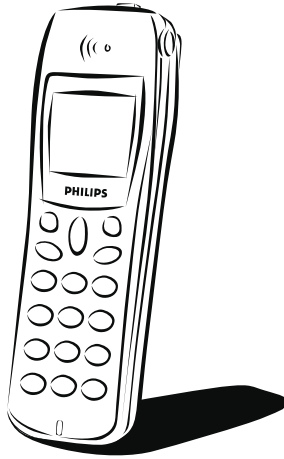


SOPHO iSMobile

DECT Cordless Handset

I600

USER GUIDE



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Great care has been taken to ensure the accuracy and completeness of the information contained in these operating instructions. If, however, you should find a mistake or an omission, or have a suggestion aimed at improving this User Guide, then please inform us at the following address:

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PRODUCT DISPOSAL INFORMATION

For countries in the European Union



The symbol depicted here has been affixed to your product in order to inform you that electrical and electronic products should never be disposed of as municipal waste.

Electrical and electronic products including the cables, plugs and accessories should be disposed of separately in order to allow proper treatment, recovery and recycling. These products should be taken to a designated facility where the best available treatment, recovery and recycling techniques are available. Separate disposal has significant advantages: valuable materials can be re-used and it prevents the dispersion of unwanted substances into the municipal waste stream. This contributes to the protection of human health and the environment. Please be informed that a fine may be imposed for illegal disposal of electrical and electronic products via the general municipal waste stream.

In order to facilitate separate disposal and environmentally sound recycling, Philips Business Communications has made arrangements for local collection and recycling in all member states of the European Union. In case your electrical and electronic products need to be disposed of please refer to the contractual agreements that your company has made upon acquisition of these products. Should this information not be available, please contact the local Philips organization or contact us at www.sopho.philips.com.

For countries outside the European Union

Disposal of electrical and electronic products in countries outside the European Union should be done in line with local regulations. If no arrangement has been made with Philips Business Communications or your supplier, please contact the local authorities for further information.

I General Information

The Philips DECT I600 is a cordless system terminal for use in conjunction with a communications system.

The Philips DECT I600 is suitable for use in office, in outdoor or in dusty environments. The handset offers the following special features:

- SOS key for one touch emergency call or message
- mandown sensor triggers emergency call automatically
- complies with protection class IP54 (splash- and dust proof)

Get to know your telephone equipment. You will discover many new functions that simplify communication and organization considerably.

Further Documentation

Refer also to the other documentation supplied with the components of your communications system.

2 Important Safety Information

Only use this product in countries where the relevant authorities have authorised its operation.

This product complies with IP54 – according to IEC 529 / EN 60 529.

Sensitive Electronic Environment

Any radio-based equipment can potentially cause interference with other equipment and can be interfered from other equipment. This also applies for DECT equipment. However, due to the very low transmission power level, interferences are unlikely. Research proves that operational DECT phones normally don't influence electronic equipment. However some precautions must be taken into account for sensitive electronic equipment e.g. sensitive laboratory equipment. When DECT phones operate in very close range to sensitive electronic equipment, incidental influence can appear. You are advised not to place the DECT phone on or close (less than 10 cm) to this kind of equipment, even in stand-by mode.

Power Supply

The mains voltage of the adapter should match the local mains voltage, this can be 110 V or 230 V. Check if both voltages do match before installing the charger and adapter.

Safety Precautions

Please observe the following notes on safety when setting up, connecting and using the handset:

- Do not open the handset or charger, this could expose you to high voltages. Have all repairs carried out by authorized service personnel.
- Connect to approved accessories only.
- Do not allow the handset and charger to come into contact with water or chemicals.

- Only use the plug-in AC adapter and battery type supplied.
- Do not use AC adapters which are visibly damaged (cracked or broken housing) and keep the ventilation slits on the plug-in AC adapters free.

WARNING!

Never touch the charger and the battery contacts with conductive objects such as keys, paper clips, rings or bracelets!

- Do not use the handsets in vehicles or in hazardous locations.
- This product contains magnetic material. Be aware that small metallic objects may stick for example to the loudspeaker. This may deteriorate the audio quality and can be harmful.

Usage

Like all other cordless telephones, this handset uses radio signals which do not guarantee a connection set-up under all circumstances. Generally, you should therefore not rely exclusively on cordless telephones when making indispensable calls (e.g. medical emergencies).

3 Installation

Installation Site

Place the charging station on a flat, even surface. Do not place the charging station or accessories near:

- water, moisture or damp areas
- heat sources, direct sunlight or inadequately ventilated areas
- devices that produce strong magnetic fields, electrical devices, fluorescent lamps, computers, radios, television sets, fax machines and telephone terminals
- areas where the equipment may be covered, penetrated by fluids and where its ventilation is impaired
- areas where there is excessive dust, and areas subject to vibration, shock or extreme temperature fluctuations
- Place and/or store the handset and accessories out of the reach of small children.

Commissioning your Handset

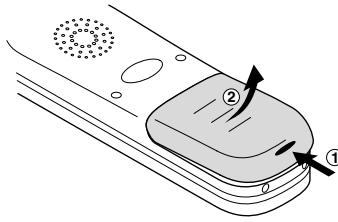
Your handset is only operational after the battery pack has been charged. You can then use the handset to make and receive calls.

Please refer to the section *Important Battery Information* starting on page 11.

If your handset does not have the MEM card preinstalled, you also need to install the supplied MEM card in order to use the handset. The MEM card saves important data, such as personal settings and the telephone book.

Removing the battery pack

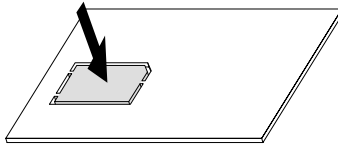
The MEM card tray is located under the battery pack on the back of the handset. Make sure, the handset is switched off. To remove the battery pack, place the handset with the display downwards on a flat surface. Press the lever (1) and lift up the battery pack at the same time (2).



Removing the battery pack

Extracting the MEM card from its frame

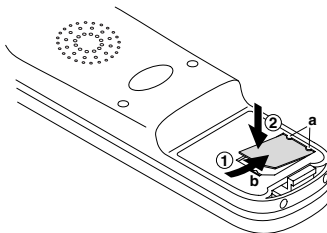
The MEM card is delivered with a larger frame. First remove the MEM card from its frame. Do not touch the metal contacts.



Extracting the MEM card from its frame

Installing the MEM card

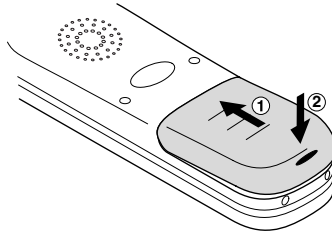
Place the MEM card into the MEM card tray with the notch in position b and the metal contacts face down. Shift the MEM card under the two small crescents a (1). Press the MEM card downwards until the small tag b locks (2).



Installing the MEM card

Re-inserting the battery pack

Push the battery pack into the casing (1). Press the battery pack downwards until it locks (2).

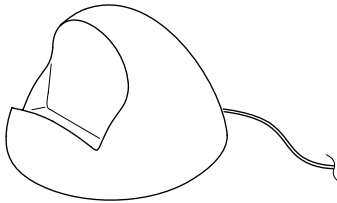


Re-inserting the battery pack

Installing the Charger

To operate the charging station you need a mains connection. Check if the mains voltage does match the AC adapter mains voltage.

