Aastra Phone 142
User Manual

AASTRA

Welcome to Aastra

Thank you for choosing this Aastra telephone. It's a high-quality product with a superior design.

The following instructions will guide you in using your Aastra Phone 142 and provide answers to all your most important questions. If you should require any further technical support or information about other Aastra products, please first contact the person responsible for your system or get in touch with your local retailer.

You can also find information about this phone and other products on our website.

We hope you enjoy using your Aastra Phone 142

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Using Your Telephone

Important Safety Information

Proper use / Declaration of Conformity

Use in accordance with intended purpose / declaration of conformity.
In all EU member states this product may be operated on a communication system that supports the specifications for an Open Mobility Management (OMM) system.
The phone complies with the radio-specific, European-wide harmonised standards for DECT.
The CE mark on the product certifies its conformity with the technical guidelines for user safety and electromagnetic compatibility, valid from the date of issue of the relevant Declaration of Conformity pursuant to European Directive 99/5/EC. The Declaration of Conformity can be viewed on the Aastra homepage.
Please also use the other documentation supplied along with the individual parts of your phone system.
Like any cordless phone this mobile phone uses radio signals which do not always guarantee that a connection can be established under any circumstances. As a general rule you should therefore never rely exclusively on cordless phones for essential communication needs (e.g. medical emergencies).

Power Supply / Power Failure / Rechargeable Batteries

The main voltage of the adapter must match the local mains voltage (230 V AC) in order to operate the charger cradle. You can only cut the power to the charger cradle off by removing the adapter from the mains socket.

In the event of a power outage, the contents of the memory (program and user data) will be saved without any changes being made.

Please refer to the important notes on using the rechargeable batteries mentioned in the Appendix on page 58

Safety Precautions

The charger cradle must only be installed and operated indoors.
Place the charger cradle on a nonslip surface.

Do not place the charger cradle or the handset in the proximity of:
- Water, moisture or damp areas, for example bathrooms.
- Sources of heat, direct sunlight or unventilated areas.
- Devices that generate strong magnetic fields, electrical appliances, fluorescent lamps, computers, radios, televisions, fax machines or telephones.

- Areas where the equipment can be covered, its ventilation impaired or liquid can get inside.
- Areas where there is excessive dust and areas subject to vibration, shock or extreme temperature fluctuations.

Please note the following when setting up, connecting, and using your telephone:
- Lay the cables where they cannot be walked on or tripped over, causing injury.
- Connect the cables to the appropriate sockets only.
- Only connect authorized accessories.
- Only use the plug-in adapter supplied (ID No.: 4512132 Continental Europe / 4513788 for UK).
- Scientific research has shown that in certain cases, medical equipment can be influenced by operational DECT telephones. You should therefore adhere to any regulations applicable in medical institutions regarding the operation of cordless telephones.
- Never
  - open the charger cradle or handset yourself (except for the battery compartment cover)
  - touch the contacts with sharp or metallic objects
  - carry the charger cradle by its connector cables.
- Only use a slightly damp cloth to clean your telephone.
- Do not operate your telephone in areas where there is any risk of an explosion.

Keep the handset and accessories out of reach of small children.

Note for the users of hearing aids
Before using the handset, users of hearing aids should note that such aids can receive radio signals, which, if powerful enough, may cause an unpleasant hum.

Overview and Basic Information

General Information

The Aastra Phone 142 is a telecommunications device that you can operate on a communications system specified as compatible with an OpenMobilityManagement system (OMM).
The newly designed menus enable easy handling and fast access to the many functions and features provided by your system.

Make yourself familiar with your telephone equipment. You'll discover many new functions that make communication and organization easier.

DECT and GAP

Your handset uses a digital radio connection in accordance with the Digital Enhanced Cordless Telephone (DECT) standard for the connection to the base station. This digital channel guarantees the highest voice quality possible without static or background noise.
The Generic Access Profile (GAP) and the DECT standard define methods according to which digital cordless telephones can establish connections. As the GAP standard is not manufacturer-specific, it's possible to combine base stations and handsets from different manufacturers with one another. Basic functions (i.e., making and receiving calls) are always possible when using these combinations. Other functions (e.g., the display of phone numbers or connection states) may not be available if you use other manufacturers' devices, however. For more information, please refer to the user guide provided by the other manufacturer or ask your system administrator.

Memory Card

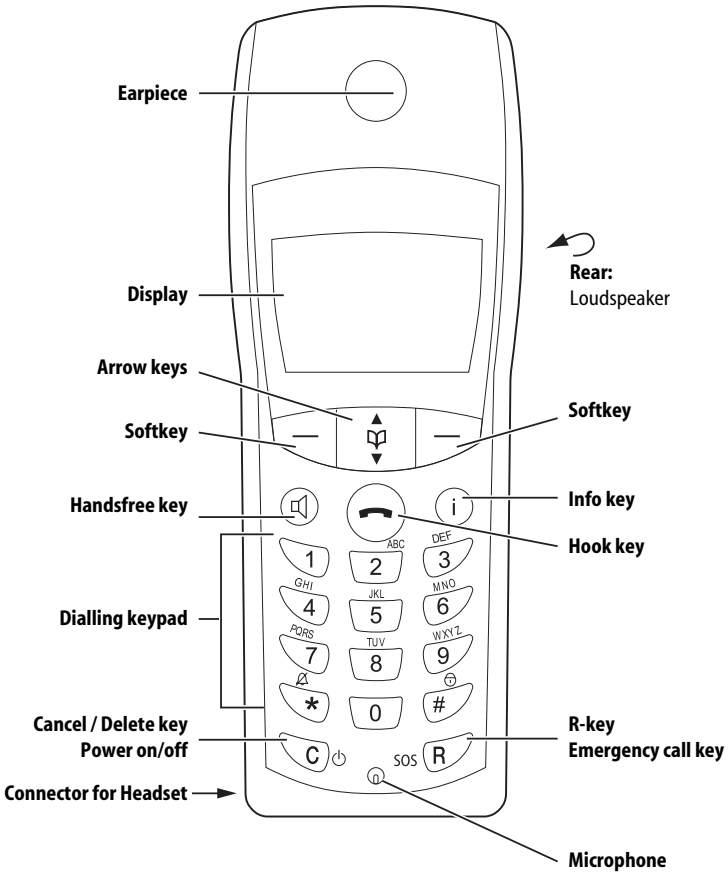
The Aastra Phone 142 is equipped with a memory card. This stores your phone's local settings (including a local telephone book with up to 100 entries) and its identification number (IPEI). This means that if you exchange phones with someone else, you simply take your memory card out of your own phone and plug it into the other one. You will then have all the data you need in the new phone and can make calls right away without having to register it on the base station again.
The memory card is inserted in a slot in the battery compartment underneath the batteries. For security purposes, your phone is fitted with an additional battery compartment lock.
In some models, the memory card has already been inserted in the factory. If the memory card has been supplied separately, you will have to insert it in its slot yourself. This is located in the battery compartment underneath the batteries. For instructions on how to insert the memory card in the Aastra Phone 142, please refer to the section entitled "Installation" below.

Headset Connector

Your phone is equipped with a 2.5 mm jack for connecting a headset. In order to maintain electrical compatibility, it is important that you only connect the headset supplied as an accessory by Aastra.

Overview

Handset:



The Keys on the Handset

Softkeys - the function allocated to each key is shown in the display. The key function changes automatically according to the respective operating state of the handset. If a function only permits you to switch between two options, these are allocated to the left and right softkeys. If more than two options are available, then the **Options** softkey will appear.

When your phone is in the idle state, the arrow key ▼ opens the telephone book. In this case, the arrow key ▲ has no function.
When a menu or list is displayed, the arrow keys move the cursor to the desired entry.

R-key: this is used to make enquiry calls.

Handsfree key: switches the built-in loudspeaker on (key is lit) and off.

Info key:
Press this key briefly while your phone is in the idle state to open the info menu (caller list, redialing, telephone book, voice box).
The key flashes when there are new messages (missed calls/messages in your voice box).

The C-key is used to delete erroneous input when you are making an entry. A long press on this key in the idle state switches your handset on/off.

Hook key: pressing this key corresponds to going off hook (i.e., picking up the handset) or on hook (replacing it again) when using a conventional telephone.

