Keys .....	56
Configuring Phone Functions .....	60
Confirmation tone .....	68
Connect .....	31
Connection .....	5
Controlling Relays .....	78
Correcting your Input .....	20
Creating a New Phone Book Entry .....	54

**D**

Data backup .....	77
Deactivate functions .....	78
Deflect a call during the ringing phase .....	38
Deflection .....	38
Dialling and Phoning .....	12
Dialling by name .....	23, 24
Dialling from the Call List of Answered Calls .....	25
Dialling from the Call List of Unanswered Calls .....	25
Dialling with a Configurable Hotkey .....	26
Dialling with Redial .....	13
Dialling with the Phone Number .....	13
Discreet ringing .....	52
Display .....	3, 4
Display elements .....	2
Do not disturb .....	78
DTMF Mode .....	42

**E**

Edit/Scroll .....	21
Editing a Phone Book Entry .....	55
Ending a Call .....	12
Enquiry Call During a Call .....	30
Enter a phone number in call preparation .....	20
Entering the Display Text for the Idle State .....	51
Enters digits .....	19
Enters letters .....	19
Equipment provided .....	7

**F**

- Fallback .....80
- Finding by paging system ..... 44, 79
- First-Time Operation .....73
- Follow me .....78
- Formulating Functions .....59
- Forwarded call .....5
- Forwarding .....33
- Forwarding a Call .....33
- Forwarding a Call on No Reply .....34
- Foxkey ..... 3, 5
- Function .....5
- Function Commands .....59
- Function key .....57
- Function under a Foxkey .....59
- Functions .....77

**G**

- GAP (logging as a GAP set) .....61
- GAP (operating in GAP mode) .....61
- General bell .....77

**H**

- Hands-free operation .....5, 14
- Headset jack .....3
- Headset mode .....15
- Hotkey ..... 3, 5, 26

**I**

- Info key .....3
- Information .....5
- Input character .....19
- Inserting the battery pack .....74
- Installation .....73
- Intrusion allow to own set/Protect against .....78

**K**

- Key Assignment .....18
- Key confirmation tone .....68
- Keypad .....3

**L**

LCR .....	80
Leaving a Message .....	35
LED .....	3, 22, 76, 82
Liability .....	9
Linking the Charging Contact to a Function .....	64
Linking the Charging Contact to Direct Answering .....	63
List of answered calls .....	25
Lock .....	36, 67
Lock the phone .....	36
Lock/unlock key .....	67
Locking Your Phone .....	79
Logging your phone on .....	73
Loudspeaker .....	3
Loudspeaker key .....	3
Loudspeaker volume .....	4

**M**

Making a Call .....	12
Making a call on a third-party phone .....	43, 79
Making a Conference Call .....	32
MCID .....	46
Menu .....	5
Menu key .....	3
Menu-Guided Navigation .....	5
Microphone .....	3, 5
Muting the Microphone .....	14

**N**

Navigating through info lines .....	16
Navigating through the Foxkey menu .....	16
No System .....	75
Normal ringing .....	52
Number key .....	56

**O**

Open door .....	79
Operating elements .....	2
Options .....	7
Outside systems .....	70
Overload xx .....	75

**P**

Page .....	79
Pager .....	44, 45, 77
Park .....	31, 79
Personalizing Your Phone .....	48
Phone Book Management .....	54
Picking Up a Call .....	41, 79
Pressing a Key .....	17
Private call with personal code (PIN) .....	29
Protect against Call waiting .....	51

<b>Q</b>	
Quickdial .....	23
<b>R</b>	
Radio connection .....	4
Read Text Messages .....	40
Receiving an Announcement .....	28
Reception range .....	4
Redial .....	13
Redial list .....	13
Redkey .....	70
Registering on a system .....	5
Reject .....	38
Reject a call during the ringing phase .....	38
Remote control .....	47, 77
Requesting a Callback .....	26, 79
Reversing the scroll direction .....	21
Ringing mode (Normal ringing, Discreet ringing) .....	52
<b>S</b>	
Scroll .....	21
Scroll/Edit .....	21
Security .....	9
Selecting the Language .....	49
Send text messages .....	39
Sending a Message .....	79
Set First-Time Operation .....	73
Set the contrast .....	48
Set the ringing volume .....	50
Setting the call alert .....	53
Setting the Display Contrast .....	48
Setting the Ringing Properties .....	52
Setting the System Parameters .....	49
Settings on the Phone .....	48
Signals .....	22
Sound aperture .....	3
Starting an Announcement .....	28
Status information .....	5
Store a function under a key .....	57
Store a phone number under a key .....	56
Supplementary features .....	23
Suppressing your call number .....	46
Suppressing your call number from display .....	80
Switch groups .....	79
Switch the phone network manually .....	80
Switches systems .....	63
Switches the phone off .....	60
Switches the phone on .....	60
Switching the Phone Off .....	60, 62
Switching the Phone On .....	60, 61
Symbols .....	4
System busy .....	75



**T**

Text mode .....	5, 19
To activate the Vibra call .....	53
Tracking a Malicious Call .....	46
Transferring a Call Partner .....	31
Troubleshooting .....	16, 75
Twin Comfort .....	66
Twin Mode .....	65

**U**

Undoing Actions .....	21
Unlock .....	37, 67
Unlocking Your Phone .....	79
Upper and Lower Case .....	20
User group .....	5, 79
Using the Foxkey .....	17

**V**

Vibra call .....	5
Volume key .....	3



**CE** We, Aastra Telecom Schweiz AG, declare with full responsibility that the product complies with the provisions of Directive 1999/5/EC of the Council of the European Union.

You will find the complete text of the declaration of conformity and other documents under:

[www1.aastra.com/docfinder](http://www1.aastra.com/docfinder)

Subject to delivery availability and technical modifications.

The scope of performance depends on the system and the software version.