Connect the cable of the adapter plug to the socket on the underside of the charging station, and then insert the adapter plug into the mains socket.



The charger (basic)

4 Important Battery Information

Use the battery pack only as directed. Never use a damaged or flat battery pack.

Heat and cold reduce the performance and the lifetime of the battery pack. A handset with either a hot or a cold battery pack may not function temporarily, even when the battery pack is fully charged.

Dispose of used batteries in accordance with local regulations. Please make use of any recycling facilities available.

WARNING! Never throw a battery pack into a fire.

Charging and Discharging

The battery pack can be charged and discharged hundreds of times, but it will eventually be used up. When the operating time (i. e. talk and stand-by time) has become noticeably shorter than normal, the battery pack should be replaced.

In order to achieve long operating times, you should discharge the battery pack at intervals by not placing the handset in the charging station and leaving it switched on until it switches itself off. Only use this method to discharge the battery pack.

Extreme fluctuations in temperature have an effect on the charging capacity of the battery pack.

5 Charging the Batteries

Commissioning

Charge the battery pack for approx. five to six hours before using your handset for the first time. This safety measure extends the lifetime of your battery pack. The maximum performance of the battery pack is only reached after three to five charging/discharging cycles.

Place the handset in the charging station regularly in order to reach the optimum battery charge.

It is absolutely essential that you only use the rechargeable battery pack authorised by the manufacturer. The manufacturer does not accept any responsibility for malfunction or damage when other types of rechargeable battery or normal batteries are used.

Charging and Operating Times

Charging time: approx. 5 hours.

Talk time: up to 8 hours (fully charged).

Stand-by time: up to 100 hours (fully charged).

Note: Batteries with an unknown charging status are fully charged in approx. 14 hours.

Charge Display

The charging status of the battery is shown in the display as follows:



80 - 100 % charged



60 - 80 % charged



40 - 60 % charged



20 - 40 % charged



0 - 20 % charged



(frame flashes) batteries are empty: alert tone has been given.

Your handset has a battery management system that has to determine the limits of the battery charging status before it can display an accurate charge level.

When the battery has been replaced, the charge level is not correctly displayed until a whole charge and discharge cycle has been completed.

When the handset is in the charging station, the flashing or lit sections indicate charging and the charge level.

Charge warning

When the battery capacity is nearly exhausted, the battery symbol will flash in the display. If the battery warning tone is switched on, you will hear the battery warning tone (refer also to the section “Attention tones” in the chapter entitled *Menu: Telephone Options* starting on page 48).

If you are making a call at the time, you still have up to three minutes of talk time before the handset switches itself off. If you are not making a call and the handset is not in the charging station, “Battery empty” appears in the display. You can no longer make a telephone call now.

6 Initial Setup and Operation

Handset Subscription (Checking In)

Your handset can be operated in up to ten different communications systems. To be able to do this, it must be subscribed to every system, this means: the handset must be checked in.

Note: If your handset is preinstalled by your supplier, no check-in operation is necessary.

Enrol your handset in the communications system as described in the chapter *Menu: System* starting on page 46.

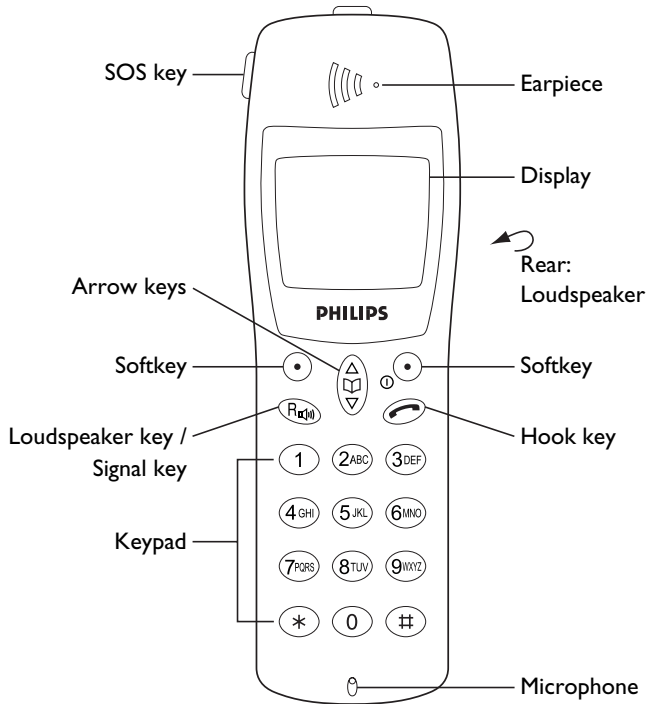
Subscription

The handset will store a subscription record for each communications system it has been checked into. Each subscription record includes a name; whenever the handset enters the range of a base station, this name will be appear in the handset's display.

Registration

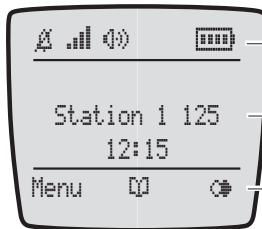
Once the handset has been subscribed to (checked into) one or more communications systems you can make and receive calls. If you have activated the **Auto Search** feature (see page 47), the handset will automatically register with the nearest base station in its range (provided the handset is in the idle state). If you do not want to use the auto search feature, you can manual register the handset with a base station using the subscription record stored in the handset.

7 Keys and Display



Operating Elements on the Handset












Display Arrangement Symbols in the Display



1 Symbol line

2 Information/text lines: display messages and ...
in idle mode: status and time
in calling mode: call numbers or names of callers/called subscribers. (The time is only displayed when supported by your telephone system.)

3 Softkey line

	Ringer deactivated
	Caller filter active
	Quality of the radio connection (four bars means a stable radio connection; a single bar means an unstable radio connection)
	On: Handset has a connection Flashing: Handset has an incoming call
	On: Handsfree is activated
	Microphone muted
	On: New message Flashing: Message memory is full
	Flashing: Message in voice box
	Charge status of the batteries
	On: Keypad is locked
	(Next to time): Alarm on

Top Line / Symbol Line

In the top line of the display, information is given concerning the current status of the telephone during a call or in stand-by mode. When using the menus, this line displays the text **Menu**. In idle state the top line is replaced by the symbol line.

Information Line / Text Lines

The middle lines of the display provide information on the current call status or menu lists and texts.

In the idle state, the display shows the name of the base station, the programmed user name (see also page 47) and the internal telephone number (if programmed) as well as the current time.



Selection lists (e.g. caller filter) and the features menu are displayed as a three-line excerpt. The lines can be moved up or down via the arrow keys.

A selectable entry is shown inversely with a dark background.

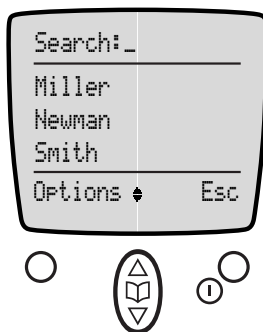
Softkey Line

The texts and symbols in this line refer to the keys underneath. The contents of the line change according to the operating status.

Illumination

The display is automatically illuminated when calls are received or when you press a key. The illumination is automatically switched off again ten seconds after the last key was pressed.