Number keys: these keys are used to enter phone numbers or names directly.
Keys "1" – "9": a long press on the desired key activates the quick call numbers "1" – "9".
Key "0": a long press on this key when you are entering a phone number inserts a pause.

The hash key enables you to enter the hash icon.
A long press in the idle state switches the key lock on/off.

The star key enables you to enter the star icon.
A long press in the idle state switches the ringer on/off.

All of the keys are illuminated.

Installation

Unpacking and Installing Your Telephone

Unpacking Your Telephone

The package contains:

- Aastra Phone 142 handset
- Charger cradle
- 230 V plug-in adapter with a connector cable (3 m)
- Three rechargeable batteries
- Memory card (either already inserted or separate, depending on the model)
- Belt clip
- Brief user guide

Setting up the Charger Cradle

Your telephone was designed for normal operating conditions. These days, furniture is coated with a large range of different paints and synthetics, and then treated with various polishes. It is possible that some of these substances may contain components which damage the rubber feet on the charger cradle. In this situation, the feet may leave unsightly marks on the surface of furniture. The manufacturer cannot accept any liability for damage of this nature. For this reason you should place your charger cradle on a nonslip base, especially in the case of new or polished furniture.

Note

- Please note the following:
  The 230 V mains socket must be within range of the connector cable supplied (3 m).
- Do not locate the charger cradle where it could be damaged when a door or window is opened.

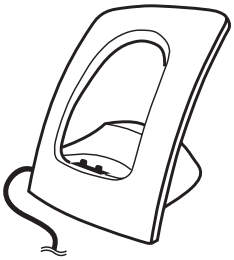
Commissioning the Charger Cradle

In order to start operating your telephone, you must first plug in the charger cradle's power cable.

Safety Precautions

Use only the plug-in adapter supplied for use with the charger cradle.
Its ID no. is 4512132 Continental Europe / 4513788 for UK.

Connect the cable on the plug-in adapter to the terminal on the bottom of the charger cradle, and then plug the adapter into the mains socket.



Plug-in adapter

Note

Your charger cradle will not work if the adapter is not plugged in or the power fails.
If there is no power to the charger cradle and the handset is placed in the cradle, the handset will remain switched on and will gradually discharge itself while on standby.

Commissioning the Handset

Important Information about the Batteries

Never use the batteries for any purpose other than that for which they were intended. Never use a battery which is damaged or worn out.

Heat or cold reduces the performance and service life of the batteries. A handset with hot or cold batteries may be temporarily out of order even if the batteries are fully charged.

Used batteries should be disposed of in accordance with local authority regulations. Please hand them in for recycling if possible.

Do not throw batteries in a fire.

Charging and Discharging

The batteries can be charged and discharged hundreds of times, but sooner or later they will be worn out. If the operating time (i.e., talk and standby time) is significantly shorter than usual, then it is time to replace the batteries.
To maintain the highest operating time possible, the batteries should be discharged now and again by not placing the handset in the charger cradle but leaving it switched on until it discharges itself. Only use this method to discharge the batteries.

Extreme temperatures influence the charging capability of the batteries.

Initial Setup and Operation

Charge the batteries approximately six to seven hours before using the handset for the first time. This protective measure will extend the service life of the batteries.
The maximum capacity is only attained after three to five charging and discharging cycles.
Place the handset regularly in the charger cradle, thus ensuring optimum charging of the batteries.

When replacing the batteries, please pay attention to the correct polarity. It is essential to make sure that only battery types approved by the manufacturer are used.
The manufacturer does not accept any liability for malfunctions or damage caused by using normal batteries or other types of rechargeable batteries.

Your handset is only operational after the batteries have been charged. You can then use the handset to make and receive calls.

Charging and Operating Times

Charging time: (empty batteries) to full capacity in approx. six to seven hours.
Talk time: approx. 14 hours (with fully charged batteries).
Standby time: up to 140 hours (with fully charged batteries).

Note

If the battery charge is unknown, they will be fully charged in approx. 14 hours.

Inserting the Batteries

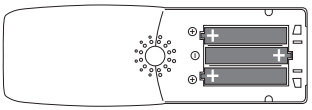
The battery compartment is on the back of the handset. It takes the three type AAA batteries that are supplied.
Please refer to the important information about the batteries mentioned in the Appendix (page 58).

Opening the Battery Compartment

Insert a suitable, sharp item (the top of a ballpoint pen, for example) into the hole at the bottom of the handset (1). Simultaneously lift the battery compartment cover upward as shown (2).

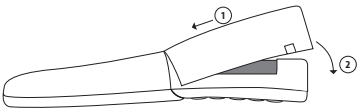
Inserting the Batteries (Observe the Polarity)

Take care to observe correct polarity: the + - markings of the batteries must correspond with the + - markings in the battery compartment.
It does not require any force to insert the batteries. If you try to insert them with incorrect polarity, you may damage your phone.



Closing the Battery Compartment Cover

When you have inserted the memory card (see next page) and the batteries, replace the cover by placing it on the compartment at a slight angle (1) and pressing it down until it clicks into place (2).



Note

Switch the handset off before you remove the batteries, as otherwise data may be lost.

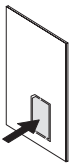
Inserting the Memory Card

If a memory card was not in your handset when you first unpacked the phone, then you will have to insert it in its slot in the battery compartment yourself.

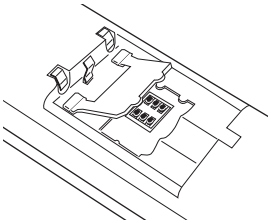
Important note on safety

Take great care handling the memory card. The contacts should be free of dust, grease, moisture, etc. Do not store your card in a place where it will get hot (e.g., through direct exposure to sunlight). Avoid bending the memory card, as the contacts may get damaged as a result.

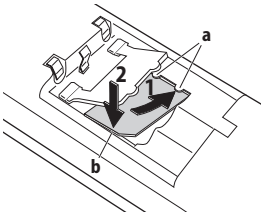
- First of all, press the memory card out of the frame holding it using your finger.



- Then push the memory card cover in the battery compartment in the direction of the arrow (OPEN). Tilt the cover upward slightly. Make sure you never touch the gold contacts that are now visible, as static discharge could lead to the device becoming defective.



- Press the memory card under the two semicircular protuberances (a) in the memory card slot. Make sure the contacts are face down as you do so and that the notched edge of the card is at the bottom left.
- Press the memory card down until it snaps audibly into place.
- Close the memory card slot using the cover (to do this, push the lugs into the housing until the cover lies in a flat position on top of the memory card).



Removing the Memory Card

You only need to take out the memory card if you wish to give the handset to someone else or need the memory card for a new handset.

- After removing the batteries: Push the memory card cover in the battery compartment in the direction of the arrow (OPEN). Tilt the cover upward slightly.
- Using a pointed object, press on point (b) to release the card, as shown in the diagram.
- Now you can lift out the memory card.

Charge Display

The charge status of the batteries is indicated on the display:

batteries are 81 - 100% charged

batteries are 61 - 80% charged

batteries are 41 - 60% charged

batteries are 21 - 40% charged

batteries are 0 - 20% charged

(frame flashes) batteries are almost empty; a warning has been given.

Your handset has a battery management system which has to ascertain the limits of the battery charge status first before it can output the correct status to the display.
When you insert the batteries for the first time, the charge status will not be displayed correctly until they have been completely discharged and then completely recharged.
When the handset is placed in the charger cradle, the flashing or lit segments indicate the charging process or charge status respectively.

Charge Warning

When the batteries' capacity is almost exhausted, the battery icon in the display will flash, and an acoustic warning is given in the form of three short “beep” signals every minute. If you are making a call, you have approximately five minutes' talk time left before the handset switches itself off.

Use only rechargeable NiMH batteries. Never use normal, nonrechargeable batteries or fuel cells (see page 58).

Note

You can replace your handset in the charger cradle after every call if you wish. The charging process is electronically regulated so that the batteries are always optimally recharged, whatever their charge level at the time. Do not remove the batteries from the handset unless there is a good reason for doing so. Removing the batteries interrupts the optimized recharging process.

The capacity of the batteries can be increased by discharging them **completely** in the handset when they have been in use for a long period and then **fully** recharging them again.

Registering Your Handset

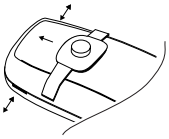
Your handset can be operated on up to ten different communications systems. To do so, it has to be registered to each system.