8 Softkeys and Other Keys



The two keys below the display, as well as the arrow keys, are known as softkeys. The functions assigned to the keys are shown in the lowest line of the display. The key function changes automatically according to the operating status of the handset.

Softkey: Arrow Keys

Above the arrow keys you will see symbols that identify the individual functions of the arrow keys:

-  The arrow keys allow you to select telephone numbers from the phone book
-  When you are entering telephone numbers or names, you can make changes by moving a cursor. The arrow keys shift the cursor to the left or right.
-  If a selection list (e. g. phone book or menu) is displayed, you can use the arrow keys to scroll to the desired entry. If a continuous text is shown (e. g. a message), you can scroll up and down through the text with the arrow keys.
-  During a call you can change the volume of the receiver/loudspeaker using the arrow keys.

Deleting characters


A long key press of the “down” arrow deletes individual numbers or characters.

Softkey: OK Press **OK** to confirm the selected function.

If a function only has one quick-switch option, it is operated by this key. Active settings (ON) are indicated by a “✓” next to the relevant item; inactive settings (OFF) are indicated by a “-”.


Softkey: Options Using the **Options** softkey on the left, you can perform actions on the selected item in the menu you are currently in.

Softkey: Esc Press the **Esc** softkey to exit the section of the menu currently displayed. You will then see the selection from the previous menu or the current idle or call display.


Softkey: Redial  Enables you to select a telephone number from the redial list.

Softkey: Menu A key press invokes a menu that depends on the state of the handset. This menu only displays the relevant operations that can currently be performed.


Automatic Hide Menus are automatically hidden under the following circumstances:

- Whenever you receive a call while your phone is in the idle or call state.
- In the call state, when you perform input that requires invoking a new, call-dependent menu (e. g. you press the R-key  to make an enquiry).
- If you press a softkey that invokes a menu other than the one currently displayed.

If you have saved your input in a menu, it remains saved when you leave the menu.

Receiver Key  The receiver key has the same function as lifting or replacing the receiver of a normal telephone.



Loudspeaker Key / Signal Key



 The handset key R has multiple functions.

During a conversation: A short key press initiates an enquiry during a call. A long key press activates the speaker or hands-free mode.


In the idle state: A long key press activates the speaker or hands-free mode. A short key press activates the shortcut menu (refer to *Menu Shortcuts* starting on page 53).


Key Lock

In the idle state press the left soft key  and  successively to switch the key lock on.


To switch the key lock off again press  .

Number Keys

The number keys are used to directly enter telephone numbers and names, including Vanity phone numbers (which use letters standing for specific digits of a phone number). Press the  key for a longer period to insert a pause in predial mode.

When entering text, you can use the arrow keys to move the cursor to the beginning or end of the entry. Press the “down” arrow key long to delete individual numbers/characters. The  soft key cancels the entire procedure. The cursor moves on automatically if there is input or no new character for a time. See *Entering Characters / Names* starting on page 33 for a description on how to enter text.

Switching Off

To switch off the handset, press the right soft key  for a longer period (approx. 2 sec.). Switch on the handset again with the same key.

SOS Key

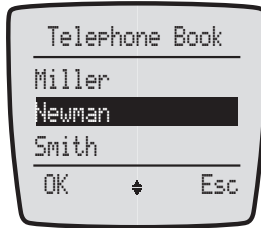
A separate key on the top left side of the handset activates an SOS call or message in idle mode. See *Emergency Call / SOS Number* starting on page 49 for details.

Example: Menu



Press Menu. Use the arrow keys to scroll through this list and confirm the desired function with OK.

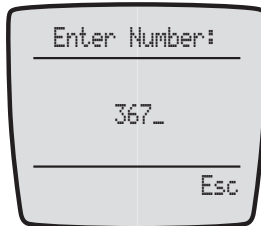
Example: Telephone Book



If the telephone book has been opened (☎-key), the arrow keys can be used to select a name. ☎ can be used to dial.

To change entries, switch over to the next menu using the Options softkey and choose for example Edit. Now you can edit the telephone number and then the name with which it is associated. Save your changes by selecting OK at the end of each procedure.



Entering a Telephone Number



The arrow keys can be used to shift the input position (cursor) to the left or right. Additional characters are always added in front of the flashing cursor. Use OK to confirm your entry. Pressing and holding the lower arrow key ⏴ for approx. 2 seconds deletes individual characters.

9 Calling

Handset On / Off


The handset can be switched off by pressing  for more than 1 second. The handset is switched on by pressing  for more than 1 second or by placing the handset in the charger.


Setting the volume

During a call you can adjust the speaker or earpiece volume to three levels using the arrow keys. The current setting will be shown in your display.


To adjust the earpiece volume, press the arrow keys; to adjust the loudspeaker volume, switch the loudspeaker on and then press the arrow keys.

Handsfree Speaker/Handsfree Use

To allow several people in the same room to take part in a call, press the loudspeaker key  during a call. Repeat to switch off. You will achieve the best quality when the handset is in a vertical position; in other words when neither the loudspeaker nor the microphone are covered.

Note: When the handsfree function is active, the loudspeaker icon  is displayed.


Muting

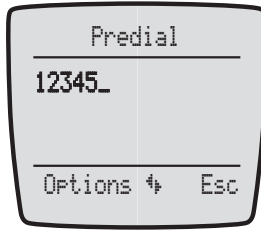
During a call you can switch your handset's microphone off with  (right soft key). The person at the other end of the line can no longer hear you. Pressing the soft key once more switches it back on.

Making a Call



Dialling:

Press  and dial the phone number.



Pre-dialling:

Enter the phone number and press . You can use pre-dialling to chain telephone numbers from different lists. Press **Options**, select one of the lists with the arrow keys and **OK**.

Select a telephone number from the list. A long press on the hook key will add the number to the number predialled before.

Note: In pre-dialling, if the input cursor is positioned behind the telephone number, the number to be chained will be suffixed to that telephone number. If the input cursor is at any other point, the number to be chained will be prefixed to the telephone number.

Correcting an entry during pre-dialling:

Press long (“down” arrow) deletes individual digits. Press **Esc** to delete the whole phone number.

Note: Long key press on inserts pause in the predial-mode.

Making a Call from the Last Number / Redial List



Selection:

Press the -softkey and then one of the arrow keys (several times if necessary) with the handset in an idle state. The last 10 phone numbers dialled are then displayed. The beginning / end of the number redial list is marked by a dashed line.

Dialling:

Press , the selected phone number is dialled.

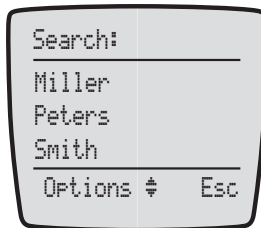
Pre-dialling:

If you press **☎** for a longer period, the selected phone number is entered into the pre-dial mode. Digits can be added to the displayed phone number, as required (see: *Making a Call* starting on page 22).

To dial, press **☎**. The pre-dial mode is terminated by pressing **Esc**.

You can call directly from the redial list or transfer a phone number to the telephone book (refer to *Menu: Redial List* starting on page 37).

Making a Call from the Telephone Book



Selection:

Press the arrow keys with the handset in an idle state. Use the arrow keys to select an entry or type in the first character(s) of the name. If the arrow keys are not pressed for a while, the selected entry will be shown with name and complete phone number.

Dialling:

Press **☎** and the phone number is dialled.


Pre-dialling:

If you press **☎** for a longer period, the selected phone number is taken up into pre-dialling. To dial, press **☎**. The pre-dial mode is terminated by pressing **Esc**.




Making a Call from the Caller List

The handset stores the phone numbers of the last 30 callers in the caller list (dependent on the transmission of the phone number). If a call is not answered within 10 seconds the user is notified via the flashing text **Missed calls** in the idle display. This text will disappear when the caller list is entered. Calls that are successfully established from the caller list will be removed from the list.

Dialling:


Use the arrow keys to select a list entry. Press  and the phone number is dialled.

Pre-dialling:

If  is pressed for a longer period, the phone number is entered into the pre-dial mode. Digits (e.g. a code) can be added as required. The phone number is dialled by pressing . The pre-dial mode is terminated by pressing .

You can call back directly from the caller list or transfer a phone number to the telephone book (refer to *Menu: Caller List* starting on page 38).

Selection

Press the softkey  with the handset in idle state. If there are new missed calls stored the list will open immediately, otherwise you have to select **Caller List**.

Making a SOS Call



This handset can be used to send emergency calls to a certain telephone number. The number and the text message are stored in the menu “Telephone Option” (refer to *Menu: Telephone Options* starting on page 48). To make the emergency call press the SOS key.

Note: The SOS key will be activated in idle mode only.

Mandown Call

An integrated sensor detects the position of the handset. If the handset’s position changes from upright to horizontal (the angle of inclination increases), a mandown call is initiated or a message is sent to a pre-programmed mandown call number. The number and the text message are stored in the menu “Telephone Option” (refer to *Menu: Telephone Options* starting on page 48).

If the handset has detected the mandown condition and the “Mandown Auto Answer” option is enabled (refer to *Mandown Call* starting on page 49), the next incoming call will be automatically answered in hands-free mode with the speaker on.

Tip: The mandown call option can be switched on or off with the   macro (refer to *Menu Shortcuts* starting on page 53).

Muting Ringer

During the call alert phase, it is possible to mute the ringer alert signal simply by pressing the softkey `Silence`, now only the handset icon is signalling the incoming call.

Answering a Call



At an incoming call the number of the caller is displayed (if transmitted). If this number is already listed as an entry in the phone book, the corresponding name of this entry is displayed during an incoming call.

Press `☎` to answer the call or lift the handset of the charger when “Charger Answer” (refer to *Charger Answer* starting on page 50) is enabled.

`Reject` rejects the call.

`Silence` mutes the ringer.

Changes During a Connection



During a connection the volume can be adjusted by pressing the arrow keys.

Options:

`Caller List` opens the Caller List.

`Redial` opens the Redial List.




`Add to` adds the caller's number to the `CallerFilter` or to the `TelephoneBook`.


`Mute` switches off the microphone in the handset.

`TelephoneBook` opens the telephone book.

Enquiry Call / Call Transfer



During a connection another party can be consulted (enquiry call).

 holds the first call. Now dial the other phone number. Press  again to switch back to the first caller (press  to speak alternately with the other parties).

 transfers the first call to the enquiry call party when you are connected to the enquiry call party.

I 0 Message waiting indication for Voice Mail

Note: This function is applicable only if it is supported by your communications system.

When a  icon appears in the idle mode, the receiver has a message in his voice mail box. After listening to all new voice mail messages, the  icon will disappear in idle mode.

In case the handset is switched off, is out of coverage or is in the charger while silent “charging”, the message waiting indication is updated after the handset is locked to the DECT system again.

II Messages

Note: This function is applicable only if it is supported by your communications system.

This handset can be used to send and receive text messages. A differentiation is made between urgent and normal messages which are signalled in different ways on the handset. Every message is stored in a list which can contain up to 10 entries. You can also receive and send messages during a connection.

The signalling of normal and urgent messages can be effected by means of different ringer melodies (refer to *Menu: Ringer Settings* starting on page 43).

Messages cannot be sent or received if the handset is outside the range of the system or is in the charger whilst “Silent charging” is switched on (refer to *Silent Charging* starting on page 50).

If a message cannot be delivered, the sender always hears an error beep. If a message is received whilst you are making a menu setting, the menu is aborted and all entries which have not yet been saved are not stored. Furthermore, phone numbers which have already been entered and the text of a message which you are currently writing are lost if you receive a message.

Urgent messages

Urgent messages are messages which you must confirm. An activated key lock is temporarily deactivated when receiving such a message so that its receipt can be acknowledged. If you receive an urgent message, this is immediately signalled on the display.

If you use the ringer, you can hear the melody for urgent messages. The ringer volume increases to the maximum during the signalling process. If you receive an urgent message during a call, you hear a repeated alert tone in the speech path.

Normal messages

Normal messages are messages which you don't need to confirm. The "Normal Message Display" setting can be used to select whether or not a normal message is shown. When selected normal messages are immediately signalled on the display.

If you use the ringer, you hear the melody for normal messages once. If you receive a normal message during a call, then you hear a short alert tone in the speech path.

Receipt confirmation

You have to confirm the receipt of an urgent message. When an urgent message is not confirmed within 60 seconds, the initiator will be signalled the message has not been received successfully.

OK confirms the receipt of messages.


Delete confirms the receipt of messages and deletes the message.

All other keys are blocked until you confirm the message with **OK** or **Delete**.

If the message list already contains 10 entries, the storage/ non storage of a message depends on the setting of the "Telephone Options: Message Options: Overwrite" menu item:

If the setting has been selected (**Overwrite**), the oldest message is deleted before the new message is stored.




If the **Overwrite** setting has not been selected, the message is not stored.

A full message memory is indicated by the flashing  symbol on the display.

I2 The Menus: Operating Features

In this and subsequent sections, all features are activated via the softkey **Menu**. The individual operating sequences are shown in short form, and then a short discription follows.


The symbols have the following meaning:

-  Input of numbers or characters
-  Operate arrow keys
- Menu** Texts shown in this font represents a softkey
- Key Click** In this way displayed texts indicate the menu item to be selected.
-  Press hook key.

Example Saving user names: (in the next chapters all representations of the operating sequences have the following form.)


Menu  **Telephone Option** **OK** **User Name** **OK**  name **OK**

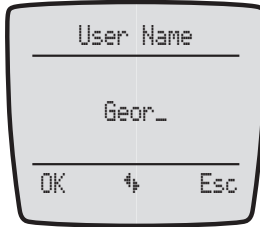


In this example, first press **Menu** and select **Telephone Option** with the arrow keys .

Confirm the selection by pressing the **OK** softkey.



Then select **User Name** with the arrow keys . Confirm again by pressing **OK**.



Now enter the name, confirm by pressing **OK**. Instructions on entering the name can be found at *Entering Characters / Names* starting on page 33.



Menu Timer


The menu activation is time-monitored. If no entries are made within 60 seconds, then the menu is automatically quit.