Your system administrator will register the handset for operation on a communications system with OpenMobilityManager.

If you want to register your handset on any other communications system, please refer to the relevant documentation. If you want to register the handset on a base station complying with the GAP standard, please activate the “GAP only” feature in the “System > Subscriptions” menu (see page 52). In this setting, only GAP-compatible features are available. When the handset is operated on a communications system with OpenMobilityManager (OMM), this feature must not be activated.

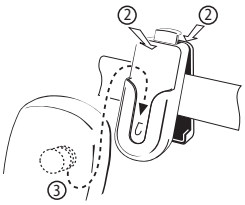
Mounting and Removing the Belt Clip

① Push the adapter ring over the back of the handset until it snaps into the openings on the side. To remove the adapter, pull the two sides slightly apart.

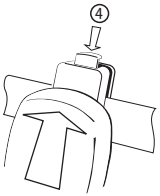


② Mounting the belt clip: Press the upper parts of the belt clip together as shown, push it over the belt, then release the end of the clip again.

③ Fastening the handset: Using the adapter ring, push your handset into the belt clip until it snaps audibly into place.

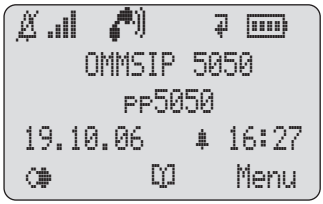


④ Removing your handset: Press the release button and pull the handset upwards and out of the belt clip.



Display Arrangement, Softkeys, and Other Keys

Display Arrangement



- Icon line
- System name with internal phone number
- Programmed user name
- Date / time / alarm
- Softkey line

Radio link quality (four bars – good link; only one bar – weak link).

Connection state (hook key pressed down).

Connection state (handsfree mode activated).

Microphone is muted.

Messages in the voice box.

Ringer is deactivated.

Battery charge status (see page 12).

You have programmed and activated a local alarm time (see page 47).

You have activated the key lock.

You have activated call forwarding.

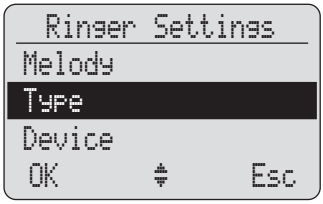
Open redial list.

Caller Filter switched on.

Text Lines

The three lines in the center of the five-line display contain information on the current connection state, or lists and menu texts. In the idle state you will see the name of the system along with the internal phone number, your programmed user name, the current time, any alarms that you have programmed, and call forwarding if you have activated it.

You use the arrow keys to scroll up or down through lists (like the telephone book, for example) and the features menu. A selectable entry is shown inversely with a dark background.



Softkey Line

The texts and icons on the softkey line refer to the keys below. The contents of the line change according to the operating state.

Illumination

The display is automatically illuminated whenever there is an incoming call or a key is pressed. The display illumination is automatically switched off after ten seconds if no key is pressed.

Softkeys and Other Keys

The two keys below the display and the arrow keys are called the softkeys. The functions allocated to these keys are shown in the bottom line of the display. The key function changes automatically according to the respective operating state of the handset.

Softkey: Arrow Keys

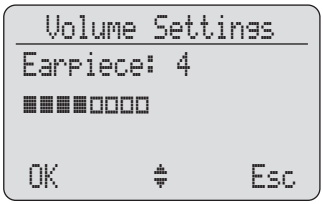
Symbols are displayed above the arrow keys which identify the current functionality of the arrow keys:

▲ Arrow key up: Currently has no function and is reserved for future applications.

▼ Arrow key down: Opens the telephone book.

◀▶ Whenever you enter phone numbers or texts, you can make changes by moving the position of the cursors. The arrow keys move the cursor to the beginning or the end of the entry. When a list (telephone book or menu, for example) is displayed, you use the arrow keys to move the cursor to the desired entry.

Earpiece /Hands free / Headset:
You use the arrow keys to set the desired volume.



Softkey: OK

You use **OK** to confirm the selected function. If a function only permits you to switch between two options, the OK key causes this to take place. In the display, active settings (ON) are indicated by a "✓" in front of the respective word. In the case of settings that are not active (OFF), there is either a "—" in front of the respective word or this space is left blank.

Softkey: Esc

You press the **Esc** softkey briefly to quit the respective menu section which is displayed. The display then shows the selection of the previous menu branch or the current idle / connection display.

Softkey: Redialing

This enables you to select a phone number from the redial list.

Hook key

Depending on the current state of the phone — for example in the idle state, during a conversation, or in editing mode — pressing the hook key executes the following functions:

... in the idle state:
you seize a line.

... during an incoming call:
you answer the call.

... during a conversation:
you end the conversation by disconnecting the call.

... if a list is displayed — for example the call or redial list — or if you have entered some digits:
the phone number is dialed.

Handsfree Key

You use this key to activate the handsfree function (speakerphone).
When the handsfree function is activated, this key is illuminated.

Info Key

You use this key to open various lists, for example the caller or redial lists. If there are new entries in the caller list or new messages in your voice box*, then the info key flashes.

* To do this, you register your voice box access number in the "Telephone Options > Voice Box No." menu. You can obtain the number from your system administrator. If no voice box access number has been registered, the icon will appear in the display.

C-Key

The C-key (cancel key) has several functions. These depend on the current state of the telephone, i.e., whether it is in the idle state, the call state, the edit mode, and so on. In addition, the functions also depend on whether the keypress is a **long** or **short** one. The following functions have been implemented:

... when your handset is switched off:
short or **long** press: switches the handset on.

... in the idle state:
short press: opens the caller list.
long press: switches the handset off.

... during an incoming call:
long press: switches the handset off.

... during a conversation:
long press: switches the handset off.

... while you are making entries in a list:
short press: deletes the character to the left of the cursor.
long press: deletes the entire line.

... if a list is displayed, for example the caller or redial list:
short press: deletes the selected entry (after a security query).

R-key

A **short** press during a conversation initiates an enquiry call.
A **long** press in the idle state dials a previously stored SOS number. You can program this emergency number in the "Telephone Options > Emergency Call" menu.

Hash Key

A **long** press in the idle state activates the key lock.
Press the softkey and the key to deactivate the key lock again.

Star Key *

A **long** press in the idle state switches the ringer on or off.
A **short** press while you are making entries in a list (typing names into the telephone book, for example): shifts from upper-case to lower-case letters, or vice versa.

Number Keys

You use the number keys to input phone numbers, names, and vanity phone numbers.

When you input text, you use the arrow keys to move the cursor to the beginning or the end of the entry. The C -key deletes one letter or digit at a time. The **Esc** softkey aborts the procedure. For further information, please refer to the section entitled “The Editor” on page 24.

Softkey: Menu

A **long** press in the idle state/connection state opens the OpenMobilityManager (OMM) service menu. This contains all the available OMM functions, depending on the current state.
A **short** press in the idle state opens the handset menu.
A **short** press in the connection state displays the menu items available, depending on the current state — for example “Microphone off” or “Telephone Book” — so that you can open the telephone book.

Automatic Menu Closure

Menus are automatically closed under the following conditions:

- When you receive a call while your phone is in the idle or connection state.
- In the connection state, when you perform input that requires a new, connection-dependent menu (for example, when you press the R-key Ⓡ to make an enquiry call; please see the section entitled “Making Calls”).
- When you press a softkey that opens a menu other than the one currently being displayed.

Input that you have already saved in menus remains saved when you quit them.

Menu Control

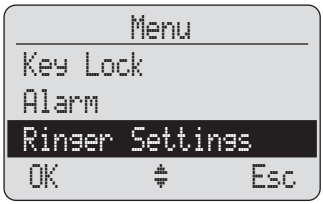
Example: Main Menu

Press the **Menu** softkey to open the main menu.

The following items are available:

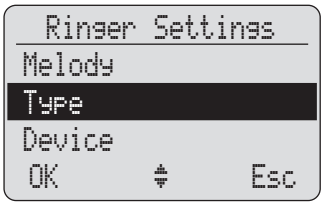
- Key Lock
- Alarm
- Ringer Settings
- Volume Settings
- Caller Filter
- System
- [System name] (the communications system menu/switching functions: Only appears when you are logged into such a system)
- Telephone Options

Use the arrow keys to highlight an entry. Press **OK** to open a submenu. For further descriptions, please refer to the section entitled “Customizing Your Telephone”.