I 3 Menu: Telephone Book Settings

At least 100 phone numbers and names can be stored in the telephone book and the names are sorted alphabetically, therefore the telephone book offers an alphabetic search function. Entering the same name more than once is not accepted, but the same phone number can be stored with different names. Entering the same name more than once is not accepted, but the same phone number can be stored with different names. An entry can consist of a maximum of 32 digits for the number and 16 characters for the name (refer to *Entering Characters / Names* starting on page 33). The beginning / end of the telephone book list is marked by a dashed line. If a caller is listed in the telephone book and his phone number has been transmitted at the incoming call, then his name appears on the display.

Opening the Telephone Book

To open the telephone book press the upper arrow key . Select an entry by using the arrow keys .


Dialing: Dial the selected entry by pressing .

Pre-dialling is started by pressing  for a longer period.

Options:

New: adds an entry.




Edit: edits a selected entry.

Delete:  deletes the selected entry.

Add to filter: adds the entry to the caller filter list (refer to *Menu: Caller Filter* starting on page 45).

Quick Call: direct access to the phonebook entry keys 1...9.



Entering Characters / Names

The following characters can be entered by pressing the keypad keys several times. The entry position is automatically advanced if no entries are made for a short while or a new character is entered. Holding a number key ( ... ) for a longer period (approx. 2 sec.) or pressing the -key switches from capitals to non-capitals and the same action switches back.




While entering characters the first displayline shows all characters assigned to the key. The actual position is marked by “_”.

Key	Capital letter	Small letter
①	? ! 1 - + * / = & () % ; j	? ! 1 - + * / = & () % ; j
②	A B C 2 Ä Å Æ Ç	a b c 2 ä å æ ç
③	D E F 3 È É Ê Ë	d e f 3 è é ê ë
④	G H I 4 Ì Í Î Ï	g h i 4 ì í î ï
⑤	J K L 5	j k l 5
⑥	M N O 6 Ñ Ò Ó Ô Õ Ø	m n o 6 ñ ò ó ô õ ø
⑦	P Q R S 7 ß	p q r s 7 ß
⑧	T U V 8 Ü Û Ú Û	t u v 8 ü ù ú û
⑨	W X Y Z 9	w x y z 9
⑩	(space) , . 0 : ; _ “ ” ^ ~	(space) , . 0 : ; _ “ ” ^ ~
⊛	A -> a	a -> A
⊞	# @ □ \$ £ ¥ \$ < > { } [\]	# @ □ \$ £ ¥ \$ < > { } [\]

Searching an Entry

Press the upper arrow key  to open the telephone book. You can either scroll through the contents of the telephone book until you find the name you are looking for, or you can just type the characters one by one until you have found the entry where the desired name is located. After two seconds without any action a selected entry will be shown with name and number automatically. By pressing one of the arrow keys  again the list will be shown again.

Adding a New Entry

 >New Entry< OK  phone number OK  name OK

When entering the name, the keypad keys are automatically switched over to character input. It is not possible to store a phone number without an associated name. A name consists of maximum 16 characters.

Editing an Entry

Ⓜ select entry Options Ⓜ Edit OK Ⓜ short /long Ⓜ new digits OK Ⓜ short /long Ⓜ new characters OK

Changes can be made by moving the cursor to the beginning or end of the entry via the arrow keys Ⓜ. Delete characters by using the lower arrow key Ⓜ. Press **Esc** if you do not wish to change a phone number or a name.

Deleting an Entry

Ⓜ select entry Options Ⓜ Delete OK

Deleting all Entries

Ⓜ select entry Options Ⓜ Delete All OK Sure? OK

This function deletes all entries.

Adding an Entry to the Caller Filter

Ⓜ select entry Options Ⓜ Add to filter OK

Pressing **OK** transfers the selected phone number to the caller filter. When the entry is already in the caller filter, the handset will give a beep.




Quick Call


Ⓜ select entry Options Ⓜ Quick Call OK Ⓜ enter quick call number 1...9 OK

Quick call numbers can only be allocated once. To dial a number, press the key you have allocated the number to and hold it down for a second or two while the handset is idle. The number you wish to call will then be entered automatically in pre-dial mode or is dialed immediately (depends on settings in the menu "Telephone Option / Auto Quick Hook"). In the telephone book the names allocated to the quick call function have the corresponding quick call number behind the names. Removing a quick call number for an entry can be performed by assigning this quick call number to another telephone book entry. To delete the quick call number, select the telephone book entry, choose **Options**, then **Quick Call** and press the lower arrow key Ⓜ (long press).



Transferring Phone Numbers to the Telephone Book


Every selectable phone number in the “caller list” or “redial list” can be transferred to the telephone book. To do so, the **Options** softkey in the Caller list Menu or Redial List Menu is available for this purpose.


 select entry **Options Add To**  **Telephone Book** **OK** 
edit number / enter name **OK**

It is not possible to store a phone number without an associated name. When entering characters and numbers, the arrow keys  can be used to shift the entry position to the left or right. If **OK** is pressed, the phone number is stored immediately and is treated as a new entry. The **ESC** softkey cancels the entry.

I4 Menu: Redial List

In the idle state, press the -softkey and then one of the arrow keys  (several times if necessary). You will see the last 30 internal and external parties dialled (phone number or name) with the most recent entry at the top.


Dialing: dial the phone number by pressing .



Pre-dialling is started by pressing  for a longer period.

Options:

Add To: transfers the phone number to the telephone book (refer to *Menu: Telephone Book Settings* starting on page 33) or to the caller filter (refer to *Menu: Caller Filter* starting on page 45). Select the option **Predial** to enter the number into the pre-dial mode.

Details: This displays information about the called subscriber: phone number and time of your last call. If this phone number is listed in your telephone book, you will see the name of the caller also.

Delete:  deletes the selected entry.

Delete All:  **Sure?**  deletes all entries.

I 5 Menu: Caller List

Missed and Rejected Calls

All calls with a transmitted phone number are entered into the caller list. The text **Missed Call** is shown in the display when calls have been alerted for at least 10 seconds. If the caller is registered in the telephone book, the name is displayed. After you have called up the caller list, the **Missed Call** indication is removed from the display.

The last 30 phone numbers are listed. Every additional phone number overwrites the oldest entry. When a call back is successfully executed to an entry in the caller list, the entry is removed from the caller list. Multiple calls with the same phone number are only stored once and the timestamp of the last call is stored. When an attempt has been made to call back a caller, this entry is moved to the redial list.


The following symbols in front of the entries indicate the kind of call:


→ missed call

↔ rejected call

Calling

Menu  **Caller List** OK  select a phone number ...

Dialing: dial the phone number by pressing .

Pre-dialling is started by pressing  for a longer period.

Options:

Add To: transfers the phone number to the telephone book (refer to *Menu: Telephone Book Settings* starting on page 33) or to the caller filter (refer to *Menu: Caller Filter* starting on page 45). Select the option **Predial** to enter the number into the pre-dial mode.

Details: shows the receiving time/date of the respective call. If this phone number is listed in your telephone book, you will see the name of the caller also.

Delete: OK deletes the selected entry.








Delete All: OK **Sure?** OK deletes all entries.

I 6 Menu: Messages

Note: This function is applicable only if it is supported by your telephone system.

Your handset can be used to send and receive text messages. These messages can be stored in a list with up to 10 entries. There are normal and urgent messages which are signalled to the recipient in different ways. Every stored message is displayed in the message list with the first few words of the message and can be shown in full length.





The following symbols in front of the message indicate its status:

-  urgent message
-  normal message read
-  normal message unread
-  transmitted message confirmed
-  transmitted message not yet confirmed
-  message could not be transmitted successfully
-  messages in the list downloaded from the PC

All entries in this chapter are started by pressing the softkeys:

Menu  **Messages** OK

Writing a Message

Options  **New** OK  enter text Options  **Normal** **Message** or **Urgent Message** OK  enter phone number OK

If the message list is empty, you can use the **New** function after selecting the **Messages** menu. A message text can be up to 160 characters long. Refer to the key assignment page 33 for entering characters.

Message Details

Select message Options **Details** OK

Shows the arriving phone number, date/time belonging to the message.

Reading a Message

Select message Options **Read** OK

The complete message is displayed. Every message is marked with a time stamp (only useable if supported by your telephone system). If the message doesn't fit on the display, use the arrow keys to scroll.

Sending Message

Select message Options **Send** OK **short/long** edit message Options **Normal Message** or **Urgent Message** OK
edit phone number OK

If the message list is not full, you can use the "Send" function. Select the desired message by means of the arrow keys. You can change (overwrite and delete) the text as required.

The symbols on the displayed message list indicate whether the transmission was successful. If an urgent message is sent, then there is a maximum waiting time of 60 seconds for the recipient's confirmation. During this time you cannot send or receive other messages. When sending of a message failed an error beep is given.

Deleting a Message

Select message Options **Delete** OK

The selected message is deleted.


Deleting all Messages

Select message Options **Delete All: OK Sure?** OK

All messages are deleted.

I7 Menu: Key Lock

Key Lock On / Off


The keypad can be locked to prevent any accidental operation: press the **MENU** softkey, select **Key Lock** via the arrow keys and confirm by pressing **OK**. A lock icon  is then shown in the display.

To unlock the keypad, press the right softkey and then **#** (as shown on the display).

Calls can be answered in the normal way when the key lock is active and all keys can be used. The key lock is activated again after the call has been terminated.




I8 Menu: Ringer Settings

All entries in this chapter are started by pressing the softkeys:

Menu  **Ringer Settings** OK

Then select ...

Melody

 **Melody** OK  **Internal** or **External** or **Unknown Number** or **VIP** or **Normal Message** or **Urgent Message** or **Emergency Call** or **Alarm** /  **1...30** OK

A different melody can be set for every type of call (e. g. internal, external, normal message, urgent message). Select the melody by entering a number 0...30 or use the arrow keys.

National anthems first lines are integrated in the handset and they are selected in the ringer settings by choosing one of the numbers shown below.



21: United Kingdom, 22: Germany, 23: Holland, 24: Italy, 25: France, 26: Spain, 27: Portugal, 28: Sweden, 29: Denmark, 30: Norway.

Type

 **Type** OK  **Full Melody** or **Chirp** / OK

This function is used to switch on the ringer signalling function with a full melody or with a chirp (short melody). When activated it is marked with “✓”.

Device

 **Device** OK  **Buzzer** or **Vibrator** or **Headset** / OK

This activates the buzzer, the vibrator or the headset. Activated options are marked with “✓”.

Volume

 **Volume Settings** OK  or  **1...8** OK

The ringer signalling volume can be changed via digits 1...8 or the arrow keys.

I9 Menu: Volume Settings

All entries in this chapter are started by pressing the softkeys:

Menu  **Volume Settings** OK

Then select ...

Earpiece

 **Earpiece** OK  OK or  1...8 OK

The voice volume of the earpiece can be changed in 8 steps via digits 1...8 or the arrow keys.

Speaker (Hands-free)

 **Hands-free** OK  OK or  1...8 OK

The voice volume of the loudspeaker can be changed in 8 steps via digits 1...8 or the arrow keys.

20 Menu: Caller Filter

You can store up to 10 phone numbers in a caller filter list. Calls with these numbers can be accepted or blocked. For the caller filter to function, the caller's number must be transmitted via ISDN.

If activated “✓” the display shows a caller filter icon ‘f’ behind the time.


All entries in this chapter are started by pressing the softkeys:

Menu  **Caller Filter** OK

Then select ...

 **List of numbers** OK  edit number / enter name OK

An entry can consist of a maximum of 32 digits for the number and 16 characters for the name. If you enter a star digit at the end of a number, you can filter all numbers that begin with this sequence. Let's assume, for example, you enter the following: “123*”. All numbers that start like that would be filtered (e. g. “12345678 and 12398765”).

 **Filter Options** OK **Accept List** or **Block List** or **Filter off** / OK

The activated filter option is indicated by a “✓”. Select **Accept List** to receive calls with phone numbers which are stored in the caller filter list. Select **Block List**, to reject calls with this phone numbers. Select **Filter off** to disable the caller filter function.

Editing the Caller Filter List

Setting the Caller Filter

Transferring Phone Numbers to the Caller Filter

For transferring phone numbers from the Telephone Book, the Redial List and the Caller List to the Caller Filter refer to *Menu: Telephone Book Settings* starting on page 33, *Menu: Redial List* starting on page 37 and *Menu: Caller List* starting on page 38.


21 Menu: System

Registration Code








The handset can be operated with a maximum of 10 DECT systems. Before you can make a call via the DECT system, the handset has to be registered to the respective system. A system ID and registration code may be necessary for the registration process. Ask the respective system administrator for the valid registration code. When the handset is not yet subscribed to the system the display is showing **No Subscription**.

Registering the Handset to the DECT System

All settings in this chapter are started by pressing the softkeys:

Menu  **System** OK

Then select ...

 **Subscriptions** OK  **Options**  **New** (confirm the **IPEI** display with OK)  **PARK** OK  **PIN** (authentication code) OK  **system name** OK  **local phone number** OK

The following entries must be made when logging on:

Enter PARK: a system ID should only be entered if you are at a location where two DECT systems overlap. If only one DECT system is available, then just press OK.





Enter Auth. Code: this code is used to register the handset (authentication code). The DECT system supplies this code.

Enter Name: give the name of the DECT system to which you are registering. This will be shown on the idle display. For information concerning the entry of characters, refer to *Entering Characters / Names* starting on page 33.

Enter Number: the phone number, assigned to your DECT handset can be entered here (ask your system administrator for the phone number).

Press **ESC** twice to return to idle mode.

Selecting the DECT System

 **Subscriptions** OK  select a system  **Options**  **Select** OK

If the handset has been registered to several DECT systems, then you can select which one the handset is to use. Select the

system via the arrow keys before confirming “Select”. By choosing **Options Select**, the function automatic search is disabled. The selected system is shown in the idle display.

Automatic Search System

Ⓜ **Subscriptions** OK Ⓜ **Auto Search** Options
Ⓜ **Select** OK

If you have registered your handset with several DECT systems and this function is active (“✓”), then the handset will automatically select one of the systems. Thus, your handset is automatically “logged-in” to another of your registered DECT systems, as soon as you move out of the effective range of the current system. This function is disabled if a specific system is selected manually.