You select the submenu item (Key Lock, Alarm, etc.) in exactly the same way. Please refer to the menu structure on page 63.

Confirm your selection by pressing **OK** .



Use the arrow keys to select one of the submenu items Melody, Type, Device and Volume Settings, e.g., **Type**, and press **OK** .

Use the arrow keys to select Play once, for example, and press **OK**. Your setting will be activated.

Toggling function

Some functions permit only two options - ON or OFF. Active (ON) functions are indicated by a ✓, for example Alarm ✓.

If the function is not active, the icon — appears, for example Alarm –. You always use the **OK** softkey to toggle between settings.

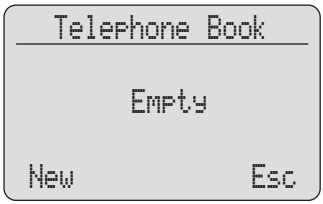
Using the number keys or the arrow keys to edit settings

In the "Ringer Settings > Volume Settings" menu, for example, you can set the desired volume (e.g., level 4) using either the number keys or the arrow keys. Your setting will be activated when you press **OK**.

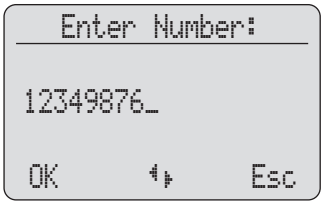
Example: Telephone Book / Editor

This example describes how to create a new entry in the telephone book. For information on further telephone book options, please refer to page page 41ff.

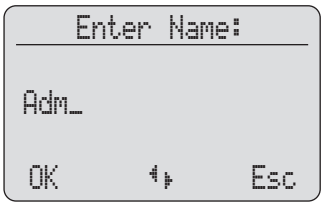
Use the arrow key ▾ to open the telephone book.



Press **New** . The phone number input opens.



Enter "12349876_", for example. You can correct your input by using the arrow keys to move the cursor to a digit, which will then flash. Press the C-key to delete the digit to the left of the flashing character. You can then insert new digits at this point. When you have completed your input, press **OK** to move to name input.



Enter the name. You enter letters by pressing the corresponding key briefly a number of times. The available characters will be displayed in the upper line. The input position moves on automatically if you do not enter any characters for a few seconds or if you enter a new character. You correct your input in the same way as with phone number entries.
The initial letter of every word is automatically upper case. You can toggle between upper and lower case (Display e.g., **A** –> **a**) by pressing the star key or by pressing and holding down the respective number/letter key.

The Editor

Entering Names / Phone Numbers

You can use the editor to enter new names or numbers in lists, or edit them (e.g., in the telephone book).
The maximum length a phone number can have is 32 digits, and the maximum length of names is 16 characters.

Key	Upper-case letter	Lower-case letter
1	?!1-+*/=&()%¿¡	?!1-+*/=&()%¿¡
2	ABC2ÄÅÀÁÃÆÇ	abc2äåàáãæç
3	DEF3ÈÉÊË	def3èéê
4	GHI4ÍÌÎÏ	ghi4íìîï
5	JKL5	jkl5
6	MNO6ÑÖÒÓÔÕØ	mno6ñöòóôõø
7	PQRS7ß	pqrs7ß
8	TUV8ÜÙÚÛ	tuv8üùúû
9	WXYZ9	wxyz9
0	Space,.0:;_"'^˜	Space,.0:;_"'^˜
✳	Toggle upper/lower case	Toggle upper/lower case
#	#@€$£¥§<>{|}[\]	#@€$£¥§<>{|}[\]

Basic Functions

Switching the Handset On / Off

Once the batteries have been charged for the first time, your handset is automatically switched on and is ready for operation. You can switch the handset off so that your batteries will stay charged for longer.

Switching the handset off

Press and hold down the C key.

Note

Your handset cannot receive calls or signal programmed alarms while it is switched off.

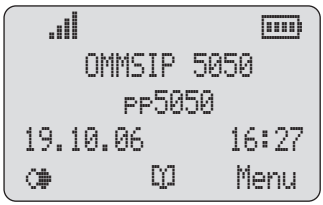
Switching the handset on

Press and hold down the C key

or

place the handset in the charger cradle.

You will see the following in the display, for example:



The name of the communications system is "OMMSIP" and the handset has the internal phone number "5050". The handset receives this information from the communications system. The name of the handset is "pp5050". You can edit this name in the "Telephone Options > User Name" menu.

The current date and time settings are usually supplied by the system when the phone is registered. If this is not the case, you will be able to enter the current date and time manually. In case of time settings in the 12h time format, please note the changeover between "am" and "pm" with key 2, 7 respectively. If you make no input for approximately a minute or press Esc , then the display changes to the idle state.
The date and time are then not displayed. In this state, entries to the caller list are also registered without the date or the time. You can enter the date and time settings later in the "Alarm" or "Date / Time" menu.

Note

If you see **Please register!** in the display, the handset needs to be registered. Please contact your system administrator.

Key Lock

Activate the key lock before putting your handset in a bag or your pocket to prevent a call from being made accidentally.

If you receive a call, the key lock is deactivated for the duration of the call. You answer the call by pressing the hook key.

Activating the Key Lock

Press **Menu** .

Key Lock **OK** .

You'll see **Key Lock** in the display.

Alternatively you can activate the key lock as follows:

In the idle state, press and hold down the hash key .

Deactivating the Key Lock

Key Lock appears in the display to remind you that you have activated the lock.

Press the softkey .

To Unlock
Press #

Press the hash key to deactivate the lock.

Switching the Handsfree Function On/Off

To switch the loudspeaker on or off, press the handsfree key in the idle state (i.e., when the handset is ready to make call) or during a call.

Adjusting the Earpiece Volume during a Call

Let's say you're making a call using the earpiece, the loudspeaker, or a headset.
You use the arrow keys or the number keys to adjust the volume.
A single press increases or decreases the volume by one level, e.g.,
Volume:3.

In addition, the bar indicator ■■■■■□□□ shows the selected volume level.

You can also press the corresponding key a number of times to adjust the volume to one of eight levels. The minimum and maximum values are indicated by means of an special tone.

The adjusted settings are only valid for the current call. You edit the basic settings for the earpiece in a menu (see page 50).

Switching the Ringer Off

If you don't want to be disturbed — e.g., because you're in a meeting — you can switch the ringer off (in which case you will see in the display).

You perform this setting by pressing the star key and holding it down until you hear a tone and **Buzzer Off** appears in the display.

To switch the ringer on again, press and hold down the star key again.

Alternatively, you can switch the ringer off by deactivating the "Buzzer" item in the "Volume Settings > Device" menu. You'll then see in the display.

Backlight

The backlight is activated every time you press a key, and it remains on for approximately eight seconds.

Adjusting the Display Contrast

You can change the display contrast in order to adjust it to local lighting conditions. You perform the settings in the "Telephone Options" menu (see page 55).

Emergency Number (SOS)

In order to be able to make an emergency call with just a single long press of the R key Ⓡ, you must first store this emergency number using the "Telephone Options > Emergency Call" menu item.

You make the emergency or SOS call to the programmed phone number by pressing and holding down the R key Ⓡ. The call is dialed right away, so you don't have to press any more keys. The handset goes into handsfree mode.

Quick Call

If you have defined an entry in the telephone book as a quick call entry (see page 43), you can press and hold down the corresponding key to show the phone number in the display. You dial the number by pressing the hook key.

Muting the Handset

If you don't want the other party taking part in your call to hear something that is said — e.g., if you need to speak with another person in the room — then you can temporarily mute your handset.

You are making a call:

Press **Mic.** . You'll see **Mic. off** in the display for a few seconds.

Now the other person involved in the call can't hear you anymore.
When you want to speak with the other party again, press the left softkey again. You'll see **Mic. on** in the display for a few seconds. The other party can now hear you again.

Message-waiting Indication / Notification Texts

If the handset caller list contains a missed call or there are messages in your voice box, the info key ⓘ will flash and the following notification text will appear:
Missed Calls and / or **Voice Box** .

The message "Voice Box" only appears in conjunction with the flashing info key ⓘ if your voice box access number has been registered in the "Telephone Options > Voice Box No." menu. If this is not the case, then only the icon will flash. Contact your system administrator for assistance if necessary.

You can retrieve your messages by means of the info key ⓘ (see page 46).