Deleting a System

Ⓜ **Subscriptions** OK Ⓜ select a system **Options**
Ⓜ **Delete** OK **Sure?** OK

Deleting subscription is only possible, when the handset is out of coverage from the system or when it is not successfully registered to a system. Consequently, the handset can only be used on this system again after completion of the registration process. Use the arrow key to select the system, before you choose **Options Delete**. This function removes subscription information from your handset for the selected DECT system.

Note that after execution of this function, the handset cannot be used on that DECT system anymore! To use it again, you must go through the registration procedure at the DECT system and at the handset.

Changing a System's Name and Phone Number

Ⓜ **Subscription** OK Ⓜ select a system **Options**
Ⓜ **Edit**  system name OK  local phone number OK

You can select a system and then edit the name of the system and your phone number.

Equipment ID (IPEI)

Ⓜ **IPEI** OK

You can read the international handset identification.

22 Menu: Telephone Options


All entries in this chapter are started by pressing the softkeys:

Menu  Telephone Option OK

Then select ...

Alarm

 Alarm OK 

Active or Set  time 00:00 - 23:59 / OK

The handset allows you to set a time between 00:00 and 23:59 at which it will emit an acoustic signal. If activated “☞” the display shows an alarm icon (#) behind the time.

The alarm signal lasts 60 seconds and can be switched off by pressing any key. If you are in conversation or if you receive a call/message, you will hear a special tone.

Note: You can set a special melody for alarm indication (refer to *Menu: Ringer Settings* starting on page 43). The alarm volume is the same as the internal ring tone volume.

When the alarm goes off, “Alarm” is shown on the display. Powering the handset On/Off doesn’t affect the alarm setting. No alarm will be given, when the handset has been switched off.

The alarm time can only be set when date and time are available on the handset (only useable when supported by your telephone system).

User Name

 User Name OK  name OK

This function can be used to store the name of the telephone user. The user name consists of maximum 16 characters. The name is shown on the idle display. Further information concerning the input of characters can be found at “*Entering Characters / Names* starting on page 33”.

Changing the Language

Language OK **English** OK

Sets the desired display language. It is possible to select from 12 different languages. Default setting is english.

Emergency Call / SOS Number

Emergency Call OK **Messages** or **SOS number** / OK

The phone number or the message for the SOS function can be stored here. If no message is entered, the SOS number will be dialed (normal call). If a message is defined (up to 160 characters long), the SOS message will be send to the defined SOS number. After SOS messaging, the message is stored in the message list (refer to *Menu: Messages* starting on page 40).

Mandown Call

Mandown Call OK **Active** or **Messages** or **SOS number** or **Auto Answer** or **Delay** / OK

The phone number or the message for the mandown function can be stored here. If a message is entered, the mandown call is a message call, otherwise it is a voice call. If no phone number is programmed, the mandown function is disabled.

If **Auto Answer** is activated (“✓”) and a mandown call is answered (incoming call), the handset automatically activates the speaker (hands-free mode). Otherwise an incoming call will be rejected while the handset initiates a mandown call. **Delay** specifies the time that must elapse before the mandown call is executed. Within this period of time the mandown call can be cancelled only by pressing the **ESC** softkey. It is not sufficient to place the handset in an upright position again.

Note: If the handset is reset, the mandown function is deactivated. However, SOS number and message text for the mandown call are not deleted (refer to *Resetting the Handset* starting on page 52). If the handset is switched off, the stored mandown configuration remains unchanged.

Attention tones

 **Attention tones** OK 

Key Click or **Coverage Warn** or **Battery alarm** or **Confirm tones** or **Mandown Call / OK**



If activated “✓” an acoustic warning signal is given when a key is pressed (Key Click), if there is a danger of losing the radio link (Coverage Warning), if the battery charge becomes too low (Battery alarm), if a setting is confirmed (Confirm tones) or if the handset detects the mandown condition (pre-alert phase of Mandown Call).

Silent Charging

 **Silent Charging** OK 



If activated “✓” the handset does not setup and receive any calls (and messages) whilst it is placed in the charger. The first display line shows “Silent Charging” when placed into the charger. Calls are signalled again once it is taken out of the charger.

Charger Answer

 **Charger Answer** OK 

When the function is enabled, you can answer incoming calls when the handset is placed in the charger e. g. by lifting it off the charger. The “✓” is shown when the function is activated. The call is ended and the handset goes on hook by placing it on the charger again.

Auto.Quick Hook

 **Auto. Quick Hook** OK 

When the function is enabled and you enter a quick call number assigned to an telephone book entry, the assigned telephone number will be dialed immediately. The “✓” is shown when the function is activated. When the function is deactivated the number you wish to call will be entered automatically in pre-dial mode.

Auto Answer

Ⓜ Auto Answer OK

Note: This function is applicable only if a headset is connected.

When making calls with a headset, it can be useful to enable this function. On an incoming call the handset goes off-hook and you are connected to the subscriber. If activated “✓” the display indicates Auto Answer.

Message Options

Note: This function is applicable only if it is supported by your telephone system.

Ⓜ Message Options OK Ⓜ

Overwrite or Display / OK

Display

You can determine whether normal messages received are immediately displayed “✓”, or should only be stored.

Overwrite


The message memory can contain a maximum of 10 messages. You can select whether each additional new message deletes the oldest message “✓” or whether the new message is not stored.

Display Contrast

Ⓜ Disp. Contrast OK Ⓜ OK

The display contrast can be changed via the arrow keys.

23 Menu: Security Functions




The security functions are protected by a PIN code (4 digits). The PIN entry is only necessary when read only is switched on. In the delivery state the PIN is set to 0 0 0 0. For additional security, **** is displayed when entering the PIN. Numbers which have been entered can be overwritten by pressing . If you have forgotten your PIN, please consult your system administrator.

All entries in this chapter are started by pressing the softkeys:

Menu  **Security** OK  Enter PIN OK

Then select ...

Changing the PIN

 **Change PIN** OK  old PIN OK  new PIN OK  repeat new PIN OK

For additional security, the new PIN must be entered twice. The numbers of the PIN are displayed as ****.

Read-Only

 **Read-Only** OK

If read-only is active “✓”, all features in the menu can be checked. However the settings cannot be changed.


Resetting the Handset

 **Reset** OK Sure? OK



All functions with the exception of the telephone book, the PIN, the mandown configuration, the system registrations and the read-only setting are deleted and reset to the delivery state.


24 Menu Shortcuts

Several frequently used menu items can also be activated with shortcuts, so you do not have to scroll through the menu.


When the handset is idle, press the signal key . Now enter one of the following keys within 3 seconds:


Buzzer on / off

 switches the buzzer signalling off. The bell icon  appears in the display.

 switches the buzzer signalling back on.

Silent Charging on / off


 switches on your handset for “Silent Charging”.

 switches “Silent Charging” off.


User Name

 allows you to change the user name.


Registering / Deregistering

 activates the registration menu (for registering / deregistering the handset with the DECT system).


Mandown Call on / off

 activates / deactivates the mandown call function.

Toggle the Ringer

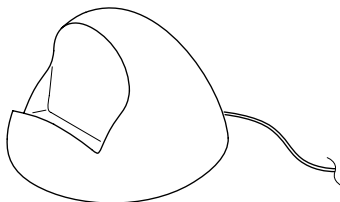
 toggles the ringer on/off.

Key Lock on

 switches the key lock on.