Making Calls

Dialing Phone Numbers

Dialing Phone Numbers Directly

Press the hook key.

Enter the phone number and press ; the phone number will be dialed right away.

... or

Press **Menu** .

Select one of the following menu items and confirm it by pressing **OK** .

Caller List	Select a phone number from the caller list and initiate dialing with **Options** / **Dial** .
Redial	Select a phone number from the redial list and initiate dialing with **Options** / **Dial** .
Telephone Book	Select a phone number from the telephone book and initiate dialing with **Options** / **Dial** .

To end your call:

Press the hook key.

Tip

You can also open the redial list by pressing the left softkey .

Making Calls Using the Predialing Feature

You can use predialing to correct your input before dialing the number or to chain phone numbers from different lists.

Enter the phone number while the handset is in the idle state. If necessary, correct any errors you've made with the arrow keys (cursor) and the C key by deleting them and entering the right input.

Press the hook key to dial the number.

... or

chain the phone number you previously entered to another one:

Please note: In predialing, if the input cursor is positioned behind the phone number, the number to be chained will be suffixed to that phone number. If the input cursor is at any other point, the number to be chained will be prefixed to the phone number.

Press **Menu** .

Select one of the following menu items and confirm it by pressing **OK** .

Caller List	Select a phone number from the caller list and copy it to predialing with **Options** / **Predial** / **OK** .
Redial	Select a phone number from the redial list and copy it to predialing with **Options** / **Predial** / **OK** .
Telephone Book	Select a phone number from the telephone book and copy it to predialing with **Options** / **Predial** / **OK** .

Press the hook key to dial the number.

Making Calls Using the Quick Call Feature

Press and hold down the number key “1” – “9” on which the quick call entry is saved until the number appears in the display.

Press the hook key to dial the number.
For information on creating a quick call entry, please see page 43.

Note

If you activate the “Auto Quick Hook” feature in the “Telephone Options” menu, the quick call number will be dialed immediately without being copied to predialing. It’s not possible to postdial numbers when a quick dial entry has been dialed.

Making Emergency Calls

Press and **hold down** the R key.
The stored phone number will be dialed directly.
The handset switches to handsfree mode.

Press the hook key to end the call.

Making Calls from the Redial List

The redial list contains the last ten phone numbers you dialed (max. 32 digits long). Every number you subsequently dial overwrites the oldest number in the list.
You can view the phone numbers in the redial list, together with the corresponding details (the time of the call, for example), delete them, and copy them to predialing, to the telephone book, or to the caller filter.

Press while the handset is in the idle state.

Select the desired phone number.

Press the hook key to dial the number immediately

... or

Press **Options** .

Select **Add To** , and confirm this by pressing **OK** .

Select **Predial** , and confirm this by pressing **OK** . The phone number will be copied to predialing.

For further list editing options, please see page 41ff.

Note

You can still open the redial list when you have already pressed the hook key and can hear the dial tone.

Making Calls from the Telephone Book

The telephone book can contain up to 100 entries, which are automatically sorted into alphabetical order.

Press the arrow ▾ key while the handset is in the idle state and select the name you want
or
search for the name by entering the initial letter (if necessary, press the number key several times in quick succession).

Press the hook key to dial the number immediately

... or

Press **Options** .

Select **Add To** , and confirm this by pressing **OK** .

Select **Predial** , and confirm this by pressing **OK** . The phone number will be copied to predialing.

For further telephone book editing options as well as information on how to create new entries, please see page 41ff.

Note

You can still open the telephone book if you have already pressed the hook key and can hear the dial tone.

Making Calls from the Caller List

Press the info key ⓘ to open a list with the following items for selection: voice box, caller list, redial list and telephone book. The voice box entry only appears if your voice box access number has been registered in the "Telephone Options > Voice Box No." menu.
The procedures for making calls from the telephone book and the redial list are described above.

When one of these lists is open, you can call the phone numbers displayed there, either directly or using predialing.

You can view the phone numbers in the caller list, together with the corresponding details (the time of the call, for example), delete them, and copy them to predialing, to the telephone book, or to the caller filter.

ⓘ Press the info key while the handset is in the idle state.

Select **Caller List**, and confirm this by pressing **OK** .

Select the desired phone number.

Press the hook key to dial the number immediately.

... or

Press **Options** .

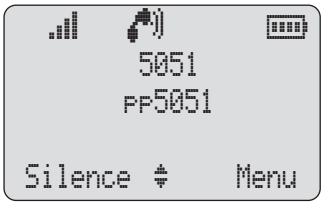
Select **Add To**, and confirm this by pressing **OK** .

Select **Predial**, and confirm this by pressing **OK** . The phone number will be copied to predialing.

For further list editing options, please see page 41ff.

Answering Calls

Calls are signaled on the handset both acoustically and on the display, which is then illuminated. You'll see the caller's phone number in the display. In addition, you'll see the caller's name in the upper text line.



The phone number will not be displayed if the caller is calling anonymously, i.e., if the caller has suppressed phone number transmission, or if for any reason the phone number is not transmitted.

While the call is being signaled you can…

… use the **Silence** softkey to suppress signaling for this call. You can still answer the call by pressing the hook key until the caller goes on-hook again.

... or:

Press **Menu** .

Select one of the following menu items, and confirm this by pressing **OK** .

Silence	The ringer will be switched off.
Reject	The call will be rejected (the caller hears the busy tone).

Press the hook key to answer the call.

Note

If you have already pressed the left softkey with **Silence** , its function changes to **Reject** .

Options during a Call

If required, you can select a phone number from one of the available lists and postdial it during the current call by pressing **OK** (DTMF postdialing).

If required, press **Menu** briefly.

Select one of the following menu items, and confirm this by pressing **OK**.

Telephone Book	Open the telephone book.
Redial	Open the redial list.
Caller List	Open the caller list.
Microphone off	Mute the microphone.

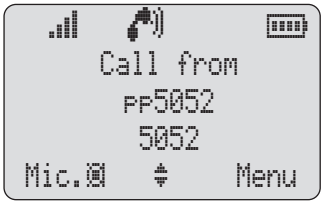
Press the hook key to end the call.

Note

Further options during a call such as toggling or call transfer are described below.

Answering a Call during a Conversation (Call Waiting)

You hear the call-waiting tone and see the call in your display.



You see the caller's name and phone number.

Press the R key to answer the call. The first call is then held.

... or:

Press Info Key to open the service menu.

Select **w: pp5052**, and confirm this by pressing **OK**.

The waiting caller is accepted and the existing call is held. "w:" stands for “waiting”, and “pp5052” in this example is the name of the waiting caller.The first call is held.

When you want to end the call with the second caller and return to your held call:

Press the hook key. The service menu then opens automatically.

Select **h: pp5050**, and confirm this by pressing **OK**.
"h:" stands for "hold" and "pp5050" in this example is the name of the first caller.

Note

You can also end the first call and then answer the waiting call. To do this, press the hook key . The service menu opens automatically. Select **w: pp5052**, and press **OK**.

Making Another Call during a Conversation (Enquiry Call)

Making an Enquiry Call

You are making a call.

Press the R key. The first call will be held.

Enter a phone number using the number keys, then press (or wait four seconds).

or

Press **Menu** **briefly** and select a phone number from the caller list, the redial list, or the telephone book as described on page32ff.

... or:

Press Info key to open the service menu. The first call will be held.

Select **new call**, and confirm this by pressing **OK**.

Select one of the following menu items and confirm this by pressing **OK**.

edit number	Use this to enter the number by means of the number keys, and then press **OK**.
No by phone bk	Opens the telephone book. You can then dial a phone number that has been stored there (see page 33)

To end the enquiry call and return to the held call:

Press the hook key. The service menu opens automatically.

Select **h: pp5050**, and confirm this by pressing **OK**.
"h:" stands for "hold", and "pp5050" in this example is the name of the first party.

Note

If you are entering a phone number and don't press any key for four seconds, the number that has been entered up to that point will be dialed. Further inputs are normaly invalid.

Toggling during the Enquiry Call

If the enquiry call can be established, you can use the R key Ⓡ to speak alternately with the other two parties (this is known as "toggling").

... or:

ⓘ Press Info Key to open the service menu.

Select **h: xxx**, and confirm this by pressing **OK**.

The currently held call will be activated and the active call held.

Transferring a Call

Blind Transfer

You are making a call and want to transfer it to another party without consulting with that party beforehand:

ⓘ Press Info Key to open the service menu.

Select **call transfer**, and confirm this by pressing **OK**.

Select one of the following menu items and confirm this by pressing **OK**.

edit number	Use this to enter the number by means of the number keys, and then press **OK**.
No by phone bk	Opens the telephone book. You can then dial a phone number that has been stored there (see page 33)

Select **Start**, and confirm this by pressing **OK**.

Your handset returns to the idle state.

Consultative Transfer

You are making an enquiry call and your handset is in the toggle state (see above):

ⓘ Press Info Key to open the service menu.

Select **call transfer**, and confirm this by pressing **OK**.

Your handset returns to the idle state.

If the desired party is busy or cannot be contacted:

Ⓡ Press the R key to return to the first call.

Note

If you initiate the calls and you then connect the two other parties by means of the **call transfer** menu item, please note that you have no further control over the duration of the call. Under certain circumstances the call charges may be billed to you.

Editing Lists

Telephone Book: Adding a New Entry

The telephone book can contain up to 100 entries. Phone numbers can be up to 32 digits long and names up to 16 characters.

When there are no entries in the telephone book:

Press the arrow key ▼ while your handset is in the idle state.

Press **New**.

Enter the phone number and press **OK** (for information on how to make corrections, please refer to page 24). Always enter the phone number together with the area code, as otherwise the name cannot be displayed when a call comes in from this number.

Enter the person's name and press **OK**. The entry will be stored.

If there are some entries in the telephone book already:

Press the arrow key ▼ while your handset is in the idle state.

Press **Options**.

Select **New**, and confirm this by pressing **OK**.

Enter the phone number and press **OK** (for information on how to make corrections, please refer to page 24). Always enter the phone number together with the area code, as otherwise the name cannot be displayed when a call comes in from this number.

Enter the person's name and press **OK**. The entry will be stored.

Note

You can also open the telephone book by pressing the info key ⓘ.

Telephone Book: Editing an Entry

Press the arrow key ▼ while your handset is in the idle state, and scroll to the entry or search for the name by entering the initial letter (if necessary, press the number key several times in quick succession).

Press **Options**.

Select one of the following menu items and confirm this by pressing **OK**.

Edit	You can edit the number and the name.
Add To	Copies the phone number to predialing or to the caller filter (see page 51).
Quick Call	You can assign a quick call number to the entry (see page 43).
Delete	After a security check, the entry concerned will be deleted.

Note

You can find further information on the editor on page 24ff.
You can delete all of the telephone book entries by means of the "Reset" menu item (see page 56).

Telephone Book: Creating a Quick Call Entry

You can define important telephone book entries as quick call entries and dial these numbers by pressing just a single key. You can create up to nine quick call entries (corresponding to the number keys "1" to "9").
Those telephone book entries defined as quick call destinations are identified by the corresponding quick call code number placed behind the name.
To dial a number, press the key you have allocated to that number and hold it down for a second or two while the handset is in the idle state. The number you wish to call will then be copied to predialing (see page 30). If you activate the "Auto.Quick Hook" feature in the "Telephone Options" menu, the quick call number will be dialed immediately without being copied to predialing.

Press the arrow key ▼ while your handset is in the idle state and scroll to the desired entry, e.g. **Brown, Tom** .

Press **Options** .

Select **Quick Call** , and confirm this by pressing **OK** .

You will see, for example, **>123456789<** in the display:

Enter a quick call code, and confirm this by pressing **OK** .

If you store additional quick call numbers, those that have already been allocated are marked with a – sign. Quick call codes that have already been allocated can be overwritten. You delete quick call entries by deleting the code displayed with the C key. Confirm the deletion by pressing **OK** .

Editing the Redial List

Press the softkey while your handset is in the idle state, and then select the desired entry, e.g., 43567890 .

Press Options .

Select one of the following menu items and confirm this by pressing OK .

Add To	Copies the phone number to predialing, to the telephone book, or to the caller filter (see page 51).
Details	The entry details (the called party's name/number and the date/time of the call) are displayed. You can use the arrow keys to view the details of the other entries in the redial list.
Delete	After a security check, this deletes the selected phone number.
Delete All	After a security check, this deletes the entire list.

Note

You can also open the redial list by pressing the info key ⓘ .

Editing the Caller List

ⓘ Press the info key while the handset is in the idle state.

Select **Caller List**, and confirm this by pressing **OK**.

Select the desired entry, e.g., **43567890**.

Accepted calls are marked with a ✔, missed calls with a ➜, filtered calls with a and rejected calls with a .

Press **Options**.

Select one of the following menu items and confirm this by pressing **OK**.

Add To	Copies the phone number to predialing, to the telephone book, or to the caller filter (see page 51).
Details	The entry details (the caller's name/number and the date/time of the call) are displayed. You can use the arrow keys to view the details of the other entries in the redial list. The top line in the display contains the following information for every entry: "Missed Call", "Filtered Call", "Rejected Call" or "Accepted Call".
Delete	After a security check, this deletes the selected phone number.
Delete All	After a security check, this deletes the entire list.

Info Key

Voice Box / Caller List

Press the info key briefly while your handset is in the idle state. The following options will then be available: voice box, caller list, redial, and telephone book.

The info key ⓘ flashes to signal voicemail and missed calls.

Display icon	Text in the idle display	Meaning
🕮 flashes	Voice Box	There are new messages in your voice box
	Missed Calls	There are new entries in your caller list.

Note

If "Voice Box" does not appear and only the 🕮 icon flashes, it means that you still have to register your voice box access number in the "Telephone Options > Voice Box No." menu.

Checking Your Voice Box

ⓘ Press the info key.

Confirm **Voice Box** by pressing **OK**.
The rest of the procedure is voice-controlled.

Checking Your Caller List

ⓘ Press the info key.

Select **Caller List**, and confirm this by pressing **OK**.

The caller list will be displayed. Accepted calls are marked with ✔ and missed calls with a ➜.
For other possibilities, please see page 45.

Customizing Your Telephone

Menu: Alarm

Press **Menu** .

Select **Alarm** , and confirm this by pressing **OK** .

Select one of the following menu items and confirm this by pressing **OK** .

Alarm active

Press **OK** to activate ✔ or deactivate — the alarm. An activated alarm appears in the display as .

Set

At a given 24h time format, enter the time between 00:00 and 23:59. At the12h time format the time can be entered between 00:00 and 11:59. The “am” or “pm” selection can be done by pressing the key 2 (indication a) or key 7 (indication p). You can select a melody for the alarm as described below. The signal lasts approximately 60 seconds and can be switched off by pressing any number key. Whenever an alarm has been signaled, you have to activate any new alarm again. Complete your input by pressing **OK** .

Date / Time

If the current date and time is supplied by the system this menu option will not be shown. Enter the current date/time. In case of time settings in the 12h time format, the changeover between “am” and “pm” can be done with key 2 or 7. Complete your input by pressing **OK** .

Please note: Settings for date, time and time format can also be done in the menu “Telephone Option”.

Melody

Use the arrow keys to select a melody for the alarm, and complete your input by pressing **OK** .

Menu: Ringer Settings

Press **Menu** .

Select **Ringer Settings** , and confirm this by pressing **OK** .

Select one of the following menu items and confirm this by pressing **OK** .

Melody

You can specify different melodies to identify different types of incoming calls. However, transmission of the call type depends on the communications system on which you are operating your handset. For further information, please contact your system administrator.

- **Internal**
- **External**
- **Unknown Number**
- **VIP**
- **Alarm** (see also page 47)
- **Emergency call**

Use the arrow keys to select an entry and press **OK** .
Select a melody, and confirm this by pressing **OK** .

Type

You can specify whether the melody that signals an incoming call is to be repeated (the normal setting) or played only once.
Select one of the variants, and confirm this by pressing **OK** .

- **Repeat** ✓
- **Play once**

The active setting is marked with ✓ .
Press **Esc** to accept the setting.

Device

You can specify whether an incoming call is to be indicated by the ringer ("buzzer"), the vibrator, or the headset.
Select an entry and activate ✓ or deactivate – the device by pressing **OK**.

••• Buzzer ✓

••• Vibrator ✓

••• Headset ✓

Press **Esc** to accept the setting.

Volume Settings

Use the arrow keys or the number keys "1" to "8" to set the desired ring volume, then press **OK**.