25 Accessories

- DECT I600 Desktop Charger



- DECT I600 Charger Rack

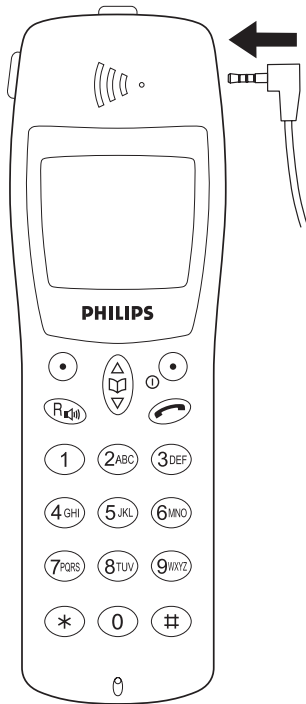
A maximum of eight handsets can be charged simultaneously. The charger rack is designed for desktop use and for wall mounting.

- Belt Clip

Belt clip and adapter for the handset. The adapter is clipped onto the handset and is removable without any remains or damages.

- Headset

The headset in combination with the belt clip makes really handsfree telephoning possible. This is finally optimized by the handset feature “Auto Answer”.



Connecting the Headset

Note: Only use the devices and accessories approved by the manufacturer of the handset. Guarantee claims cannot be made if other types are used. The accessories can be obtained via the supplier of the handset.

26 Care and Maintenance

Your telephone is a product which meets high demands with regard to design. It should therefore be treated with care. We want this product to give you pleasure for a long time and therefore make the following suggestions.

Pay attention to all safety instructions. These instructions apply to the handset, charger, batteries (the whole telephone) as well as the accessories.

To clean the telephone, first of all disconnect the mains plug on the charger. Wipe the device using an antistatic cloth or a slightly moistened soft chamois leather and then wipe with a dry cloth.

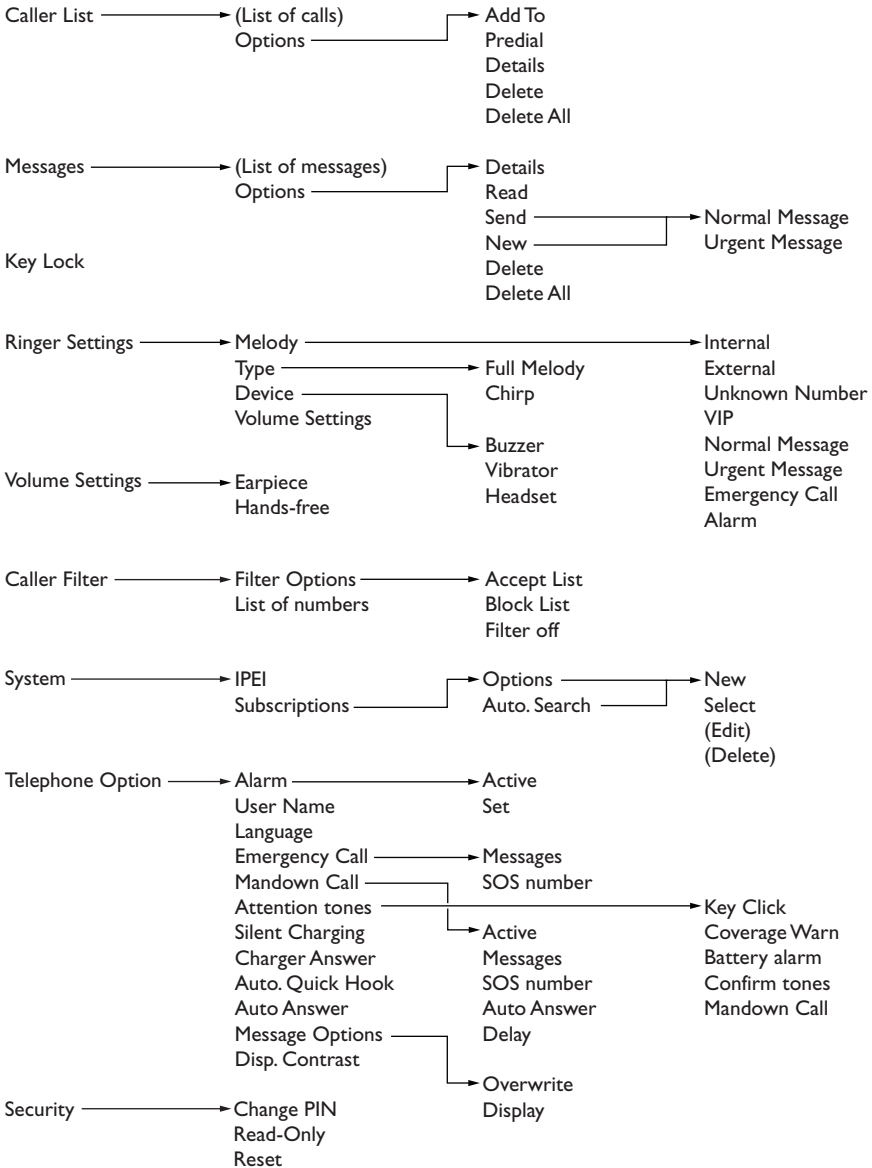
Note: never spray the telephone with cleaning agents or solvents.

Clean the charge contacts on the handset and the charger by means of a fluff-free cloth.

If the telephone or one of the accessory parts does not function perfectly, please contact your supplier's customer service.

Do **not** carry the telephone in the pocket of your trousers!

27 Menu Tree



28 Technical Data

Display:	3-line graphic display
Handset weight:	approx. 110 g (including battery pack)
Handset dimensions:	138 x 47 x 21 mm (L x W x H)
Stand-by time:	up to 100 hours (in a single cell environment)
Talk time:	up to 8 hours
Charging time:	approx. 6 to 7 hours (dis-charged battery charged to full capacity)

Notice to the user

This equipment is intended to be used for connection to SOPHO systems.

Hereby Philips Business Communications declares that the I600 DECT HANDSET is in conformity with the essential requirements of Directive 1999/5/EC and council recommendation 1999/519/EC. A copy of the related Declaration of Conformity can be obtained via the address mentioned below.

WARNING:

The *mandown function* of the I600 does not replace companion supervision by a colleague or other people. In case of critical, emergency or life-threatening situations make sure that other persons are present or that appropriate measures are taken.

The functionality of the mandown alarm is based on a horizontal handset position. Situations can occur in which the end-user requires help, but the mandown alarm is not activated, because e.g. the set itself is not in the horizontal position, the wireless connections are interrupted or radio coverage in the environment where the mandown alarm is being used, is not sufficient.

Be aware that the functionality of this product is i.a. dependent on a good wireless connection and requires sufficient DECT radio coverage and capacity in all areas of a site, building or room. Philips does not guarantee uninterrupted wireless connections and sufficient radio coverage or an uninterrupted use of the mandown functionality.

The *SOS function* of the I600 does not replace companion supervision by a colleague or other people. In case of critical, emergency or life-threatening situations make sure that other persons are present or that appropriate measures are taken.

The functionality of this product is i.a. dependent on a good wireless connection and requires sufficient DECT radio coverage and capacity in all areas of a site, building or room. Philips does not guarantee uninterrupted wireless connections and sufficient radio coverage or an uninterrupted use of the mandown functionality.