Menu: Volume

Press **Menu** .

Select **Volume Settings** , and confirm this by pressing **OK** .

Select one of the following menu items and confirm this by pressing **OK** .

Earpiece
Use the arrow keys or the number keys "1" to "8" to set the desired volume level for the earpiece, then press **OK** .

Hands-free
Use the arrow keys or the number keys "1" to "8" to set the desired volume level for the loudspeaker (speakerphone), then press **OK** .

Headset
Use the arrow keys or the number keys "1" to "8" to set the desired volume level for the headset, then press **OK** .

Buzzer
Use the arrow keys or the number keys "1" to "8" to set the desired volume for the buzzer and press **OK** (see also page 49).

Menu: Caller Filter

You can use the caller filter to block or accept incoming calls from certain phone numbers. The phone numbers in question have to be stored in the caller filter's list of numbers (see below). You can copy phone numbers to the caller filter list from the telephone book, the redial list, or the caller list (see the section entitled "Editing Lists" on page 41ff). An entry can consist of up to 32 digits for the number and 16 characters for the name. Up to ten entries can be stored in the caller filter.
The active Caller Filter is displayed with the symbol .

Press **Menu** .

Select **Caller Filter** , and confirm this by pressing **OK** .

Select one of the following menu items and confirm this by pressing **OK** .

Accept list	Only calls from phone numbers in this list will be accepted.
Block List	Calls from phone numbers in this list will be rejected.
Filter off ✓	

The active setting is marked with ✓ .

List of numbers	This is the list in which you enter the phone numbers you want to filter. For information on creating entries, please refer to the section entitled "Editing Lists" on page 41ff.

Press **Esc** to accept the setting.

Menu: System

Your handset can be operated on up to ten DECT systems. Before you can make a call via a system, however, your handset has to be registered on the respective system. A system password or registration code may be necessary for the registration process. If this is the case, please contact your system administrator for assistance.
If the handset has not been registered, **No System** will appear in the display.

Press **Menu**.

Select **System**, and confirm this by pressing **OK**.

Select one of the following menu items and confirm this by pressing **OK**.

Subscriptions

Confirm this by pressing **OK**.
The list of systems on which your handset is registered will be displayed. The current system is marked with ✓.
You can select one of the available entries and press **Options**.

- **New** Select this option if you want to register your handset on a new system. For information on how to do this, please contact the administrator of the system in question.
- **Select** Pick this option to register your handset on the current (marked) system.
- **Edit** Select this option to edit the name of the system. This only affects the name shown in the display when your handset is in the idle state.
- **GAP only –** If you operate your handset on a GAP base station, please activate this feature. You activate ✓ or deactivate – it by pressing **OK**.
  IMPORTANT: to enable operation on a system with OMM, this feature must be deactivated.
- **Delete** Select this option to deregister your handset from the current (marked) system. If you do this, you will only be able to operate the handset on that system again when you have registered it again.

- **Auto.Search ✓** If you have registered your handset on several systems and this function is active, your handset will automatically log into the system with the most powerful radio signal. You can activate ✓ or deactivate – this function by pressing **OK**.

IPEI This displays the handset's IPEI number.

Version Number This displays the handset's software and hardware versions.

Menu: [System name]

This accesses the communications system menu. This menu is only available when the handset has been logged into a system. NB The entries and features that are actually available may differ from those described in this user guide as they are dependent on specific conditions. If necessary, contact your system administrator.

Press and hold **Menu**.

or

Press **Menu**, select **[System name]**, and confirm this by pressing **OK**.

Select one of the following menu items and confirm this by pressing **OK**.

new call

Confirm one of the following menu items by pressing **OK**.

... **edit number** Use the number keys to enter the phone number, and then press **OK**.

... **No by phone bk** Opens the telephone book. You can then dial a phone number stored there (see page 33)

call forwarding

Confirm one of the following menu items by pressing **OK**.

... **Off** This is the type of call forwarding.Press **OK** and select one of the available options: ""off","immediately", "busy", "no answer", or "busy no answer". Confirm your choice by pressing **OK**.

... **No** Press **OK** and select whether you want to copy a phone number from the telephone book or enter a phone number using the number keys. This procedure is described in "New call" above.

... **0 [sec]** Press **OK** and specify the duration of the delay until the incoming call is forwarded. Select one of the available delays (0 - 32 seconds), and confirm your choice by pressing **OK**.

... **save!** Press **OK** to save your settings. Call forwarding has now been configured.

Lines

This menu item currently has no function. Quit it by pressing **Esc**.

local menu

This accesses the local menu (corresponds to pressing **Menu**).

Menu: Telephone Options

You'll find all the individual settings for your handset in this menu.

Press **Menu** .

Select **Telephone Option** , and confirm this by pressing **OK** .

Select one of the following menu items and confirm this by pressing **OK** .

Language

Select one of the available languages for your display, and confirm this by pressing **OK** . The following languages are available:

- Deutsch
- English
- Français
- Español
- Italiano
- Nederlands
- Svenska
- Dansk
- Norsk
- Portugues
- Suomi
- Cesky
- Slovensky.

The selected language then applies to all of the handset's local menus. Under certain circumstances, the language setting of the communications system may differ from the setting for the handset. This will affect the texts displayed in the [System name] menu (see page 53).

User Name

Enter a name for your handset. This is the name that is displayed when your handset is in the idle state. Your system administrator may have allocated a name to it already. For information on entering characters, please refer to page 24.

Attention tones

These are the short, acoustic signals that your handset emits to draw your attention to specific events. You can press **OK** to activate ✓ or deactivate – them.

… **Key Click** ✓ If this is activated, every keypress will be acoustically confirmed.

… **Coverage warn** ✓ If this is activated, an attention tone will be emitted once every ten seconds if you approach the limits of the radio reception area and are in danger of losing contact.

… **Battery alarm** ✓ If this is activated, an attention tone will be emitted once every 30 seconds when the battery charge gets too low. You have approximately three more minutes before being disconnected.

… **Confirm tones** ✓ If this is activated, a tone will be emitted to confirm that a procedure has been carried out successfully.

… **End of Menu** ✓ If this is activated, a tone will be emitted when the end of a list has been reached.

Emergency Call

Enter the emergency phone number that is to be dialed automatically when you press and hold down the R key Ⓡ. For information on entering phone numbers, see page 24.

Voice BOX No.

Enter the voice box access number (see also page 46). For information on entering numbers, see page 24.

Auto- Answer ✓

If this is activated, the handset will automatically answer an incoming call after the first ring (this is useful if you are using a headset along with your handset). You can press **OK** to activate [✓] or deactivate [–] this feature.

Silent Charging ✓

If this is activated, the handset will not signal any incoming calls while in its charger cradle. You can press **OK** to activate [✓] or deactivate [–] this feature.

Charger Answer ✓

If this is activated, the handset will automatically answer calls when it is removed from the charger cradle. If you replace the handset into the charger your call will be terminated. You can press **OK** to activate [✓] or deactivate [–] this feature.

Auto. Quick Hook ✓

If this is activated, telephone book entries that have been defined as quick call entries will be dialed immediately, i.e., without being copied to predialing. In this case, it's not possible to postdial numbers when the quick dial entry has been dialed. If the feature is deactivated, the phone number in question is first copied to predialing, where you can add digits if required. You can press **OK** to activate [✓] or deactivate [–] this feature.

Auto.key lock ✓

If this is activated, the keypad will automatically be locked 60 seconds after your last keypress. You can press **OK** to activate [✓] or deactivate [–] this feature.

Charging LED ✓

If this is activated, the display backlight will switch on automatically whenever you take the handset out of the charger cradle. You can press **OK** to activate [✓] or deactivate [–] this feature. If you want to keep the battery charged, you should deactivate this feature.

Disp.Contrast

Use the arrow keys or the number keys "1" to "8" to set the desired display contrast, and then press **OK**.

Date / Time

If the time is not supplied by the system your settings can be made here. Further on, you can select the time /date format which is used in your country.

• • • **Time Format**

Select the 24h- or 12h (am/pm) time format and confirm this by pressing **OK** ✓.

• • • **Date Format**

Select the date format dd.mm.yy (e.g. 31.12.07) or mm/dd/yy (e.g. 12/31/07) and confirm this by pressing **OK** ✓.

• • • **Set**

This settings only appear, when no system clock is available. By regarding the time format, please enter the current time and date. In case of time settings in the 12h time format, “am” can be selected with key 2 (indication a) and “pm” with key 7 (indication p).

Reset

After a security check the handset will be reset to its default settings (the original settings made at the factory). This means that all settings and entries, with the exception of the system registration, will be deleted.

Appendix

Default Settings

- Alarm: off
- Ringer Settings:
  - Melody
    - internal: 1
    - external: 2
    - unknown number: 4
    - VIP: 5
    - Alarm: 7
    - Emergency Call: 13
  - Type: Repeat
  - Device:
    Buzzer, Vibrator, Headset on
  - Volume Settings: Buzzer 3
- Volume Settings
  - Earpiece: 3
  - Hands-free: 3
  - Headset: 3
  - Buzzer: 3
- Caller Filter
  - Filter off
  - List of numbers: no entry
- System
  - Subscriptions: no entry
- Telephone Option
  - Language: English
  - User Name: xxx
  - Attention tones:
    - Key Click: on
    - Coverage Warn: off
    - Battery alarm: on
    - Confirm tones: on
    - End of Menu: on
  - Emergency Call: no entry
  - Voice BOX No.: no entry
  - Auto Answer: off
  - Silent Charging: off
  - Charger Answer: off
  - Auto.Quick Hook: off
- Auto.key lock: off
- Charging LED: on
- Disp.Contrast: 4

- Telephone Book: no entry
- Caller List: no entry
- Redial: no entry
- Quick Call: 1 ... 9 no entry

- Date / Time: not adjusted
- Time Format: 24h
- Date Format: dd.mm.yy

Important Information about the Batteries

Always switch the handset off before removing the batteries, as otherwise data could be lost.

1. Use only nickel metal hydride (NiMH) rechargeable batteries. The talk times, standby times, and charging times stated below (see the section entitled "Technical Data") only apply when batteries with a capacity of 700 mAh are used. Three size AAA NiMH rechargeable batteries are included in the original product package.
   Note
   Never use nonrechargeable batteries, fuel cells, or other types of rechargeable battery. This is dangerous, and could also lead to malfunctioning or damage to your equipment.
   The manufacturer will not accept any liability in such cases.

2. Rechargeable batteries warm up during the charging process. This is normal and not dangerous.

3. Never use other manufacturers' charger cradles, as this could damage the batteries.

4. Be careful to observe the correct polarity when replacing the batteries.

5. Never put a battery in water or throw a battery into a fire.

6. Never forcibly open a battery, as this could allow battery acid to leak out and cause injury.

7. The battery charge level indicator requires a number of charge/discharge cycles to have taken place before it can accurately reflect the charge level of new batteries.

8. New batteries only reach their full capacity after a number of charge/discharge cycles.

9. You can replace your handset in the charger cradle or the base station after every call if you wish. The charging process is electronically regulated so that the batteries are always optimally recharged, whatever their charge level at the time. Do not remove the batteries from the handset unless there is a good reason for doing so. Removing the batteries interrupts the optimized recharging process.
   The capacity of the batteries can be increased by discharging them completely in the handset when they have been in use for a long period, and full recharging them again.

10. Never short-circuit a battery — this is dangerous! Avoid accidental short circuits when transporting the equipment or storing it together with bunches of keys, metal plates, or similar objects. Avoid getting fatty substances on the batteries by keeping them properly packed when not in the handset. Also avoid getting fatty substances on the handset contacts.

11. In some countries, the law requires used rechargeable batteries to be returned. Do not throw batteries into your household waste. Dispose of used batteries in accordance with your local regulations, and recycle them whenever you can. The batteries can contain substances such as nickel-cadmium (NiCd), lead (Pb), cadmium (Cd), or mercury (Hg).

Care and Maintenance

Your telephone is a product that meets the highest design and manufacturing standards. It should therefore be treated with care. Note the advice below and you will have pleasure in this product for a long time.

Follow all the safety precautions mentioned on page 1. These precautions apply to the handset, the charger cradle, and the rechargeable batteries (i.e., the entire telephone) as well as to the accessories.
In order to clean the telephone, first remove the charger cradle adapter plug from the mains socket. Wipe the device with an antistatic cloth or soft, damp leather rag, then with a dry cloth.

Warning: Never spray your telephone with cleansers or solvents.

Clean the handset and charger cradle contacts with a lintless cloth.

Environmental Characteristics and Disposal

This product is environmentally friendly and can be recycled. It was manufactured in accordance with statutory requirements and with the Manufacturers' Guideline 2002.
It was developed with special focus on low energy consumption, long life, and ease of servicing. The few materials used in its manufacture are environmentally friendly.
Help to extend the life of your communications device by adhering to the safety precautions, the instructions on rechargeable batteries, and the care and maintenance instructions.

Notes on disposal

In order to avoid any possible effects resulting from the disposal of electrical and electronic equipment containing substances damaging to the environment and human health, the European Parliament and Council directives

• 2002/96/EC on waste electrical and electronic equipment (WEEE) and

• 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

have been transferred into national law in all EU member states.

The primary aim of the legislation is the prevention of waste electrical and electronic equipment, and also the recycling, material recovery and any other form of recovery of such waste in order to reduce the quantities of waste to be disposed of and the amount of hazardous substances from electrical and electronic equipment in waste.

The product that you have purchased was developed in line with the current state of the art in an environmentally friendly manner and with a view to recycling. It therefore meets the specifications of the European directives.

The product is labelled with the symbol illustrated beneath. If you wish to dispose of this product, this symbol obliges you to do so separately from unsorted domestic waste. Suitable facilities have been setup for the return of waste electrical and electronic equipment. Waste equipment can be handed in at these return centres free of charge.To find out where these return centres are located, please consult the information provided by the department of your local authority responsible for waste disposal.

Please note:
Electric equipment does not belong in household waste.
Deposit it free of charge at a return centre.

Technical Data

Standard:	DECT / GAP
No. of channels:	120 duplex channels
Frequencies:	1880 MHz to 1900 MHz
Duplex:	Time-division multiplex, 10 ms frame length
Channel raster:	1728 kHz
Bit rate:	1152 kbps
Modulation:	GFSK
Voice coding:	32 kpbs
Output:	10 mW (average output per active channel)
Range:	up to 300m outdoors, 50m indoors
Power supply charger cradle:	AC 230 V / 50 Hz (plug-in adapter ID no. 4512132 Continental Europe / 451377 for UK)
Operating time handset:	Standby time / talk time up to 140 hours / approx. 14 hours
Rechargeable batteries:	3 x AAA batteries, NiMH, 1.2 V / 700 mAh
Time to charge completely discharged batteries:	5 to 6 hours
Permissible ambient temperatures for operating the handset:	5° C to 40°C
Permissible ambient conditions for operating the charger cradle:	5° C to 40° C; 20% to 70% relative humidity
Permissible storage temperature:	-10° C to +60° C
Charge cradle dimensions:	Length / Width / Height = 121 x 107 x 70 mm
Handset dimensions:	Length / Width / Height = 146 x 53 x 28 mm
Charger cradle weight:	49 g
Handset weight:	104 g without batteries, 139 g with batteries
Length of adapter cable:	3 m

Menu Structure

- Key Lock
  - on/off
- Alarm
  - Alarm active
  - Set
  - Date / Time
  - Melody
- Ringer Settings
  - Melody
    - Internal
    - External
    - Unknown Number
    - VIP
    - Alarm
    - Emergency call
  - Type
    - Repeat
    - Play once
  - Device
    - Buzzer
    - Vibrator
    - Headset
  - Volume Settings
- Volume Settings
  - Earpiece
  - Hands-free
  - Headset
  - Buzzer
- Caller Filter
  - Accept list
  - Block List
  - Filter off
  - List of numbers
- System
  - Subscriptions
  - IPEI
  - Version Number
- [Systemname]
  - (depends on the system being operated/ only appears after login)
- Telephone Option
  - Language
    - Deutsch
    - English
    - Français
    - Español
    - Italiano
    - Nederlands
    - Svenska
    - Dansk
    - Norsk
    - Portugues
    - Suomi
    - Cesky
    - Slovensky
  - User Name
  - Attention tones
    - Key Click
    - Coverage Warn
    - Battery alarm
    - Confirm tones
    - End of Menu
  - Emergency Call
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  - Auto. Quick Hook
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